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2022 ASSESSMENT REPORT

ON THE

# **MCVICAR GOLD PROJECT – BEAR HEAD ZONE**

## **2022 DIAMOND DRILL PROGRAM**

PATRICIA MINING DIVISION

ONTARIO

91° 28' W 51° 34' N

NTS MAP SHEETS – 520/11, 520/12

PREPARED FOR:

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SUBMITTED: NOVEMBER, 2022

## SUMMARY

The McVicar property is located in the Lang Lake Greenstone belt in the Patricia Mining Division of northern Ontario, and is underlain by mafic to felsic metavolcanic rocks with interbedded iron formation, mafic to felsic intrusive rocks, and later tonalite intrusions. The property is cross-cut by multiple major NW trending shear structures and secondary splays which host significant gold mineralization along strike at the Golden Patricia Deposit, and within the property at multiple high-grade gold targets. The property hosts 3 known styles of gold mineralization in 26 occurrences, including 1) altered tonalite intrusions (e.g., Shonia occurrence: MDI 52O11SW 00007), 2) discrete auriferous quartz veins (e.g., Chellow Vein: MDI 52O11SW 00004), and 3) mineralized shear zones (e.g., Altered Zone: MDI 52O11SW 00012, North Flexure Zone: MDI 0000000 00284). The focus of the 2022 exploration program was to drill test the newly discovered Bear Head Zone (using the parallel Chellow Vein as an exploration analog), and the Altered Zone/North Flexure shear.

The 2022 diamond drill program at Cross River Ventures McVicar Gold project had two main objectives;

- 1) Testing the newly discovered Bear Head Zone for gold mineralization at depth and along strike from surface showings. The drill campaign successfully encountered high-grade gold mineralization in this never-before tested target along the regional Bear Head Fault. **This report will focus on the Bear Head Zone portion of the drill program. A complimentary report will focus on the Altered Zone drilling.**
- 2) Confirm gold mineralization and expand geologic understanding at the Altered Zone historic gold target. Drilling here successfully extended the plunge of known gold mineralization, and provided geologic context for future targeting efforts in the Altered Zone, North Flexure Zone, and elsewhere on the property.

In total, 3473.70 meters were drilled over the two target areas from February 16, 2022 to April 4, 2022, over 48 field days. The Bear Head Zone was tested with 8 drillholes (BH-22-01 to BH-22-08) for a total of 2281.50m, while the Altered Zone was tested with 6 drillholes (AZ-22-01 to AZ-22-06) and 1192.20m of diamond drilling. All eight holes drilled at the Bear Head Zone encountered anomalous gold mineralization (samples >0.25 g/t gold), while at the Altered Zone three of the six holes encountered gold mineralization with >0.25 g/t gold in samples. The highest grade sample of the program was taken from the Bear Head Zone and graded 41.4 g/t gold over a length of 0.50m.

This assessment report will detail the Bear Head Zone portion of the drill program, and all expenditures and technical details will be presented as such. Figure 3 shows claims and drill-plan map for the Bear Head Zone.

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## INTRODUCTION AND TERMS OF REFERENCE

This assessment report is being filed by Cross River Ventures Corp. which acquired the McVicar Gold Property from 2019 to 2022 through a series of option agreements, claims purchases and claims staking. A complete list of claim tenure and ownership is provided in Appendix A and shown in Figure 2. Expenditures from the 2022 diamond drill campaign accrue toward the overall financial requirements needed to maintain all claims in good standing. The drill program was managed by Lori Paslawski, M.Sc. of Vector Geological Solutions of North Vancouver, B.C., under the technical supervision of Daniel MacNeil, M.Sc., P.Geo.

Assessment reporting for the 2022 diamond drill program is divided into two separate reports for claim management purposes. This report will focus on the Bear Head Zone target drilling, while the other report will focus on the Altered Zone target drilling. There will be significant overlap in technical detail between the two reports. Expenditures will be calculated and distributed based on percentage of the overall drill program, as it would be impossible to accurately distinguish expenditures between the two drilled areas. The Bear Head Zone component of the drill program is considered to account for 66% of the total project, based on meterage drilled.

Units of measure in this report are metric. Maps and other location data are presented in Universal Transverse Mercator (UTM) projection, using the 1983 North American Datum (NAD83), Zone 15N. Monetary amounts are expressed in Canadian dollars (CAD).

## PROPERTY DESCRIPTION AND LOCATION

The McVicar property consists of 523 mining claims (Appendix A) totaling 12,488 hectares located in the Patricia Mining District in north-western Ontario, (NTS 52 O/11 and O/12), approximately 150 km east of Red Lake and 80 km west of Pickle Lake, and 25 km southeast of Cat Lake First Nation (Figure 1).

A winter-access road servicing the Cat Lake community comes within 4km of the southern portion of the property, and 2 claims were staked by Cross River along the Cat Lake Winter Road prior to commencement of the 2022 exploration program in order to facilitate road access and an accessible camp and helicopter staging area. The property is otherwise remote and inaccessible for the majority of the year, and should generally be considered fly-access only.

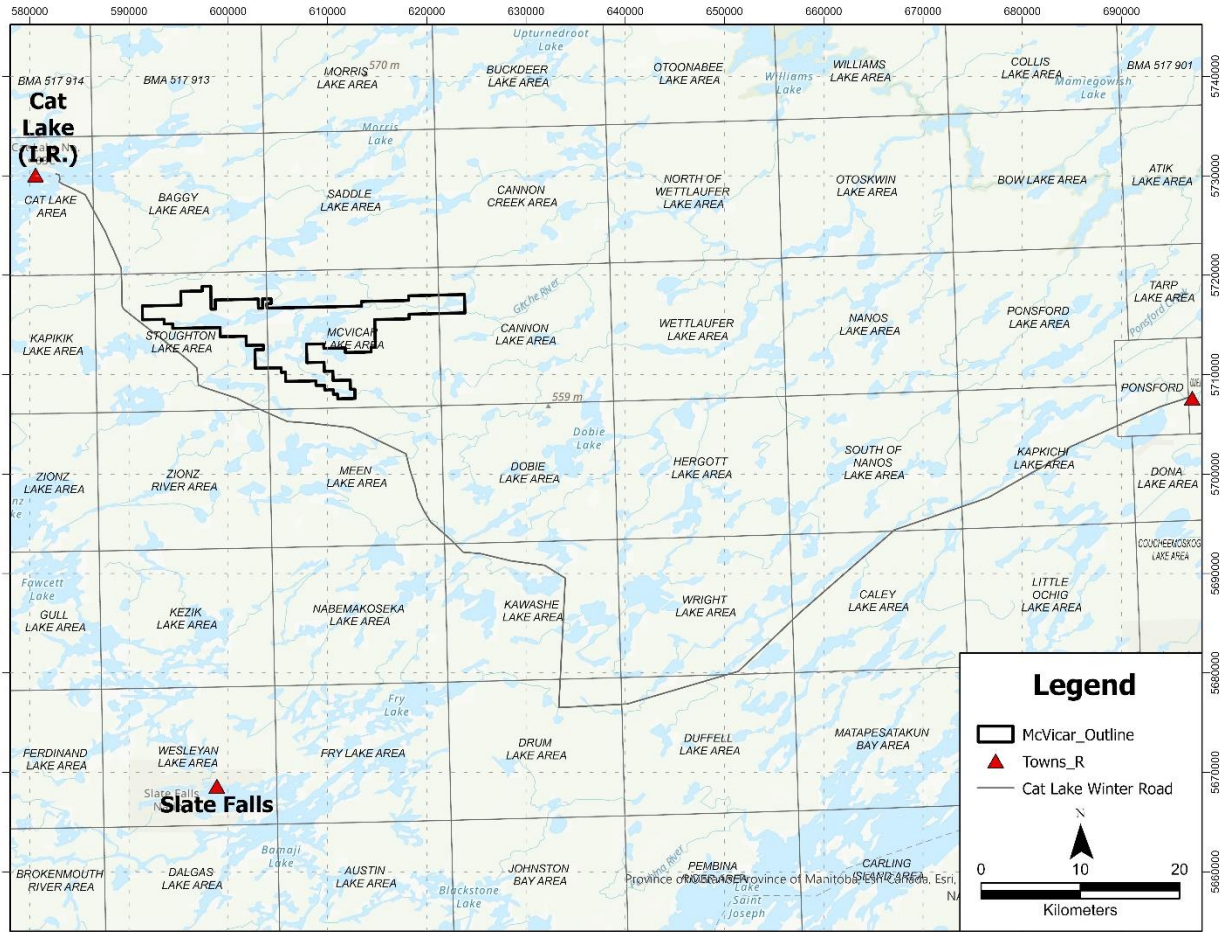


Figure 1: McVicar Property location and access along the Cat Lake Winter Road.

## ACCESS AND INFRASTRUCTURE

The McVicar property is accessible by air year-round via fixed-wing aircraft or helicopter from various communities, including Pickle Lake, Ear Falls, and Slate Falls. Approximately 4 km south of the property, the Cat Lake Winter Road connects Cat Lake to Pickle Lake. The McVicar drill camp was located at kilometer 125 along the Cat Lake winter road.

During the 2022 Diamond Drill program, the winter road was utilized to provide access to the property for mobilization of personnel and equipment. According to locals and Pickle Lake contractors, the winter road is generally accessible for light traffic from early February through to early April, and heavy traffic (haul trucks, fuel trucks, etc.) from mid February to early April. Due to heavy snow early in the season and late freeze-up, the road was not open to heavy traffic until late February, causing delays in camp mobilization and the need for additional helicopter support to mobilize equipment to the proposed camp location. Once open, the winter road provided numerous challenges due to lack of maintenance, abnormal weather, and ongoing road degradation. Because of this, the Valard powerline camp road (situated just south of the Cat Lake Winter Road) was utilized when possible and provided access up to kilometer 60 of the Cat Lake road.

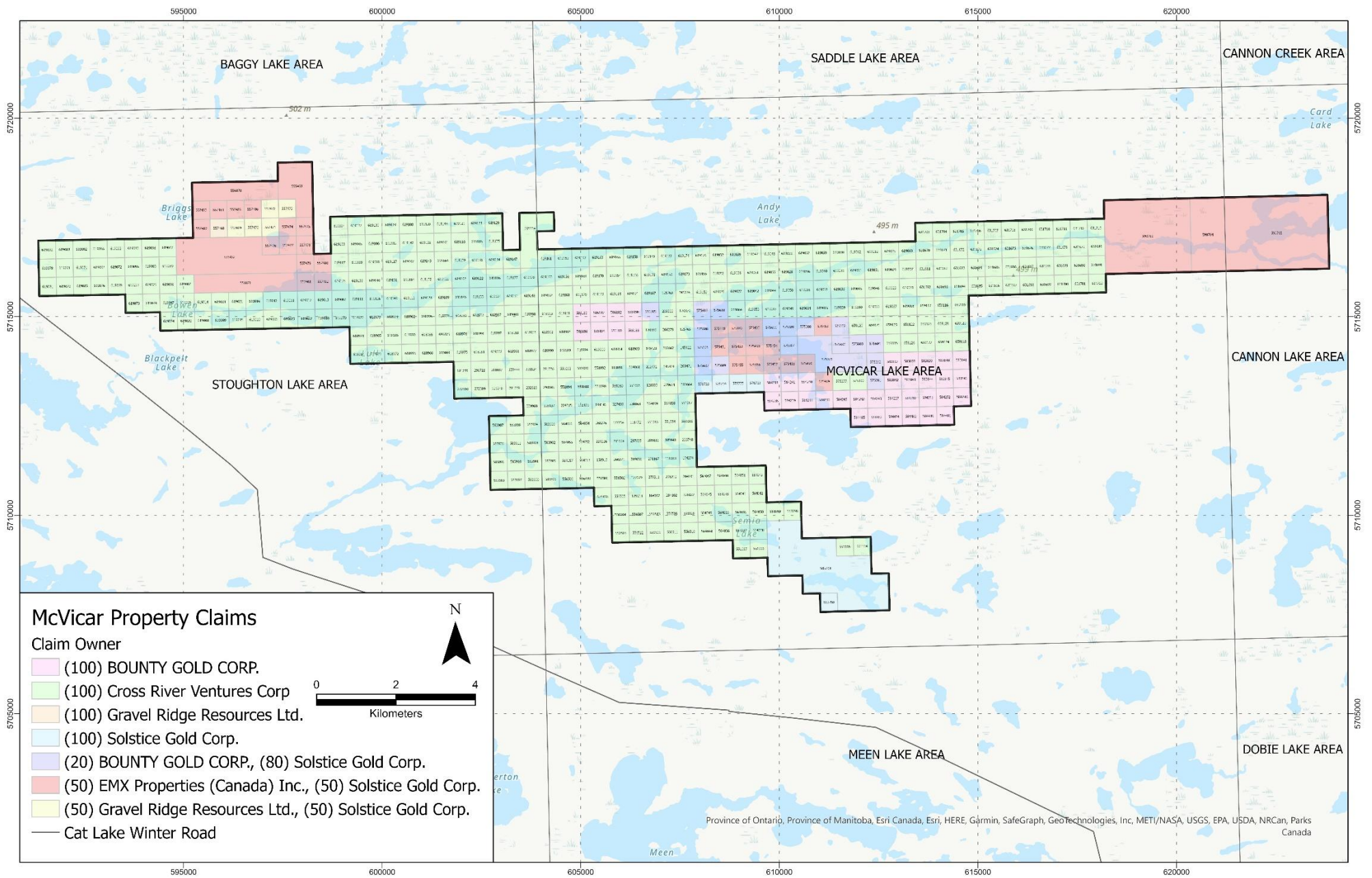


Figure 2: Claim tenure and ownership for the McVicar Property. All claims are controlled by Cross River Ventures Corp. through ownership or option agreements.

Mobilization of personnel and equipment was done using a combination of the Cat Lake winter road, the Valard powerline winter road, and helicopter from Pickle Lake. Supplies and fuel were sourced from Pickle Lake, Dryden, and Thunder Bay.

The McVicar property is mainly comprised of muskeg forest, lakes, and swampy terrain. A helicopter was used for the duration of the program for drill moves and to transport fuel and drill supplies from the camp/staging area to the drill sites.

Snowmobiles were used for the duration of the program to transport personnel and light supplies from the camp to the drill sites.

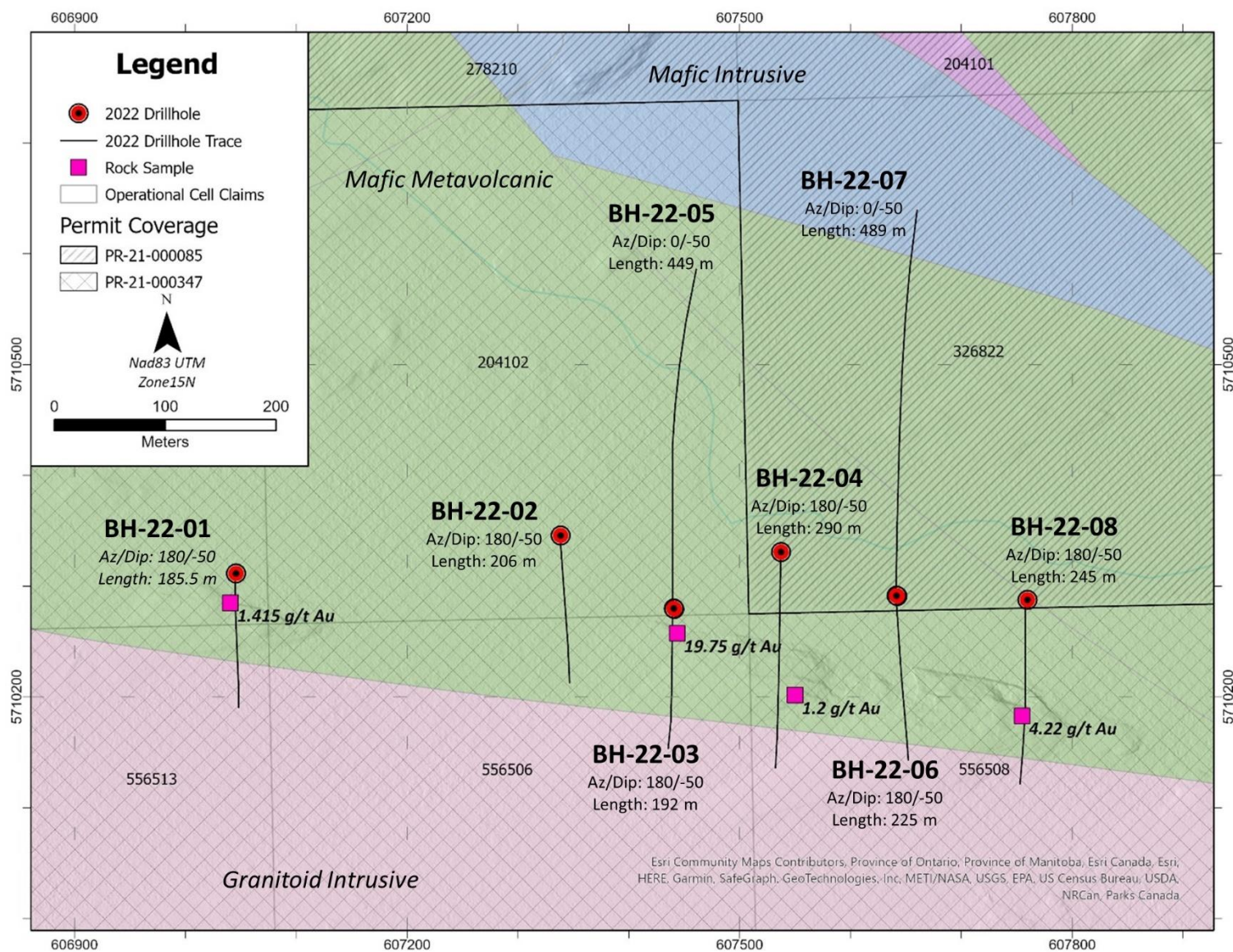


Figure 3: Drill-plan showing 2022 drillholes at the Bear Head Zone target.



## EXPLORATION HISTORY

The following is summarized from Wildcat Exploration's 2013 assessment report on field work on the McVicar Property, as well as reports submitted by all previous operators.

Exploration began on the McVicar Lake Property in the 1920's.

Chellow Gold Mines conducted a drill program in 1950 in the Shonia tonalite; no assay results are available (OGS assessment files).

In 1959, Knew Mines stripped outcrops and drilled four holes totalling 221 m on the Altered Zone; no assay results are available (OGS assessment files).

Kenlew Mines and Pickle-Patricia Explorers discovered two quartz vein float boulders with gold assays of 68.6g/t and 137.1g/t (Hill 1986) in the Dougie Lake area. Four holes totalling 684 m were drilled up ice and intersected 1.56 g/t Au over 1 m, including a 0.25 cm quartz vein that returned 3.42 g/t Au.

Cominco and Duration Mines Ltd drilled four holes with a total of 606 m in the vicinity of Semia Lake between 1978 and 1986, but no significant gold assays were reported (OGS assessment files).

BHP began exploration in the McVicar Lake area in 1986, focusing primarily on the Altered Zone. Ninety-six holes totalling 11,013 m were drilled. Some significant gold assays include; 2.22 g/t Au over 8.56 m (ML-18-02), 4.95 g/t Au over 1.67 m (ML-86-18), 6.46 g/t Au over 10.09 m (ML-86-27), and 5.5 g/t Au over 3.6 m (ML-91-54).

BHP targeted the Shonia #1 occurrence in 1992; all holes drilled in the area returned gold intervals greater than 1000 ppb. The most significant concentrations were 1.44 g/t Au over 8.95 m including 11.9 g/t Au over 0.51 m (ML-92-64), 24.83 g/t Au over 1.07 m and 11.3 g/t Au over 0.61 m (ML-92-66)

An additional six holes were drilled on the Shonia Lake occurrence in 1992; significant gold intersections included 56.6 g/t Au over 0.61 m (ML-92-83) and 11.72 g/t Au over 1.52 m (ML-92-82).

In 1993, BHP drilled eleven holes totalling 1517 m to test the down dip and strike extensions of the Chellow Vein and Cliff Zone. The best assay includes 1.16 g/t Au over 0.3 m in an interval containing the Chellow Vein (ML-93-88). Holes designed to test the Cliff Zone and the lower McVicar Fault failed to intersect gold mineralization.

In 1997, McVicar Minerals Ltd drilled ten holes totalling 1200 m to test the Sor Lake Sill, the Jay Zone, and possible sulphide facies iron formation. Grab samples in the Sor Lake area assayed between 2 and 23.3 g/t Au; the only mineralized hole returned 1.65 g/t Au over 2.5 m.

In 2003, Eveleigh Consulting conducted extensive overburden stripping and channel sampling focused on known gold occurrences for Continuum Resources Ltd and Prospector Consolidated Resources Inc (McKay 2003). The best holes drilled by BHP were targeted with seven holes yielding similar results.

An airborne magnetic and radiometric survey was flown by Geo Data Solutions for Wildcat Exploration Ltd in July 2011.

## GEOLOGIC SETTING

### REGIONAL GEOLOGY

The following summary of the Regional Geology of the Lang Lake Greenstone belt is summarized from Magnus, 2014.

The Lang Lake greenstone belt is located in the central Uchi domain, along its northern boundary with the core of the North Caribou terrane. The Uchi domain has been interpreted to represent mostly Neoproterozoic and locally Mesoproterozoic supracrustal and intrusive rocks built upon the Mesoproterozoic, predominantly tonalitic to granodioritic core of the North Caribou terrane.

Five stratigraphic packages have been tentatively delineated within the belt based on lithological and geophysical data, including 3 volcanoclastic packages and 2 sedimentary packages (Figure 3).

Packages A and B are composed of very similar facies and will thus be described together. These packages are dominated by mafic rocks, which are composed mainly of mafic massive to pillowed flows, with a relatively high proportion of interflow mafic sediments including interbedded magnetite-chert-siltstone iron formations.

Pillows observed within these packages are quite texturally homogenous, present as moderately sized (25 cm to 1 m long) bun-shaped pillows with 1 to 1.5 cm thick rinds, round- and pipe-shaped vesicles (quartz-filled amygdules) commonly developed adjacent to the rinds, sparse vesicles developed within the core of the pillows, and 0.5 to 1.5 cm of recrystallized hyaloclastite material interstitial to individual pillows. Epidote alteration of the pillow cores was only rarely observed. Well-formed pillow cusps indicate tops to the south for Package A, and tops to the north for Package B; a major point of evidence cited by Fenwick (1970, 1971) and Fenwick and Srivastava (1972) for their interpretation of the belt as a syncline.

The mafic sediments observed were composed of very fine-grained to medium-grained material with bedding defined by compositional banding on a macro scale (up to 10 cm thick) containing parallel bands and dismembered lenses of magnetite-chert ± siltstone iron formation. It is uncertain whether the dismemberment of these beds was a consequence of depositional process and setting or of later tectonism-related strain, and thus this feature of the iron formations cannot confidently be used to interpret the nature of their deposition. The siltstone portion of these formations is compositionally variable and has been observed as both biotite-muscovite- and chlorite-dominated, indicating a mixture of volcanogenic and continental sources for the pelagic sediment load.

Several lenses of felsic to intermediate volcanoclastic rocks are intercalated with mafic pillowed flows in the Saddle Lake–Boyes Lake area, as well as a singular occurrence of calc-silicate rock (diopside, epidote, calcite and quartz) closely associated with a zinc-lead-silver occurrence (Puumala, 2009).

Several coarse-grained plagioclase phyric gabbroic intrusions are present at the east end of Package B, and it is currently unclear whether these are related to the other gabbroic rocks throughout the belt. Numerous incursions of late granodiorite to pink pegmatitic granite into amphibolitized rocks of both Packages A and

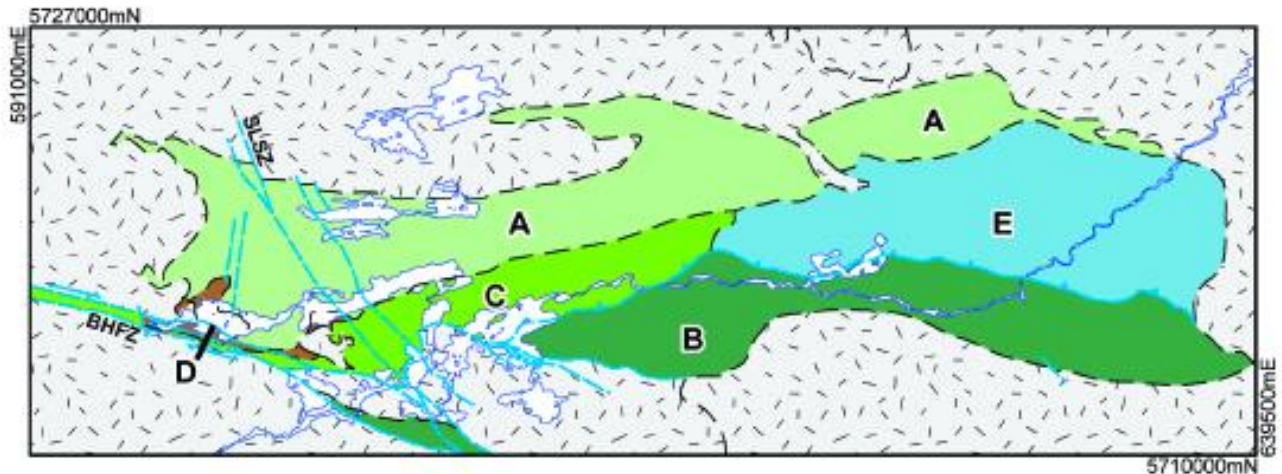


Figure 4: Illustration of the supracrustal depositional packages described herein. Abbreviations: BHFZ, Bear Head Fault Zone; SLSZ, Saddle Lake Shear Zone. After Magnus, 2014.

B indicate that these rocks have intrusive contacts with the surrounding batholiths and were not transported into contact by tectonic processes.

Several coarse-grained plagioclase phyric gabbroic intrusions are present at the east end of Package B, and it is currently unclear whether these are related to the other gabbroic rocks throughout the belt. Numerous incursions of late granodiorite to pink pegmatitic granite into amphibolitized rocks of both Packages A and B indicate that these rocks have intrusive contacts with the surrounding batholiths and were not transported into contact by tectonic processes.

Package C is dominated by mafic volcanic to volcanoclastic rocks including aphyric (with rare plagioclase phenocrysts) massive to pillowed flows, discrete beds of well-preserved granular hyaloclastite, pillow breccia to agglomerate (Photo 3.1B). Pillows are irregularly shaped with poorly developed cusps, and range in size from 8 to 50 cm long with 1 cm rinds and 1 to 1.5 cm of interstitial hyaloclastite. Round quartz-filled amygdules are common, and on a horizontally cut surface show an even distribution of amygdules around all sides of the pillows, suggesting that locally beds are oriented horizontally and the right way up. Several occurrences of pillows with variolitic cores have been observed.

The remainder of Package C consists of felsic volcanic to volcanoclastic rocks present in several elongate S-folded bands, including massive to flow-banded coherent flows (locally in peperitic contact with accretionary lapillistones), lithic-rich lapillistones, finer tuffaceous rocks interbedded with mudstone, and several outcrops of epiclastic material, such as massive felsic volcanic cobbles in a silty chloritic matrix.

Fine-grained aphyric to plagioclase phyric mafic dikes have been observed crosscutting many of the rock types throughout this package and several discrete gabbro-textured bodies are present within the package; however, the affinity of these intrusions remains uncertain pending geochemical analysis.

Package D consists of variably interbedded siltstones and mudstones, tuffaceous siltstones and mudstones, and thinly bedded felsic fine ash tuffs to quartz and potassium feldspar crystal-bearing ash tuffs. The relationship between these rocks and the intermediate to mafic volcanic and volcanoclastic

rocks proximal to the Bear Head fault remains uncertain and may require more detailed mapping efforts.

Package E comprises mainly garnetiferous sandy to muddy arkosic wacke and para-amphibolite, with several bands of iron formation, which is present as both magnetite-chert-siltstone facies to garnet-amphibole-magnetite schist within the same horizons along strike.

One significant facies within Package E is a polymictic clast- to matrix-supported cobble to pebble (with rare boulder-sized) oligomictic metaconglomerate with a fine matrix that varies between wacke and chlorite, which outcrops on the shores of and west of Cannon Lake and in some smaller lenses towards the north and on the north shore of Card Lake. The larger clasts are dominated by felsic intrusive clasts, such as quartz porphyritic tonalite and granodiorite clasts, with minor populations of mafic to felsic volcanic clasts, mafic intrusive clasts and possible sedimentary clasts. Clasts appear to be moderate to well rounded, although shearing during deformation may have further enhanced their roundness. Lenses of finely layered arkosic wacke have been observed within the conglomerate at several localities.

### Structure and Metamorphism

Metamorphic grade increases from greenschist facies in the centre of the belt, to mid amphibolite facies out towards the surrounding plutons.

A prominent east-trending schistosity occurs across the entire belt north of Lang Lake and east of McVicar Lake. This major deformation event occurred after emplacement of the surrounding plutons. Subsequently, the emplacement of the pluton west of Lang Lake caused local folding, as evidenced by the iron formations. Afterwards, an east-directed shortening caused this fabric to become a composite kink fold, as seen in the west end of Lang Lake.

The Bear Head fault, a major regional shear zone, intersects the greenstone belt at its southwest corner and continues southeast into the Meen–Dempster greenstone belt. The extent of the effects of the Bear Head fault laterally into the greenstone belt is currently unknown and requires a more detailed structural analysis. The dextral displacement documented elsewhere along this fault (Osmani and Stott 1988) is consistent with anastomosing networks of very wide, dextral shear zones observed at the west end of Lang Lake. Scarce evidence suggests that north-side down normal displacement may have occurred along the east-striking splays of the Bear Head fault.

The latest deformation is a 20km wide ductile shear zone, that intersects the Bear Head fault at the west end of the McVicar Lake. This widespread deformation event can be seen on the map pattern offsetting the contact between mafic metavolcanic (greenstone rock) and the plutons on the north edge of the map.

### Alteration and Mineralization

Structures related to mineralization and alteration are present within both the supracrustal rock packages and the intrusive rocks on the greenstone belt. Significant zones of mineralization are described below and shown in Figure 4.

- Pervasive alteration (variable ankerite-chlorite-sericite-pyrite alteration assemblages) is present parallel to east-striking shear zones which transect tonalitic (i.e., the Sor Lake sill and Shonia Lake stock (McKay 2003)) and gabbroic, dioritic and anorthositic intrusive rocks (i.e., the Altered

Zone and Chellow Vein (McKay 2003)) in the McVicar Lake area, which host significant gold values in both the altered rock and shear-hosted quartz veins. The most intense alteration was observed along the sheared contact between these intrusive rocks and the surrounding supracrustal rocks, with some shear zones containing textural evidence for both sinistral and dextral motion.

- Several instances of massive to disseminated magmatic nickel-copper-sulphide mineralization have been observed in the metagabbros in both the intrusive complex and at the southeast end of the greenstone belt.
- Low-grade gold and copper mineralization was described west of Lang Lake in the early 1960s. This was hosted in sulfide mineralized quartz veins and stringers in the supracrustal rocks and dike and sill intrusions.
- A lead-silver occurrence is located along the northern shore of Lang Lake. This consists of several highly ankeritized dikes that crosscut sheared mafic rocks. Disseminated fine-grained euhedral galena is visible within this suite.

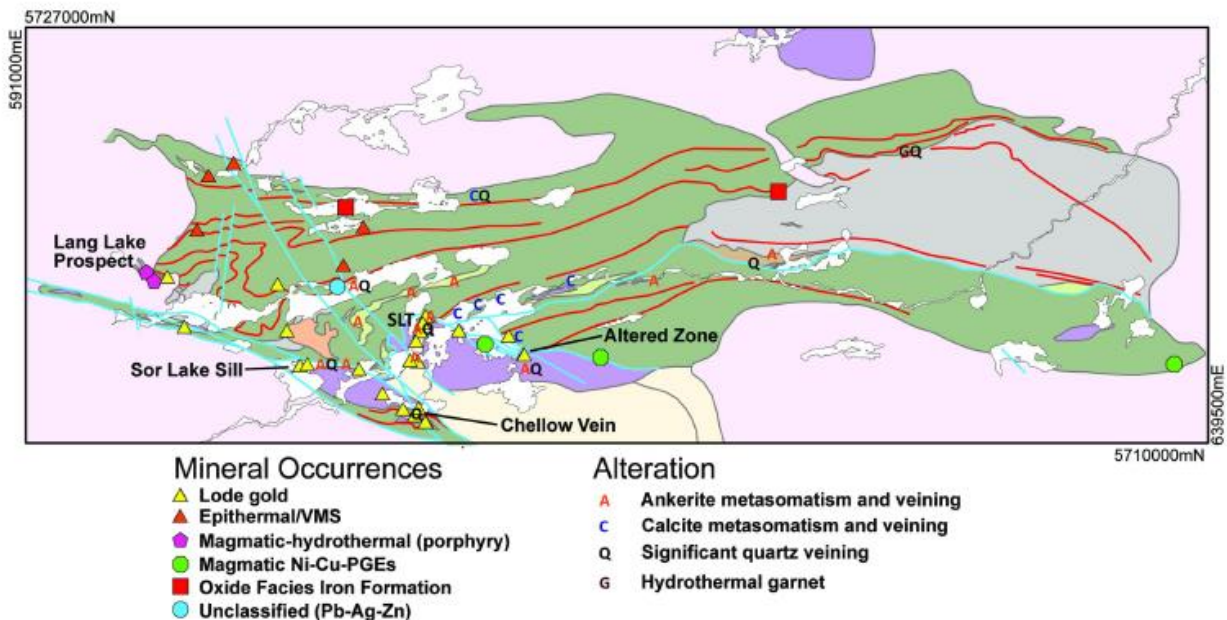


Figure 5: Mineral Occurrences in the Lang Lake Greenstone Belt. After Magnus, 2014.

## PROPERTY GEOLOGY AND MINERALIZATION

The McVicar property is underlain by mafic to felsic metavolcanic rocks with interbedded iron formation, mafic to felsic intrusive rocks, and later tonalite intrusions, and is cross-cut by multiple major NW trending shear structures and secondary splays. The property hosts 3 known styles of gold mineralization in 26 occurrences, including 1) altered tonalite intrusions (e.g., Shonia occurrence: MDI 52O11SW 00007), 2) discrete auriferous quartz veins (e.g., Chellow Vein: MDI 52O11SW 00004), and 3) mineralized shear zones (e.g., Altered Zone: MDI 52O11SW 00012, North Flexure Zone: MDI 0000000 00284). The highest priority targets and the focus of the 2022 exploration program were the Bear Head

Zone (using the parallel Chellow Vein as an exploration analog), and the Altered Zone/North Flexure shear (Figure 6).

#### CHELLOW VEIN

The highest gold grades discovered to-date are found at the Chellow Vein outcrop; where narrow (less than 20cm) quartz veins carrying sulfides and local visible gold are exposed for a strike length of approximately 125m. BHP Minerals Canada conducted exploration work in the early 1990s at the Chellow Vein, returning a series of 34 channel samples that were cut normal to the vein at approximately two-meter intervals along the length of the vein exposed in the trenches. The average value of the 34 samples was 28.8g/t gold. Three samples (#1078, #1090, #1096) returned bonanza-grade assays of 578.1 g/t Au, 533.5 g/t Au, and 412.5 g/t Au, respectively. Resampling by Prospector Consolidated Resources in 2002 yielded more high-grade results including a smoky-grey quartz vein grading 827.4 g/t gold. Very limited drill testing below the known showings in the early 1990s did not yield significant gold results likely due to the pinch and swell nature of the veins and mineralized plunges, however the Chellow Vein is hosted in a much broader (1-2km wide) high-strain or deformation zone (the Bear Head Fault) characterized by a series of parallel-trending shears that have not been systematically tested.

#### BEAR HEAD ZONE

A second, parallel mineralized quartz vein system was discovered in 2021 by Cross River geologists. Smoky quartz veins were sampled 600m south of the Chellow Vein, defining a NWW topographic ridge system identified through LiDAR, as well as a distinct magnetic break. Veining here is continuous throughout exposed outcrop along the ridge system over +700m strike length, with samples returning 1.415 g/t gold and 19.75 g/t gold in quartz veins. These samples were found along strike of a 4.22 g/t gold sample collected by Wildcat in 2012. This newly defined target was named the Bear Head Zone due to its location within the Bear Head Fault structural system. It was prioritized for drill testing during the 2022 exploration program.

#### ALTERED ZONE & NORTH FLEXURE

The altered zone and north flexure define a northwest trending, shallowly northeast dipping zone of intense shearing, alteration and mineralization which constituted the target of interest throughout the 1986 and 1987 drill programs conducted by BHP. They comprise zones of intensely sheared mafic volcanic, abundant green mica, intermediate intrusive and massive to semi-massive quartz – with gold and copper mineralization. This intense structural domain is locally exposed at surface, and was stripped, trenched, and mapped by Continuum Resources in 2003. Their work indicates that the gold mineralization is localized primarily within discrete, syntectonic "fault-fill" quartz +/- Fe-carbonate veins. These veins are lens-shaped in plan and vary in size up to approximately 3 by 6 m. The veins typically contain trace to minor amounts of pyrite +/- rare chalcopyrite and locally contain narrow ribbons and septa of intensely altered, pyritic gabbro. Channel samples collected across the width of these veins returned assay values of up to 12.77 grams gold per tonne over 0.80m (Continuum, 2003).

Drill-testing by BHP in the 1980s returned results including 6.46 g/t Au over 10.09m (including 29.86 g/t over 1.86m), 5.5 g/t Au over 3.6m, 11.72 g/t Au over 1.52m, 33 g/t Au over 1.86m, 5.0 g/t Au over 2.74m, and 9.3 g/t Au over 2.02m, among numerous other high-grade intercepts (summary of historic drilling listed in Wildcat Exploration Ltd, 2013 report). Structural interpretation along this shear corridor using airborne magnetic data from 2011 has revealed several potential structural splay zones associated

with the Altered and North Flexure occurrences, suggesting opportunities for new discoveries along with trends and parallel to these significant previously known occurrences.

Among the 26 other mineral occurrences known on the McVicar property (primarily gold) is the Lang Lake porphyry copper deposit with an inferred resource from 1971, on the western extent of the property. The eastern extent of the property including the Cannon Lake area has seen little exploration, however, mapping by the OGS in 2016 revealed high-intensity east-west shearing, iron formations, and quartz veining.

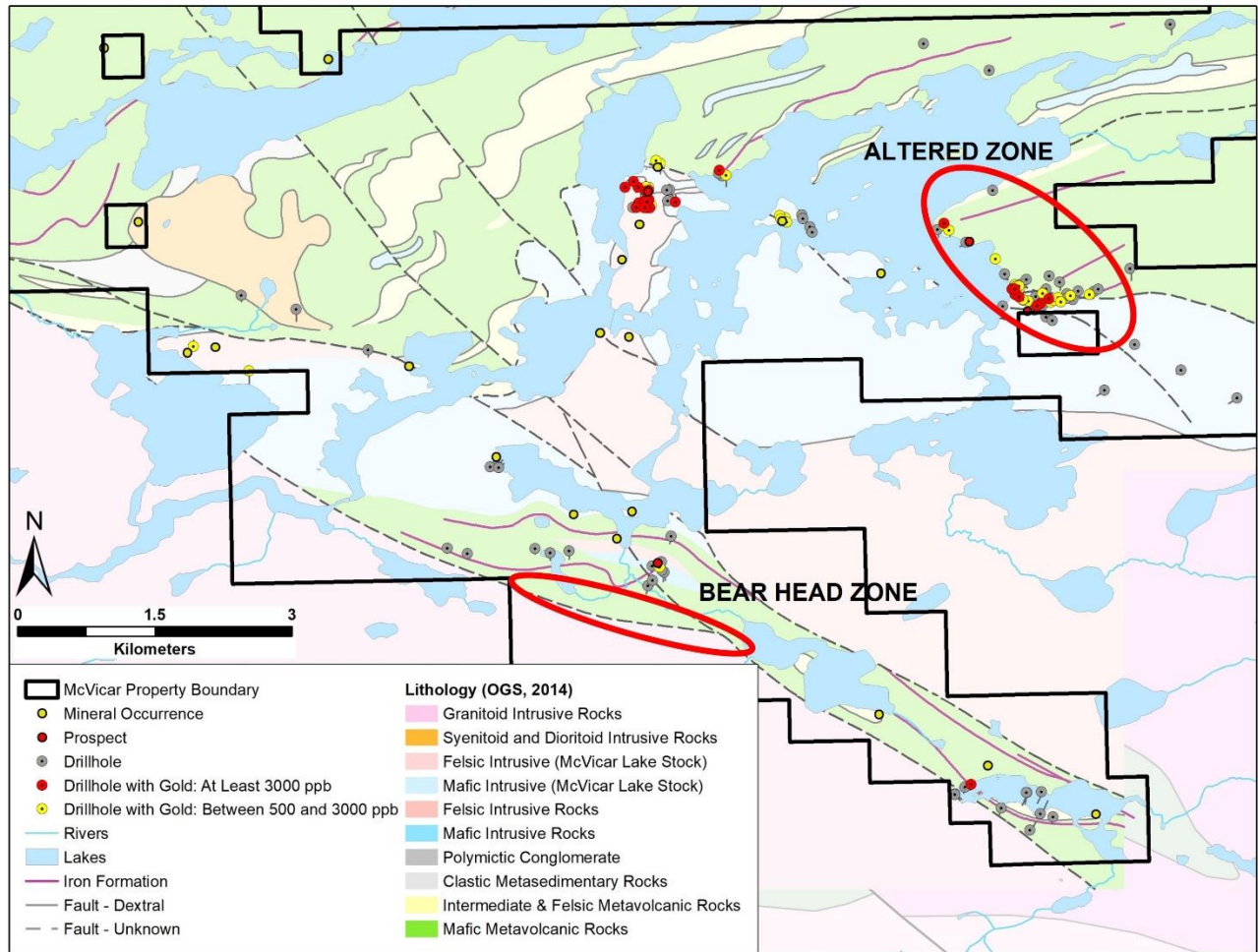


Figure 6: Main exploration targets on the McVicar Property.

## 2022 EXPLORATION PROGRAM – BEAR HEAD ZONE

### PURPOSE

The McVicar – Bear Head Zone 2022 diamond drill program had 1 main objective;

- To complete ~2500m of NQ diamond drilling over the newly discovered Bear Head Zone gold target on the Bear Head Fault zone. Eight drillholes were planned to test the depth and strike extension of quartz-vein hosted gold sampled on surface during the 2021 reconnaissance prospecting program.

### LOGISTICS, PERSONNEL, AND TIMELINE

The drill program was executed on permitted claims, under Instruments PR-21-000085 and PR-21-000347.

A temporary winterized tent camp was established along the Cat Lake Winter Road to support the drill program operations through road-accessible transportation of supplies, fuel, drill equipment, and personnel. The camp setup and operations were contracted to Expedition Camp Services and Expedition Logistics out of Cochrane, Ontario and setup began in mid February. The winter road was utilized whenever possible, but some equipment had to be slung into camp from Slate Falls due to inclement weather and challenging road conditions. Helicopter support for drill mobilization and moves was done by Expedition Helicopters with an A Star 350SD2.

During camp setup, a trail-cutting crew mobilized to site to begin establishing and marking a snowmobile trail leading from camp to the drill-sites, as well as clearing drill sites. The crew was contracted from A-Star Prospecting out of Thunder Bay, Ontario.

Project management staff was provided by Vector Geological Solutions out of North Vancouver, who managed the entire project for Cross River Ventures Corp. Geological and geotechnical staff was provided by Bayside Geoscience out of Thunder Bay, Ontario.

Two diamond drills set-up for helicopter mobilization and NQ coring were brought in by Major Drilling for the duration of the program. Drilling started in late February and continued until weather induced deterioration of the Cat Lake Winter Road in early April.

### EXPENDITURES

The tabulated cost of the 2022 Bear Head Zone diamond drill program was approximately \$1,803,948.87. This accounts for 66% of the total program cost of \$2,733,255.86, which includes drilling conducted at the Altered Zone target area during the winter 2022 program. Costs have been divided between the two areas based on percentage of meterage drilled. A detailed statement of expenditures is provided in Table 1, and contractor invoices can be found in Appendix F.



Table 1: Expenditures for 2022 diamond drilling at the Bear Head Zone target. NOTE: Total expenditures include drilling at the Altered Zone, which has been submitted as a separate assessment report.

Category Type	Comment				
<b>Personnel</b>		<b>Man Days</b>	<b>Rate</b>		<b>Subtotal</b>
Project Manager/Chief Geologist		56	\$ 700.00	\$	39,200.00
Logging Geologists		62	\$ 700.00	\$	43,400.00
Geotech		60	\$ 500.00	\$	30,000.00
Core Cutter		60	\$ 450.00	\$	27,000.00
Pad building/Trail Crew		147	\$ 500.00	\$	73,500.00
Personnal Supplies + Travel				\$	89,827.46
<b>\$</b>					<b>302,927.46</b>
<b>Drilling</b>		<b>Unit</b>	<b>Rate</b>		<b>Subtotal</b>
Meterage, Crew, Transport	rate includes drill mobe/demobe	3473.7	\$ 311.57	\$	1,082,298.30
Sample Analyses	1908 core and QAQC samples	1908	\$ 70.80	\$	135,086.40
<b>\$</b>					<b>1,217,384.70</b>
<b>Helicopter</b>		<b>Hours</b>	<b>Rate</b>		<b>Subtotal</b>
Flight hours		210.37	\$ 1,648.00	\$	346,687.10
				\$	<b>346,687.10</b>
<b>Camp and Logistics</b>					<b>Subtotal</b>
Camp Rental and Build				\$	524,961.90
Camp Staff, Food and Supplies				\$	68,245.57
Additional Expediting Support	road maintenance, snow removal			\$	40,000.00
<b>\$</b>					<b>633,207.47</b>
<b>Fuel</b>					<b>Subtotal</b>
Diesel	drills, heating, camp heat			\$	180,401.22
Jet Fuel	helicopter			\$	52,647.91
<b>\$</b>					<b>233,049.13</b>
				\$	2,733,255.86
<b>Bear Head Zone Portion</b>	<i>(accounts for 66% of total)</i>			\$	<b>1,803,948.87</b>

## DRILLING, LOGGING, AND SAMPLING PROCEDURES

During the period of February 28<sup>th</sup> to April 1<sup>st</sup> 2022, a total of 2281.50m meters of drilling was completed in 8 NQ size diamond drillholes at the Bear Head Zone. Core produced during the 2022 program was logged and samples on site at the Exploration Camp, as well as in Thunder Bay, Ontario at Bayside Geoscience's core logging facility. After the program, core was stored at Bayside's storage facility in Thunder Bay, Ontario. Collar information for the eight drill holes is listed in Table 2 and a plan map of the drill collars and traces is presented in Figure 3.

2022 drill collars were surveyed using a Garmin global positioning system (GPS). The drill hole naming system consists of the target shorthand (BH for Bear Head Zone), followed by a two-digit year allocation and two-digit number increasing by one for each consecutive hole drilled. Each hole was capped and marked, and casing was left in should it need to be deepened at a future date.

Collar azimuths were surveyed in with a Brunton compass with a declination set to -3.53 degrees (west). The dip of the hole was set on the drill rig using a digital smart tool with a precision of one tenth of a degree.

Down hole directional surveys were taken soon after collaring and then every 50 meters thereafter using a Reflex EZ-shot survey tool. This survey tool provides single point measurements of azimuth and dip with estimated precisions of  $\pm 0.5^\circ$  and  $\pm 0.2^\circ$ , respectively. Down hole survey results are presented in Appendix B. Generally speaking the short drill holes did not bend or shallow up very significantly.

Core was flown directly from the drill pad to the core logging facility at the winter camp where it was immediately viewed for quick logging, and then detailed logging and sampling was carried out. Due to time constraints, some of the core was trucked to Thunder Bay after the program for detail logging and sampling at Bayside's core logging facility in Thunder Bay, Ontario.

An oriented core system was utilized at one of the drills to obtain accurate structural measurements of foliations, faults, and veins. Each drill run has a grease pencil mark placed on the end of the last piece of core. This mark indicates the bottom or keel of the core run. Core loggers reassembled each run in a v-rail in the core shack and etched the bottom mark along the entire length. Alpha and beta measurements for structures were taken from this bottom mark using a transparent HQ template that wraps around the core diameter.

Geologists marked out sample intervals based primarily on perceived metal and sulfide content and intensity of alteration with a maximum sample length of 3 meters, and a minimum length on 0.30 meters. Each sample was given a unique number from a three part tag system. One part of the tag was stapled into the core box, while one part was placed into the bag sent to the lab for analyses. All core was photographed after sample intervals were marked out. Each sample interval was cut in half with an electrically powered rock saw and one half of the interval was placed in a labelled, zip-tied poly bag. Sample bags were grouped into ziplocked rice bags and transported by truck to ALS Minerals Prep lab in Thunder Bay, Ontario.

Quality Assurance Quality Control (QAQC) samples of three types were introduced to the sample stream at roughly one in every 20 samples and with greater use around significant mineralization. The QAQC samples included three unmarked pulp standards, coarse limestone blanks, and quarter cut field duplicates.

Each core box was stapled with an aluminum tag bearing the hole number, box number, and from/to meterage.

## ANALYTICAL PROCEDURES

Samples were delivered directly to ALS Global Minerals Laboratory in Thunder Bay, Ontario, where they were prepped for analyses. Prepped samples were then shipped by ALS to their Vancouver location for analytical procedures. Upon receipt at ALS in Thunder Bay, the samples were entered into the ALS data management system, weighted, dried, and crushed to ensure that 70% passes through a 2mm sieve. A 250g split of the crushed material was then pulverized to greater than 85% passing through a 75 $\mu$ m sieve (ALS prep code PREP-31).

Prepared samples were digested to complete dryness with a four acid solution of (2:2:1:1) H<sub>2</sub>O-HF-HClO<sub>4</sub>-HNO<sub>3</sub>. Following digestion, 50% HCl was added to the residue and heated using a mixing hot block. After cooling, the solutions were transferred to test-tubes and brought to volume using dilute HCl. Sample splits of 0.25g were analyzed for a suite of elements by ICP-MS (ALS prep code ME-MS61).

Samples from the Bear Head Zone were analyzed for gold using ALS code Au-ICP22. A 50g homogenised and pulverised sample is mixed with flux composed of PbO and SiO<sub>2</sub> with variable amounts of borax, soda ash and other reagents. The flux and sample are mixed, then heated at high temperature (>1,000°C) to decompose rock lattices and allow gold within the sample to be collected into a lead button. The button is placed in a porous cupel and heated again in an oxidising environment to convert lead to lead oxide that is absorbed into the cupel, leaving the precious metals behind as a doré bead or prill. Overlimit analyses for gold >10,000ppm is then analyzed with ALS code Au-GRA22 using a 50g split and gravimetric finish.

## ANALYTICAL QAQC

Quality control measures instituted by ALS Laboratories include inserting standards and blanks, and re-assaying one in every 20 to 30 samples a second and third time. Higher-grade samples are re-assayed with greater frequency than the others.

To ensure accuracy, quarter-cut core field duplicates and a series of blanks and standards supplied by Cross River were also introduced by logging geologists into the sample stream at a rate of approximately 1 per every 20 samples. Additionally QAQC samples were included around zones of suspected mineralization.

Tables identifying all QAQC samples and sample intervals for analysis of standard assays, are provided in Appendix D.

## 2022 EXPLORATION RESULTS – BEAR HEAD ZONE

The 2022 diamond drill program at McVicar safely and effectively achieved two major goals;

- 1) Testing the newly discovered Bear Head Zone for gold mineralization at depth and along strike from surface showings. The drill campaign successfully encountered high-grade gold mineralization in this never-before tested target along the regional Bear Head Fault.
- 2) Confirm gold mineralization and expand geologic understanding at the Altered Zone historic gold target. Drilling here successfully extended the plunge of known gold mineralization, and provided geologic context for future targeting efforts in the Altered Zone, North Flexure Zone, and elsewhere on the property. *Results from Altered Zone drilling can be found in supplementary assessment report.*

The Bear Head Zone was tested with 8 drillholes (BH-22-01 to BH-22-08) for a total of 2281.50m. Drillhole Collar locations are provided in Figure 3, and Table 2. All eight holes drilled at the Bear Head Zone encountered anomalous gold mineralization (samples >0.25 g/t gold), and the highest grade sample of the program was taken from BH-22-02 and graded 41.4 g/t gold over a length of 0.50m.

Detailed descriptions of the drillholes are provided below, and significant intercepts are presented in Table 3. Drill logs are provided in Appendix C, Assay Tables are provided in Appendix D, Lab Certificates in Appendix E, and cross-sections in Appendix G.

Table 2: Collar locations and information for 2022 Bear Head Zone drillholes. \*Excludes QA/QC samples.

2022 Drill Hole Collars Summary Table							
Name	Easting	Northing	Azimuth	Dip	Total Depth (m)	# of Samples*	# of Assays*
BH-22-01	607046	5710311	180	-50	185.5	91	91
BH-22-02	607339	5710346	180	-50	206	143	143
BH-22-03	607441	5710279	180	-50	192	94	94
BH-22-04	607537	5710331	180	-50	290	121	121
BH-22-05	607441	5710280	0	-50	449	273	273
BH-22-06	607642	5710291	180	-50	225	105	105
BH-22-07	607642	5710291	0	-50	489	266	266
BH-22-08	607760	5710288	180	-50	245	86	86

## DRILLHOLE SUMMARIES

### **BH-22-01 (Az: 180°, Dip: -50°)**

BH-22-01 is the westernmost hole drilled at the Bear Head Zone and is designed to test an east-west trending quartz vein zone beneath the 1.415 g/t Au sample collected on surface in 2021. BH-22-01 cut 16 meters of overburden before intersecting chlorite-carbonate altered mafic metavolcanic rocks containing instances of moderate shearing with minor intervals of sericite-silica alteration, with up to 5% grey to white quartz veinlets. The best gold intercept occurs between 16-19 meters downhole and averages 0.356 g/t Au. Pyrite and pyrrhotite are present as fine disseminations and as a stringer veinlet network. At 78m, the hole intersected an intrusive tonalite body to EOH at 185.5m.

### **BH-22-02 (Az: 180°, Dip: -50°)**

BH-22-02 was drilled 300m east of BH-22-01 and targeted an east-west oriented magnetic high feature located north of the quartz-veined topographic ridge system tested by BH-22-01. After 25 meters of overburden, the hole intersected an intensely sheared clastic sedimentary rock (argillite) that contains smokey quartz veins, disseminated pyrite and pyrrhotite. From 44 -163m downhole, chlorite-calcite altered mafic metavolcanic rocks were intersected, with locally strong shearing, and intermittent zones of moderate sericite and silica alteration. From 62-67m interbedded banded-iron-formations were noted, often with up to 8% banded pyrite and pyrrhotite. The mafic metavolcanic unit (72 to 155 meters downhole) contains narrow smoky grey and white quartz veinlets creating a broad low-grade gold halo (samples up to 1.17 g/t Au, 0.23% Cu over 1m), as well as a **0.5m meter sample with 41.1 g/t Au, where a 20cm (true width unknown) smoky quartz vein contains visible gold**, chalcopyrite and pyrrhotite. At 163m the hole intersected tonalite intrusion to EOH at 206 meters.

### **BH-22-03 (Az: 180°, Dip: -50°)**

BH-22-03 was drilled 100m east of BH-22-02 and targeted the quartz-veined ridge topographic high, specifically below the 19.75 g/t Au sample collected in 2021. After 15 meters of overburden the hole intersected chlorite altered mafic metavolcanic rocks to 117 meters downhole. The metavolcanic rocks are moderately sheared (locally) and contain smoky-grey and white quartz veins, quartz breccia, and sulfide stringers with sericite halos. From 20m to 105m downhole, a low-grade gold envelope is present

(similar to BH-22-02). The highest grade sample was taken from a moderately veined interval with foliation-hosted pyrite, pyrrhotite and chalcopyrite, grading **3.23 g/t Au and 1.185% Cu over 0.47m**. From 117m to 192m (EOH), the tonalite intrusion was intersected and intermittently cut by fine-grained mafic dykes.

**BH-22-04 (Az: 180°, Dip: -50°)**

BH-22-04 was drilled 100m east of BH-22-03 and targeted a quartz-vein topographic high ridge with a coincident magnetic anomaly (high). Below 28 meters of overburden the hole cut interbedded clastic metasedimentary rocks (argillite), mafic metavolcanic rocks, and banded iron-formations (locally enriched in arsenopyrite and pyrite) to 97m depth. From 97m to 181m, mafic metavolcanic rocks are present cut locally by fine-grained mafic intrusions (dykes). The mafic metavolcanic rocks are cut by 2-3% smoky-grey to white quartz veinlets which ran up to 0.895 g/t Au & 0.243% Cu over 1m. From 181m to 290m (EOH) the hole intersected tonalite intrusion cut by mafic dykes.

**BH-22-05 (Az: 0°, Dip: -50°)**

BH-22-05 was drilled toward the north and cut a topographic/magnetic low situated between the Bear Head Zone surface exposure and the Chellow Vein (600m to the north). After 26 meters of overburden, the hole intersected sheared argillite to 224m depth. The argillite is locally pyrite +/- pyrrhotite bearing in foliation parallel layering with occasional coarse arsenopyrite. From 224m to EOH at 449m, the hole intersected foliated chlorite-calcite altered mafic metavolcanic rocks (local argillite interbeds) with narrow zones of sulfides, and minor quartz-carbonate veining. **The highest grade gold sample occurred at 63.4m in the sheared argillite, with 0.256 g/t Au, 32.6 g/t Ag, 0.483% Zn, and 0.476% As over 0.5m.**

**BH-22-06 (Az: 180°, dip: -50)**

BH-22-06 was drilled 100m east of BH-22-04 and targeted a quartz-veined topographic high ridge system and coincident magnetic high anomaly. After 20 meters of overburden the hole cut the sheared argillite unit down to 59m, followed by banded iron formation interbedded with mafic metavolcanic rocks down to 67m downhole. From 67-165m, chlorite altered mafic metavolcanic rocks were cut by sparse intermediate to mafic dykes, and local zone of sericite + silica alteration. The mafic metavolcanic unit contains 2-5% smoky-grey to white quartz veins, with increasing sulfide abundance (pyrite + pyrrhotite + chalcopyrite) moving downhole, grading up to 0.42 g/t Au over 2m, and up to 0.16% Cu over 1m. From 165m to 225m the tonalite intrusion was intersected and intermittently cut by fine-grained mafic dykes.

**BH-22-07 (Az: 0°, Dip: -50°)**

BH-22-07 was drilled towards the north to test the topographic/ magnetic low situated between the Bear Head Zone surface exposure and the Chellow Vein (600m to the north). After 21 meters of overburden, the hole intersected the same lithologic sequence as BH-22-05, with strongly sheared argillite down to 234m, followed by chlorite-altered mafic metavolcanic rocks down to EOH at 489m. Within the mafic metavolcanic unit from 454-488m downhole, quartz + carbonate breccia veins up to 50cm wide with trace chalcopyrite, pyrrhotite and pyrite were intersected. The highest grade gold sample occurred at 429m downhole in the mafic metavolcanic rocks, with 0.267g/t Au over 2m.

### **BH-22-08 (Az: 180°, dip: -50)**

BH-22-08 is the easternmost hole drilled at the Bear Head Zone and is designed to test an east-west trending quartz veined topographic ridge system. BH-22-08 cut 12 meters of overburden before intersecting sheared argillite containing local concentrations of banded sulfides (pyrite, pyrrhotite, and arsenopyrite), with samples in this unit grading up to 0.328% Zn and 0.471% As over 1m. At 74m, the hole intersected mafic metavolcanic rocks, cut by narrow smoky grey-white quartz veinlets and trace sulfides which ran up to 1.1 g/t Au over 1m, and 0.403% Cu and 0.269 g/t over 0.51m. From 185-245m (EOH) the hole intersected tonalite intrusion cut by minor mafic dykes.

## DRILLING CONCLUSIONS

### BEAR HEAD ZONE

The results from the 8 holes drilled at the newly discovered Bear Head Zone target are very encouraging. The target has no prior drilling and very limited prospecting prior to Cross River's 2021 field campaign.

The Bear Head Zone was discovered in 2021 when Cross River field crews mapped and sampled smoky quartz veins hosted in mafic metavolcanic rocks along a coincident LiDAR ridge system and magnetic break, defining +700m strike length of samples up to 19.75 g/t gold. The zone is located just 600m south of and parallel to the historic Chellow Vein (with surface samples up to 827.4 g/t Au) and is situated at the fertile sheared contact between mafic metavolcanics and granite, along the Bear Head Fault.

In the 2022 program, drillholes were positioned to target the mineralized ridge system and coincident magnetic anomaly, as well as the topographic low situated between the Bear Head Trend and the Chellow Vein, identified in LiDAR. The drillholes encountered significant gold mineralization including 41.4 g/t Au over 0.5m (BH-22-02) with visible gold hosted in smoky sheared quartz veins (Figure 7). Other notable intercepts include 0.51g/t Au over 5.23m (BH-22-02) and 3.23 g/t Au over 0.47m (BH-22-03). All eight drillholes intercepted gold mineralization >0.25 g/t Au. Sample intervals and assays are shown in Appendix D, with original ALS lab certificates shown in Appendix E.

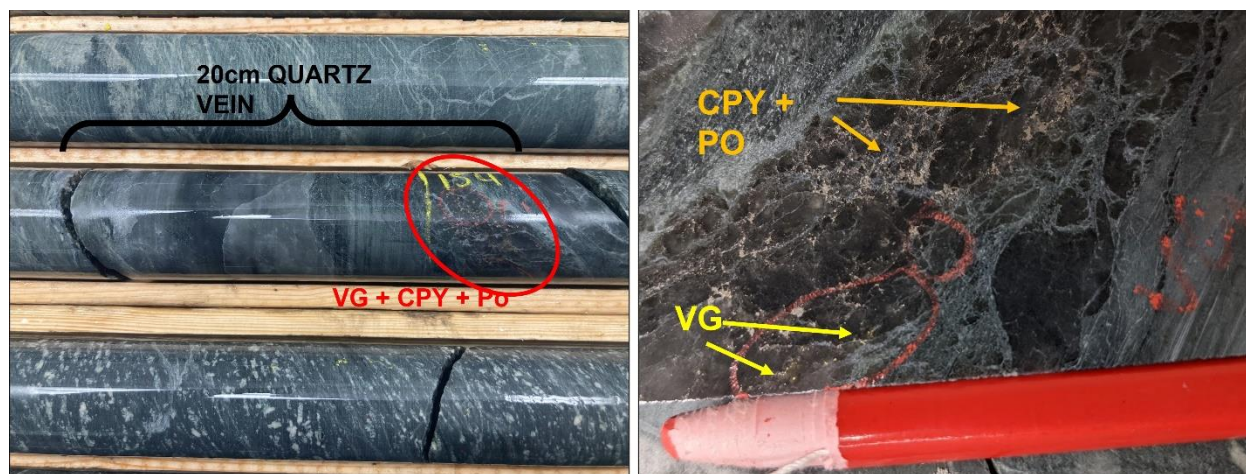


Figure 7: BH-22-02: Visible gold, chalcopyrite, and pyrrhotite in core. Sample graded 41.1 g/t gold over a 0.5m interval.

Table 3: Significant assay results from the Bear Head Zone. All intervals with >0.1 g/t gold are shown.

Significant Assay Results - Bear Head Zone				
Drill Hole ID	From (m)	To (m)	Length (m)	Au (g/t)
BH-22-01	16	19	3	0.356
BH-22-02	72.37	77.6	5.23	0.507
<i>incl.</i>	74.6	75.6	1	1.17
BH-22-02	87	94	7	0.15
<i>incl.</i>	90	91	1	0.612
BH-22-02	115	118.2	3.2	0.361
<i>incl.</i>	117	118.2	1.2	0.737
BH-22-02	150.1	150.6	0.5	0.689
BH-22-02	153.75	154.25	0.5	41.1
BH-22-03	21	28	7	0.237
<i>incl.</i>	22	23	1	0.968
BH-22-03	43.36	43.83	0.47	3.23
BH-22-03	47.25	51	3.75	0.405
<i>incl.</i>	47.85	49	1.15	0.97
BH-22-03	73	74	1	0.135
BH-22-03	97.1	99.1	2	0.155
BH-22-03	103.1	105.1	2	0.488
BH-22-04	95	98	3	0.112
BH-22-04	124	132	8	0.238
<i>incl.</i>	125	126	1	0.895
BH-22-04	141	142	1	0.228
BH-22-04	151	152	1	0.135
BH-22-04	155	156	1	0.811
BH-22-04	162	165	3	0.12
BH-22-05	63.4	63.9	0.5	0.256
BH-22-06	66.95	67.45	0.5	0.132
BH-22-06	83	84	1	0.12
BH-22-06	87	89	2	0.364
BH-22-06	95	98	3	0.232
BH-22-06	111	116	5	0.126
BH-22-06	128	129.5	1.5	0.117
BH-22-06	138	140	2	0.42
BH-22-06	165	166	1	0.154
BH-22-07	429	431	2	0.267
BH-22-08	74	75	1	0.15
BH-22-08	104	106	2	0.198
BH-22-08	127.7	128.21	0.51	0.269
BH-22-08	133	134	1	1.1
BH-22-08	144	148	4	0.238

## CONCLUSIONS AND RECOMMENDATIONS

The 2022 diamond drill program on the McVicar Gold property was successful in testing two prominent gold targets including the Bear Head Zone and the Altered Zone. Drillholes at both targets intersected high grade gold mineralization, with the best sample from the Bear Head Zone returning 41.1 g/t Au over 0.5m (BH-22-02) at 117m vertical depth, hosted in smoky quartz veins with visible gold, chalcopyrite, and pyrrhotite. Drillholes in the Altered Zone confirmed historic mineralization and down-plunge continuity, as well as strike extent of the Altered Zone structure to the southeast (gold mineralization within the structure to the southeast was not confirmed in 2022 drillholes, however further testing is warranted due to the boudinaged nature of quartz veins in the area). *See supplementary assessment report for details on Altered Zone drilling.*

The Bear Head Zone is an exciting new target and should be considered for follow-up drilling. Mineralization encountered remains open along strike and at depth. The Bear Head Zone is situated along the regional Bear Head Fault structure which hosts the Golden Patricia gold deposit 30km to the southeast. The historic Golden Patricia Mine produced 619,796 oz at 15.2 g/t gold.

The 2022 diamond drill program was logistically challenging due to inclement weather conditions and the unpredictable nature of the Cat Lake Winter Road, which could not be relied upon for ground transportation for the duration of the program. It is recommended that future drill campaigns on the property utilize fixed-wing aircraft access on the lakes (either in the summer or winter) and do not heavily rely on the winter road for transport of equipment, fuel, or personnel.

The following follow-up geological work should be done on the property to advance understanding of mineralization and continuity at both target areas;

1. Detailed ground magnetics should be conducted over both target areas to help identify geologic units and structural breaks controlling mineralization
2. Enhanced geologic modelling at the Altered Zone utilizing all historic drillhole data to further understand controls on mineralization in longitudinal and cross section
3. Follow-up diamond drill at the Bear Head Zone should target down-dip and along-strike of high-grade gold encountered in the 2022 drill program
4. Further drill projects should be executed with a camp along the shore of McVicar Lake and should utilize fixed-wing aircraft on lakes for transportation of supplies and personnel. Helicopter support would likely also be needed for drill moves due to swampy terrain.



## SIGNATURES

I, Lori Paslawski, of the town of Merritt, British Columbia do hereby certify that:

1. I am a Project Geologist for Vector Geological Solutions Inc., a geological consulting company based in North Vancouver, British Columbia.
2. I attained a BSc. in Geology from St. Francis Xavier University (2016) and an M.Sc. in Earth Sciences from St. Francis Xavier University (2018).
3. I have worked as Exploration Manager for Cross River Ventures Corp. since December 2019.
4. I have worked as an exploration geologist for over 5 years focused on exploration and mining projects (precious and base metals) globally.
5. I supervised the 2022 Diamond Drill program as described in this report.

Dated: November 9, 2022

North Vancouver, Canada

*Lori Paslawski*

Lori Paslawski, M.Sc.

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# APPENDIX A: CLAIMS



















<b>Tenure #</b>	<b>Type</b>	<b>Due Date</b>	<b>Holder</b>
557471	SCMC	2023-09-10	(50) Gravel Ridge Resources Ltd., (50) Solstice Gold Corp.
557472	SCMC	2023-09-10	(50) Gravel Ridge Resources Ltd., (50) Solstice Gold Corp.
557473	SCMC	2023-09-10	(50) Gravel Ridge Resources Ltd., (50) Solstice Gold Corp.

# APPENDIX B: SURVEYS

2022 Drill Hole EZShot Surveys									
Drill Hole ID	Depth (m)	Dip	Azimuth (measured)	Correction Factor	Azimuth (corrected)	Comments			
BH-22-01	0	-50	180	-3.53	176.47	Survey tool broken - no entries for BH-22-01			
BH-22-02	53	-49.85	177.89	-3.53	174.36				
BH-22-02	104	-48.52	178.33	-3.53	174.8				
BH-22-02	155	-47.88	179.36	-3.53	175.83				
BH-22-02	206	-46.48	179.93	-3.53	176.4				
BH-22-03	39	-50.1	184.11	-3.53	180.58				
BH-22-03	90	-50	184.31	-3.53	180.78				
BH-22-03	141	-48.2	185.22	-3.53	181.69				
BH-22-03	192	-46.33	185.93	-3.53	182.4				
BH-22-04	51	-51.5	185.6	-3.53	182.07				
BH-22-04	101	-50.35	182.95	-3.53	179.42				
BH-22-04	152	-49.67	186.46	-3.53	182.93				
BH-22-04	203	-48.3	186.3	-3.53	182.77				
BH-22-04	290	-47.01	186.6	-3.53	183.07				
BH-22-05	54	-50.2	2.82	-3.53	359.29				
BH-22-05	105	-49.23	3.05	-3.53	359.52				
BH-22-05	155	-48.27	3.57	-3.53	0.04				
BH-22-05	206	-46.99	5.35	-3.53	1.82				
BH-22-05	257	-46.48	8.99	-3.53	5.46				
BH-22-05	308	-45.62	10.23	-3.53	6.7				
BH-22-05	356	-43.72	12.07	-3.53	8.54				
BH-22-05	407	-42.86	14	-3.53	10.47				
BH-22-05	446	-41.62	15.51	-3.53	11.98				
BH-22-06	51	-48.75	177.53	-3.53	174				
BH-22-06	105	-48.1	177.3	-3.53	173.77				
BH-22-06	153	-47.3	179.06	-3.53	175.53				
BH-22-06	201	-46.8	179.3	-3.53	175.77				
BH-22-06	225	-45.1	180.6	-3.53	177.07				
BH-22-07	102	-47.6	5.36	-3.53	1.83				
BH-22-07	153	-48.9	12.74	-3.53	9.21				
BH-22-07	201	-46.26	6.14	-3.53	2.61				
BH-22-07	255	-44.6	7.05	-3.53	3.52				
BH-22-07	306	-43.8	6.53	-3.53	3				
BH-22-07	357	-42.8	9.4	-3.53	5.87				
BH-22-07	408	-42.4	11.27	-3.53	7.74				
BH-22-07	459	-41.6	11.35	-3.53	7.82				
BH-22-07	486	-41	12.1	-3.53	8.57				
BH-22-08	50	-50.08	185.02	-3.53	181.49				
BH-22-08	101	-47.97	184.68	-3.53	181.15				
BH-22-08	152	-46.98	186.22	-3.53	182.69				
BH-22-08	203	-45.44	188.27	-3.53	184.74				
BH-22-08	245	-43.92	189.21	-3.53	185.68				

# APPENDIX C: DRILL HOLE LOGS



DRILL HOLE LOGS: Detailed Collar Information															
Drill Hole ID	Easting	Northing	Datum & Zone	Claim #	Azimuth	Dip	Core Size	Drill Start Date	Drill End Date	Drill Contractor	Overburden Depth (m)	Casing Left in Hole	Casing Capped & Sealed	Total Depth (m)	Logging Completion Date
BH-22-01	607046	5710311	NAD 1983 UTM Zone 15N	164307	180	-50	NQ	28-Feb-22	07-Mar-22	Major Drilling	15.00	Yes	Yes	185.5	2022-03-20
BH-22-02	607339	5710346	NAD 1983 UTM Zone 15N	204102	180	-50	NQ	07-Mar-22	13-Mar-22	Major Drilling	25.00	Yes	Yes	206	2022-03-24
BH-22-03	607441	5710279	NAD 1983 UTM Zone 15N	204102	180	-50	NQ	08-Mar-22	10-Mar-22	Major Drilling	15.20	Yes	Yes	192	2022-04-04
BH-22-04	607537	5710331	NAD 1983 UTM Zone 15N	326822	180	-50	NQ	10-Mar-22	13-Mar-22	Major Drilling	27.50	Yes	Yes	290	2022-04-20
BH-22-05	607441	5710280	NAD 1983 UTM Zone 15N	204102	0	-50	NQ	13-Mar-22	18-Mar-22	Major Drilling	26.00	Yes	Yes	449	2022-04-27
BH-22-06	607642	5710291	NAD 1983 UTM Zone 15N	326822	180	-50	NQ	14-Mar-22	16-Mar-22	Major Drilling	20.10	Yes	Yes	225	2022-04-30
BH-22-07	607642	5710291	NAD 1983 UTM Zone 15N	326822	0	-50	NQ	16-Mar-22	24-Mar-22	Major Drilling	21.00	Yes	Yes	489	2022-05-03
BH-22-08	607760	5710288	NAD 1983 UTM Zone 15N	326822	180	-50	NQ	18-Mar-22	20-Mar-22	Major Drilling	11.50	Yes	Yes	245	2022-05-11

LOGGING CODE LEGEND							
Lithology		Alteration		Mineralization		Structure	
Lithology Code	Description	Alteration Code	Description	Mineralization Code	Description	Structure Code	Description
OVB	overburden	CB	carbonate	PO	pyrrhotite	FLM	moderately foliated
BIF	banded iron formation	CL	chlorite	PY	pyrite	FLT	fault
DIBS	diabase dyke	HM	hematite	MO	molybdenum	FLS	strongly foliated
MFMV	mafic metavolcanics	EP	epidote	CP	chalcopyrite	VN	vein
MT	mafic tuff	FU	fuchsite	<b>Mineralization_Form</b>		FLW	weakly foliated
GAB	gabbro	SI	silica	FRC	fracture	FOL	foliation
NORT	norite	SER	sericite	VNLT	veinlet	BED	bedding
ANOR	anorthosite	CLY	clay	VN	vein	FHM	foliation-hosted mineralization
GRDR	granodiorite	<b>Alteration Form</b>		DIS	disseminated	BXD	berecciated
ALT ZN	altered zone	HALO	halo	BL	blebby	CNTCT	contact
LC	lost core - no recovery	SEL	selective	FD	finely disseminated	SH	shear
ID	intermediate dyke	PER	pervasive	BND	banded	FRA	fracture
QTZ VN	quartz vein	PAT	patchy	SNET	fine net-textured	FBED	finely bedded
SHR	shear zone	SW	sweaty	NET	net-textured	CRN	crenulated
FLT	fault	FRCT	fracture	SMAS	semi-massive		
PYRX	pyroxenite	DIS	disseminated				
FD	felsic dyke	VN	vein				
DIOR	diorite						
C SCHT	chlorite schist						
HRNF	hornfels						
TONL	tonalite						
ARGL	argillite						
MD	mafic dyke						
FEFM	iron formation						
ILT	intermediate lapilli tuff						
FP	feldspar porphyry						
GRQZ	grey quartz vein						

DRILL HOLE LOGS - LITHOLOGY					
Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description
BH-22-01	0	15	15	OVB	
BH-22-01	15	15.85	0.85	DIOR	Equigranular medium-grained diorite that is unmineralized and undeformed. Euhedral plagioclase and subhedral biotite form interlocking texture. Unit may be boulder or part of OVB.
BH-22-01	15.85	23.8	7.95	MFMV	
BH-22-01	23.8	24.2	0.4	FLT	
BH-22-01	24.2	62.95	38.75	MFMV	Dark greenish-grey aphanitic metavolcanic unit that is heavily populated with quartz-rich and carbonatic microvein network (veins are <0.5mm wide). Most microveins are parallel to foliation, however, foliation gradually increases in intensity towards
BH-22-01	62.95	63.75	0.8	MFMV	Unit is a continuation of previous mafic metavolcanic, but contains about 20% carbonate in stretched patches that conform to the foliation direction. Veinlets become tighter and more pronounced near contact boundaries. Weal
BH-22-01	63.75	63.91	0.16	FLT	Light greyish-green fault zone. Heavily altered to clay.
BH-22-01	63.91	65.91	2	MFMV	Unit is a continuation of previous mafic metavolcanic, but contains about 20% carbonate in stretched patches that conform to the foliation direction. Veinlets become tighter and more pronounced near contact boundaries. Weal
BH-22-01	65.91	66.72	0.81	MFMV	
BH-22-01	66.72	67	0.28	C SCHT	
BH-22-01	67	72.16	5.16	MFMV	
BH-22-01	72.16	78	5.84	HRNF	Unit is dark gray-black and cryptocrystalline, resembling chert. Mineralogy is not easily discerned, however, some sections are suspected to be quartz-rich due to hardness and vitreous appearance. Unit is interbedded with minor
BH-22-01	78	86.36	8.36	TONL	Coarse-grained, weakly metamorphosed unit suspected to have a tonalite a pluton that has intruded later and contains a chill margin (gradational contact with previous siliceous unit).
BH-22-01	86.36	86.78	0.42	MFMV	Piece of mafic metavolcanic unit within surrounding granodiorite pluton. Contains carbonate alteration.
BH-22-01	86.78	95.8	9.02	TONL	
BH-22-01	95.8	96.65	0.85	MFMV	Porphyritic green metavolcanic unit containing 1-2mm feldspar phenocrysts that are subhedral. Groundmass is fine grained and does not exhibit a metamorphic fabric.
BH-22-01	96.65	98.6	1.95	TONL	
BH-22-01	98.6	98.72	0.12	FLT	Intensely sheared fault zone made up of clay minerals and white-pale green in appearance.
BH-22-01	98.72	102.35	3.63	TONL	
BH-22-01	102.35	103.7	1.35	MFMV	Piece of MV unit within surrounding TONL. Downhole contact between MFMV and GRDR is gradational and foliated.
BH-22-01	103.7	109.43	5.73	TONL	
BH-22-01	109.43	110.46	1.03	C SCHT	
BH-22-01	110.46	126.78	16.32	TONL	Fairly uniform coarse-grained tonalite pluton. Altered by sericite, chlorite, and minor epidote.
BH-22-01	126.78	128.79	2.01	C SCHT	moderate carbonate alteration in veins
BH-22-01	128.79	150.6	21.81	TONL	
BH-22-01	150.6	151.18	0.58	MFMV	moderately foliated green grey mafic metavolcanic with 2% quartz carbonate veining. This unit appears to be clasts of wall rock within the larger tonolite plutonic unit
BH-22-01	151.18	155.6	4.42	TONL	
BH-22-01	155.6	156.13	0.53	MFMV	moderately foliated green grey mafic metavolcanic with 2% quartz carbonate veining. This unit appears to be clasts of wall rock within the larger tonolite plutonic unit
BH-22-01	156.13	185.5	29.37	TONL	Phaneritic brown tonalite with 1% thick (5cm) Quartz veins. EOH
BH-22-02	0	25	25	OVB	Overburden/casing. Eaching overburden for each hole thus far is a granitoid boulder
BH-22-02	25	44	19	ARGL	Large blocky shear zone consisting of highly foliated bands of argillite and smoky quartz with up to 2% Po+Py in veins and disseminated in argillite.
BH-22-02	44	45	1	MFMV	interbedded highly foliated argillite with smoky quartz bands. Up to 3% po and py along foliation in bands
BH-22-02	45	48	3	FLT	3m blocky + clay gauge fault zone in light green strongly chlorite altered mafic metavolcanic. Patchy intense clay alteration as well
BH-22-02	48	56.49	8.49	MFMV	Aphanitic green strongly foliated mafic metavolcanic with paralleled carbonate veins? They look like fracture infill and are alligned in some direction but appear to be some sort of space infill rather than veins?
BH-22-02	56.49	62.5	6.01	MFMV	Dark green strongly chlorite altered mafic metavolcanic interbedded with bands of argillite up to 3cm in thickness.
BH-22-02	62.5	62.8	0.3	BIF	Highly magnetic highly strained banded iron formation with up to 5% Po and Py along foliation
BH-22-02	62.8	63.15	0.35	MFMV	Green grey mafic metavolcanic with parallel space infill carbonate veinlets? Strongly foliated.
BH-22-02	63.15	63.4	0.25	BIF	Highly magnetic highly strained banded iron formation. Alternating bands of magnetite and carbonate
BH-22-02	63.4	63.7	0.3	MFMV	Green grey mafic metavolcanic with parallel space infill carbonate veinlets? Strongly foliated.
BH-22-02	63.7	63.8	0.1	BIF	Highly magnetic highly strained banded iron formation. Alternating bands of magnetite and carbonate 5% Po and Py in foliation
BH-22-02	63.8	64.75	0.95	MFMV	Green grey mafic metavolcanic with parallel space infill carbonate veinlets? Strongly foliated.
BH-22-02	64.75	65.28	0.53	BIF	Highly magnetic highly strained banded iron formation. Alternating bands of magnetite and carbonate
BH-22-02	65.28	65.47	0.19	MFMV	Green grey mafic metavolcanic with parallel space infill carbonate veinlets? Strongly foliated.
BH-22-02	65.47	65.62	0.15	BIF	Highly magnetic highly strained banded iron formation. Alternating bands of magnetite and carbonate. 2% py along foliation
BH-22-02	65.62	66	0.38	MFMV	Green grey mafic metavolcanic with parallel space infill carbonate veinlets? Strongly foliated.
BH-22-02	66	66.95	0.95	BIF	Highly magnetic highly strained banded iron formation. Alternating bands of magnetite and carbonate. 2% py along foliation
BH-22-02	66.95	73.54	6.59	MFMV	Green grey mafic metavolcanic with parallel space infill carbonate veinlets? Strongly foliated. Moderate sericite alteration. 2% pyrite along foliation and finely disseminated

DRILL HOLE LOGS - LITHOLOGY					
Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description
BH-22-02	73.54	84.25	10.71	MFMV	Dark green, chlorite altered mafic metavolcanic with minor 2% pyrite along foliation and disseminated. At 81.9-82m displays brittle deformation of the metavolcanic.
BH-22-02	84.25	85.75	1.5	ID	Grey porphyritic feldspar Dyke.
BH-22-02	85.75	86.54	0.79	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	86.54	109.7	23.16	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	109.7	110	0.3	ID	Massive unfoliated dark grey fine grained intermediate dike
BH-22-02	110	112.77	2.77	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	112.77	114.05	1.28	ID	Dark grey massive fine grained intermediate Dyke
BH-22-02	114.05	115.25	1.2	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	115.25	115.45	0.2	ID	Fine Grained massive dark grey intermediate dyke
BH-22-02	115.45	118.2	2.75	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	118.2	118.9	0.7	ID	
BH-22-02	118.9	122.15	3.25	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	122.15	122.7	0.55	ID	Fine grained massive dark grained intermediate dyke
BH-22-02	122.7	123.9	1.2	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	123.9	124.1	0.2	ID	Massive Dark grey fine grained Intermediate Dyke
BH-22-02	124.1	124.5	0.4	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	124.5	125	0.5	ID	Fine grained massive dark grey intermediate dyke
BH-22-02	125	126.08	1.08	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	126.08	127.45	1.37	ID	Massive dark grey fine grained intermediate dyke
BH-22-02	127.45	128.3	0.85	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	128.3	128.6	0.3	ID	Fine grained massive dark grey intermediate dyke
BH-22-02	128.6	129	0.4	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	129	154.7	25.7	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	154.7	155.6	0.9	ID	Dark grey intermediate feldspar porphyry Dyke.
BH-22-02	155.6	159.4	3.8	MFMV	Dark Green moderately chlorite altered mafic metavolcanic. Low percentage of parallel carbonate vein stockwork. Higher percentage of thin quartz veinlets in multiple orientations.
BH-22-02	159.4	162.9	3.5	C SCHT	Highly foliated green chlorite schist with 15-20% quartz carbonate veins along foliation.
BH-22-02	162.9	178	15.1	TONL	Coarse highly foliated tonalite unit. Minimal QC veinlets and 8% pink quartz kspars veins. Trace disseminated pyrite throughout
BH-22-02	178	179.1	1.1	MFMV	Dark green mafic metavolcanic with minimal carbonate veinlet stockwork and trace Quartz veins along foliation
BH-22-02	179.1	181.44	2.34	TONL	Coarse grained strongly foliated tonalite with minor Quartz K feldspar veins
BH-22-02	181.44	181.54	0.1	MFMV	Dark green mafic metavolcanic. Highly foliated with thin carbonate veinlet stockwork. Appears to be fractured piece within the larger tonalite unit
BH-22-02	181.54	185.2	3.66	TONL	Coarse grained moderately foliated tonalite with minor qtz kspars veining. Foliation intensity is lower than previous unit
BH-22-02	185.2	185.45	0.25	MFMV	Dark green highly foliated mafic metavolcanic. Carbonate veinlet stockwork. Appears to be fractured piece within the larger tonalite unit
BH-22-02	185.45	189.75	4.3	TONL	Coarse grained tonalite with higher degree of foliation. Varying degree of silica, sericite and carbonate alteration.
BH-22-02	189.75	190.1	0.35	MFMV	Dark green mafic metavolcanic with carbonate veinlet stockwork. Appears to be fractured piece within the larger tonalite unit
BH-22-02	190.1	194.35	4.25	TONL	Coarse grained tonalite with higher degree of foliation. Varying degree of silica, sericite and carbonate alteration.
BH-22-02	194.35	194.6	0.25	MFMV	Dark green Mafic metavolcanic with carbonate veinlet stockwork. Appears to be fractured piece within the larger tonalite unit
BH-22-02	194.6	199	4.4	TONL	Coarse grained tonalite with higher degree of foliation. Varying degree of silica, sericite and carbonate alteration.
BH-22-02	199	206	7	TONL	Coarse grained tonalite with higher degree of foliation. Varying degree of silica, sericite and carbonate alteration.
BH-22-03	0	15.2	15.2	OVB	
BH-22-03	15.2	21.67	6.47	MFMV	Very fine-grained, dark green-gray mafic metavolcanic unit whose protolith is a pillowed basalt. Selvedges from original pillows are easily discerned and show discrete alteration haloes made up of sericite and chlorite. Younging direction is to the west.
BH-22-03	21.67	21.76	0.09	FLT	Small, light green fault that is younger than surrounding metavolcanics. Unit is brittle and strongly foliated. Fault zone is made up of alteration products such as chlorite, carbonate, and minor sericite.
BH-22-03	21.76	26.8	5.04	MFMV	Coarse-grained matrix hosted breccia where main clasts are composed of green-grey host metavolcanics. Matrix is moderately hosted to sericite and weakly chloritized. Clasts are 2-3 cm in size and are subangular and undeformed.
BH-22-03	26.8	27	0.2	QTZ VN	Dark grey massive quartz vein with small, 3-5mm pieces of relict host rock incorporated into the vein. No mineralization is observed. Feldspar crystals within the vein are altered to sericite.
BH-22-03	27	33.1	6.1	MFMV	Coarse-grained matrix hosted breccia where main clasts are composed of green-grey host metavolcanics. Matrix is moderately hosted to sericite and weakly chloritized. Clasts are 2-3 cm in size and are subangular and undeformed.
BH-22-03	33.1	39.12	6.02	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of quartz, sericite, and carbonate-rich veinlets. Unit is weakly foliated and somewhat crenulated along foliation planes. Minor brittle deformation is observed.
BH-22-03	39.12	39.85	0.73	MFMV	Brecciated metavolcanic unit that shows evidence of some flow banding/mixing in a ductily deformed manner. Host metavolcanic is intertwined with siliceous and segments from quartz veins.
BH-22-03	39.85	43.36	3.51	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of quartz, sericite, and carbonate-rich veinlets. Unit is weakly foliated and somewhat crenulated along foliation planes. Minor brittle deformation is observed.

DRILL HOLE LOGS - LITHOLOGY						
Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description	
BH-22-03	43.36	44.1	0.74	MFMV	Moderate-strongly foliated MFMV that contains foliation-hosted pyrrhotite, pyrite, and chalcopyrite mineralization. Unit is strongly magnetic. While no significant ductile deformation is visible, brittle offset is observed on the scale.	
BH-22-03	44.1	45.33	1.23	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of quartz, sericite, and carbonate-rich veinlets. Unit is weakly foliated and somewhat crenulated along foliation planes. Minor brittle deformation is observed.	
BH-22-03	45.33	49.4	4.07	MFMV	Coarse-grained matrix hosted breccia where main clasts are composed of green-grey host metavolcanics. Matrix is moderately hosted to sericite and weakly chloritized. Clasts are 2-3 cm in size and are subangular and undeformed.	
BH-22-03	49.4	50.91	1.51	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of quartz, sericite, and carbonate-rich veinlets. Unit is weakly foliated and somewhat crenulated along foliation planes. Minor brittle deformation is observed.	
BH-22-03	50.91	57	6.09	MFMV	Coarse-grained matrix hosted breccia where main clasts are composed of green-grey host metavolcanics. Matrix is moderately hosted to sericite and weakly chloritized. Clasts are 2-3 cm in size and are subangular and undeformed.	
BH-22-03	57	75.1	18.1	MFMV	Very fine-grained, dark green-gray mafic metavolcanic unit whose protolith is a pillowed basalt. Selvedges from original pillows are easily discerned and show discrete alteration haloes made up of sericite and chlorite. Younging direction is to the north.	
BH-22-03	75.1	75.7	0.6	MD	Dark grey mafic dyke that exhibits a porphyritic texture with 1mm plagioclase feldspar phenocrysts.	
BH-22-03	75.7	87.09	11.39	MFMV	Very fine-grained, dark green-gray mafic metavolcanic unit whose protolith is a pillowed basalt. Selvedges from original pillows are easily discerned and show discrete alteration haloes made up of sericite and chlorite. Younging direction is to the north.	
BH-22-03	87.09	87.72	0.63	MD	Dark grey mafic dyke that exhibits a porphyritic texture with 1mm plagioclase feldspar phenocrysts.	
BH-22-03	87.72	111.8	24.08	MFMV	Very fine-grained, dark green-gray mafic metavolcanic unit whose protolith is a pillowed basalt. Selvedges from original pillows are easily discerned and show discrete alteration haloes made up of sericite and chlorite. Younging direction is to the north.	
BH-22-03	111.8	112.8	1	C SCHT	Strongly foliated greenish-grey unit that appears to be a metamorphosed and deformed product of original metavolcanic unit.	
BH-22-03	112.8	117.4	4.6	MFMV	Very fine-grained, dark green-gray mafic metavolcanic unit whose protolith is a pillowed basalt. Selvedges from original pillows are easily discerned and show discrete alteration haloes made up of sericite and chlorite. Younging direction is to the north.	
BH-22-03	117.4	135.95	18.55	TONL	Grey tonalite that is weakly-moderately foliated and intercalated with hematite alteration and K-spar veins. Hosts minor disseminated mineralization of PO and PYR.	
BH-22-03	135.95	136.3	0.35	MFMV		
BH-22-03	136.3	136.45	0.15	QTZ VN		
BH-22-03	136.45	149.6	13.15	TONL		
BH-22-03	149.6	158.8	9.2	MD		
BH-22-03	158.8	159.01	0.21	QTZ VN		
BH-22-03	159.01	162.37	3.36	TONL		
BH-22-03	162.37	164.9	2.53	MD		
BH-22-03	164.9	166.57	1.67	TONL		
BH-22-03	166.57	166.7	0.13	QTZ VN		
BH-22-03	166.7	167.31	0.61	TONL		
BH-22-03	167.31	171.18	3.87	MD		
BH-22-03	171.18	171.3	0.12	MFMV	Very fine-grained, dark green-gray mafic metavolcanic unit whose protolith is a pillowed basalt. Selvedges from original pillows are easily discerned and show discrete alteration haloes made up of sericite and chlorite. Younging direction is to the north.	
BH-22-03	171.3	177.94	6.64	MD		
BH-22-03	177.94	178.14	0.2	QTZ VN	Dark grey massive quartz vein with small, 3-5mm pieces of relict host rock incorporated into the vein. No mineralization is observed. Feldspar crystals within the vein are altered to sericite.	
BH-22-03	178.14	190.95	12.81	MD	Dark grey mafic dyke that exhibits a porphyritic texture with 1mm plagioclase feldspar phenocrysts.	
BH-22-03	190.95	192	1.05	TONL	Grey tonalite that is weakly foliated and intercalated with hematite alteration and K-spar veins. EOH	
BH-22-04	0	27.5	27.5	OVB		
BH-22-04	27.5	48.1	20.6	ARGL	Intensely sheared metasedimentary unit made up of highly altered argillaceous bands interbedded with sulfide mineralization. Core has poor recovery and is rubbly in quality.	
BH-22-04	48.1	48.27	0.17	MFMV	Mafic metavolcanic unit that is moderately oxidized and about 25% vugs. Shape of vugs resembles previously logged carbonate veinlets, which suggests that carbonates have weathered out of rock. Contacts are sharp on uphole.	
BH-22-04	48.27	51.5	3.23	ARGL	Intensely sheared metasedimentary unit made up of highly altered argillaceous bands interbedded with sulfide mineralization. Core has poor recovery and is rubbly in quality.	
BH-22-04	51.5	51.65	0.15	MFMV	Mafic metavolcanic unit that is moderately oxidized and about 25% vugs. Shape of vugs resembles previously logged carbonate veinlets, which suggests that carbonates have weathered out of rock. Contacts are sharp on uphole.	
BH-22-04	51.65	67.8	16.15	ARGL	Light greenish-grey metasedimentary unit made up of 2mm-1cm beds that have been altered to argillite, fuscite, chlorite, and sericite. Protolith is unidentified but possibly made up of clay-sized lakefloor sediment. Unit is chemically altered.	
BH-22-04	67.8	67.96	0.16	FEFM	Dark gray-black banded iron formation made up of alternating black magnetite-rich bands and dark green bands about 3-5mm thick. Unit is strongly magnetic and has sulfide mineralization to varying degrees parallel to the banding.	
BH-22-04	67.96	83.2	15.24	ARGL	Light greenish-grey metasedimentary unit made up of 2mm-1cm beds that have been altered to argillite, fuscite, chlorite, and sericite. Protolith is unidentified but possibly made up of clay-sized lakefloor sediment. Unit is mildly chemically altered.	
BH-22-04	83.2	85.13	1.93	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of quartz, sericite, and approx. 10% carbonate-rich veinlets. Unit is moderately foliated and somewhat crenulated along foliation planes. Minor brittle deformation is observed.	
BH-22-04	85.13	85.25	0.12	FEFM	Dark gray-black banded iron formation made up of alternating black magnetite-rich bands and dark green bands about 3-5mm thick. Unit is strongly magnetic and has sulfide mineralization to varying degrees parallel to the banding.	
BH-22-04	85.25	86.9	1.65	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of quartz, sericite, and approx. 10% carbonate-rich veinlets. Unit is moderately foliated and somewhat crenulated along foliation planes. Minor brittle deformation is observed.	
BH-22-04	86.9	87.07	0.17	FEFM	Dark gray-black banded iron formation made up of alternating black magnetite-rich bands and dark green bands about 3-5mm thick. Unit is strongly magnetic and has sulfide mineralization to varying degrees parallel to the banding.	
BH-22-04	87.07	96.6	9.53	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of quartz, sericite, and approx. 10% carbonate-rich veinlets. Unit is moderately foliated and somewhat crenulated along foliation planes. Minor brittle deformation is observed.	
BH-22-04	96.6	97.27	0.67	ARGL	Light greenish-grey metasedimentary unit made up of 2mm-1cm beds that have been altered to argillite, fuscite, chlorite, and sericite. Protolith is unidentified but possibly made up of clay-sized lakefloor sediment. Unit is mildly chemically altered.	
BH-22-04	97.27	104.15	6.88	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of quartz, sericite, and approx. 10% carbonate-rich veinlets. Unit is moderately foliated and somewhat crenulated along foliation planes. Minor brittle deformation is observed.	
BH-22-04	104.15	104.68	0.53	MD	Dark grey mafic dyke that exhibits a porphyritic texture with 1mm plagioclase feldspar phenocrysts.	
BH-22-04	104.68	122.35	17.67	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of sericite concentrated in veinlets (3-5% of section). Unit is weakly foliated and somewhat crenulated along foliation planes. Minor brittle deformation is observed.	
BH-22-04	122.35	123.36	1.01	C SCHT		

DRILL HOLE LOGS - LITHOLOGY					
Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description
BH-22-04	123.36	156.95	33.59	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of sericite concentrated in veinlets (3-5% of section). Unit is weakly foliated and somewhat crenulated along foliation planes. Minor brittle deformation.
BH-22-04	156.95	157.56	0.61	MD	Dark grey mafic dyke that exhibits a porphyritic texture with 1mm plagioclase feldspar phenocrysts.
BH-22-04	157.56	172.68	15.12	MFMV	Very fine-grained/aphanitic metavolcanic unit that contains a small population of sericite concentrated in veinlets (3-5% of section). Unit is weakly foliated and somewhat crenulated along foliation planes. Minor brittle deformation.
BH-22-04	172.68	173.2	0.52	MD	Dark grey mafic dyke that exhibits a porphyritic texture with 1mm plagioclase feldspar phenocrysts.
BH-22-04	173.2	178.75	5.55	MFMV	
BH-22-04	178.75	180.6	1.85	MFMV	Dark grey-black foliated metavolcanic unit that grades into a darker colour from previous greenschist-facies metavolcanic that has previously been described. This unit lacks veining and is mildly altered to sericite with trace hematite.
BH-22-04	180.6	195.16	14.56	TONL	Grey tonalite that is weakly-moderately foliated and intercalated with hematite alteration and K-spar veins. Hosts minor disseminated mineralization of PO and PYR.180.6-184.5 represents an assimilation zone between metavolcanic unit and tonalite.
BH-22-04	195.16	196.65	1.49	MFMV	
BH-22-04	196.65	198.85	2.2	TONL	Grey tonalite that is weakly-moderately foliated and intercalated with hematite alteration and K-spar veins. Hosts minor disseminated mineralization of PO and PYR.
BH-22-04	198.85	199.12	0.27	MFMV	
BH-22-04	199.12	202.5	3.38	TONL	Grey tonalite that is weakly-moderately foliated and intercalated with hematite alteration and K-spar veins. Hosts minor disseminated mineralization of PO and PYR.
BH-22-04	202.5	202.83	0.33	MFMV	
BH-22-04	202.83	206	3.17	TONL	Grey tonalite that is weakly-moderately foliated and intercalated with hematite alteration and K-spar veins. Hosts minor disseminated mineralization of PO and PYR.
BH-22-04	206	209.37	3.37	MD	Dark grey mafic dyke that exhibits a porphyritic texture with 1mm plagioclase feldspar phenocrysts.
BH-22-04	209.37	218.38	9.01	TONL	Grey tonalite that is weakly-moderately foliated and intercalated with hematite alteration and K-spar veins. Hosts minor disseminated mineralization of PO and PYR.
BH-22-04	218.38	223.19	4.81	MD	
BH-22-04	223.19	237.27	14.08	TONL	
BH-22-04	237.27	243.36	6.09	MD	
BH-22-04	243.36	243.56	0.2	QTZ VN	
BH-22-04	243.56	249.7	6.14	TONL	
BH-22-04	249.7	249.73	0.03	QTZ VN	
BH-22-04	249.73	271.71	21.98	TONL	
BH-22-04	271.71	272.64	0.93	MFMV	
BH-22-04	272.64	282.6	9.96	TONL	
BH-22-04	282.6	285.6	3	MFMV	
BH-22-04	285.6	290	4.4	TONL	
BH-22-05	0	26	26	OVB	Overburden
BH-22-05	26	29	3	MFMV	Green moderate pervasive chlorite altered mafic metavolcanic within a shear zone
BH-22-05	29	50	21	ARGL	Grey argillite in shear zone. Alternating bands of argillite and quartz veins
BH-22-05	50	66	16	ARGL	Black argillite unit with alternating bands of quartz in a shear zone
BH-22-05	66	70.3	4.3	ARGL	Green pervasive moderate chlorite altered argillite with moderate patchy limonite alteration
BH-22-05	70.3	86	15.7	ARGL	Dark grey Argillite with alternating bands of quartz veins and sulphides, mostly pyrite. In a shear zone
BH-22-05	86	92	6	ARGL	Grey argillite interbedded with a intermediate lapilli tuff
BH-22-05	92	95	3	ILT	Intermediate lapilli tuff. White felsic/intermediate lapillis set in dark grey groundmass. Intense foliation. In shear zone
BH-22-05	95	108.7	13.7	ARGL	Dark grey argillite
BH-22-05	108.7	109.6	0.9	ID	Dark grey intermediate dyke
BH-22-05	109.6	130.5	20.9	ARGL	Green grey highly altered argillite with bands of pyrite
BH-22-05	130.5	133.7	3.2	MD	Intense chlorite altered mafic dyke
BH-22-05	133.7	166	32.3	ARGL	Green grey highly altered argillite with bands of pyrite
BH-22-05	166	167.95	1.95	MFMV	Dark green intense pervasive chlorite altered mafic metavolcanic
BH-22-05	167.95	172.7	4.75	MFMV	Dark green pervasive intense chlorite altered mafic metavolcanic
BH-22-05	172.7	190.4	17.7	ARGL	Highly sericitized and silicified argillite with mm sized py veinlets along foliation
BH-22-05	193.4	194.3	0.9	ID	Green pervasive chlorite altered porphyritic feldspar dyke
BH-22-05	194.3	195.57	1.27	ARGL	Highly sericite and silica altered argillite with thin mm pyrite veinlets along foliation.
BH-22-05	195.57	197.93	2.36	ID	Green grey porphyritic intermediate dyke. Weakly foliated
BH-22-05	197.93	200.7	2.77	ARGL	Intense silica+sericite altered argillite
BH-22-05	203.7	204.9	1.2	MFMV	Dark green pervasive chlorite altered MFMV

DRILL HOLE LOGS - LITHOLOGY					
Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description
BH-22-05	204.9	206.35	1.45	ARGL	Intense sericite+silica altered argillite with veinlets of pyrite along foliation
BH-22-05	206.35	207.05	0.7	ID	Green Grey porphyritic intermediate Dyke. Lightly foliated
BH-22-05	207.05	209.4	2.35	ARGL	Intense silica+sericite altered Argillite with bands of pyrite
BH-22-05	209.4	210.64	1.24	ID	Green grey lightly foliated porphyritic intermediate dyke
BH-22-05	210.64	212.75	2.11	ARGL	Intense silica+sericite altered Argillite with bands of pyrite
BH-22-05	212.75	214.1	1.35	ID	Green grey porphyritic massive intermediate dyke
BH-22-05	214.1	218	3.9	ARGL	Intense pervasive silica sericite altered argillite with mm pyrite veinlets along foliation
BH-22-05	218	224.2	6.2	ARGL	Fuschite and clay argillite with mm bands of pyrite
BH-22-05	224.2	227	2.8	MFMV	Green intense pervasive chlorite altered mafic metavolcanic
BH-22-05	227	234.95	7.95	MFMV	Mafic metavolcanic in a shear zone with intense carbonate veining stockwork alteration
BH-22-05	234.95	266	31.05	MFMV	Green grey mafic metavolcanic unit with flow breccia texture?
BH-22-05	266	273.34	7.34	FP	Green grey feldspar porphyry with coarse cm sized feldspar crystals and moderate pervasive chlorite alteration
BH-22-05	273.65	274.4	0.75	ID	Grey Porphyritic feldspar dyke
BH-22-05	274.4	283.39	8.99	FP	Green grey feldspar porphyry with coarse cm sized feldspar crystals and moderate pervasive chlorite alteration
BH-22-05	283.39	290.8	7.41	FP	Green grey Feldspar porphyry medium grained. The crystal sized of the porphyry ranges from coarse to medium
BH-22-05	290.8	305.65	14.85	MFMV	Dark green pervasive chlorite altered mafic metavolcanic
BH-22-05	305.65	310.6	4.95	MD	Dark grey massive mafic dyke with trace carbonate veinlets
BH-22-05	310.6	313.4	2.8	MFMV	Green pervasive chlorite altered mafic metavolcanic
BH-22-05	313.4	318.4	5	ARGL	Green grey bedded argillite intermixed with mafic metavolcanic and potentially feldspar porphyry? Very intermixed zone
BH-22-05	318.4	351.2	32.8	MFMV	Green mafic metavolcanic with broken pillow basalts
BH-22-05	351.2	362	10.8	FP	Sharp uct/lct at 40/60 dtca. Dark grey feldspar porphyry, medium-coarse grained, sub-euhedral feldspar phenos in fg black matrix. Wk fol at 40 dtca with increasing intensity dh. Mod perv ankerite alt. ~2% mm scale calcite string
BH-22-05	362	365.66	3.66	MFMV	Medium grey-green, fg pillowed mafic volcanics. Pillowed are compressed and appear similar to sedimentary bedding. Wk to mod fol at 45 dtca. Wk chl and mod spv carb alt. ~5% mm-cm scale carb fract fillings/breccia. Tr-0.25%
BH-22-05	365.66	366.46	0.8	DIBS	Sharp uct/lct at 75 dtca. Dark black fg massive diabase dyke. Non-magnetic. Wk semi-pervasive chl alt. Tr vfg-fg diss py.
BH-22-05	366.46	370.65	4.19	MFMV	Medium grey-green, fg massive mafic volcanics. Wk chl and carb alt. 3% mm scale carb fracture fillings. Tr fg cubic diss py. Trace magnetism.
BH-22-05	370.65	374	3.35	FP	Sharp uct/lct at 40 dtca. Lower ct is locally sheared over 15cm. As previous FP. Trace magnetism. Tr carb fracture fillings. Tr vfg-fg diss/blb py.
BH-22-05	374	394.2	20.2	MFMV	Green-grey, fg, predom massive mafic volcanics with local compressed pillows. Wk chl-carb alt. Local wk fol visibly crenulating some compressed selvages at ~45 dtca. 5% carb+/-chl fracture fillings and local selvage brx infill. Tr fg
BH-22-05	394.2	397.25	3.05	SHR	Mod-strongly sheared and locally faulted pillowed mafic volcanics. Dominant shear fabric at 40 dtca w/ minor crenulations. Semi-consolidated rubble and mm-scale gouge between 394.45-394.86m. Strong carb/ankerite and wk
BH-22-05	397.25	410	12.75	MFMV	Green-grey, fg pillowed mafic volcanics. Strongly compressed pillow selvages appear as bedding. Mod carb and wk alt. 5-10% carb>qtz+/-po fract fillings. Two 8-10cm wide barren fol paralle/subparallel qtz-carb veins. No visible s
BH-22-05	410	423.43	13.43	MFMV	Green pervasive chlorite altered mafic metavolcanic
BH-22-05	423.43	428	4.57	MFMV	Green mafic metavolcanic
BH-22-05	428	428.15	0.15	GRQZ	15cm thick grey quartz vein with disseminated cpy py and po
BH-22-05	428.15	449	20.85	MFMV	Green pervasive chlorite altered mafic metavolcanic
BH-22-06	0	20.1	20.1	OVB	Overburden
BH-22-06	20.1	36.4	16.3	ARGL	Moderate pervasive chlorite altered argillite with alternation bands of silica and sericite? In Shear zone
BH-22-06	36.4	42	5.6	ARGL	Dark grey Argillite with alternating bands of silica and sericite alteration. IN a Shear zone
BH-22-06	42	58.5	16.5	ARGL	Dark grey Argillite with alternating bands of silica and sericite alteration
BH-22-06	58.5	63.8	5.3	MFMV	Dark green mafic metavolcanic unit with moderate carbonate alteration as pseudobreccia
BH-22-06	63.8	63.92	0.12	BIF	Highly magnetic iron formation with minor pyrite along foliation
BH-22-06	63.92	64.32	0.4	MFMV	Green mafic metavolcanic with moderate carbonate alteration in pseudobreccia
BH-22-06	64.32	64.47	0.15	BIF	Highly magnetic iron formation with minor pyrite along foliation
BH-22-06	64.47	65	0.53	MFMV	Green pervasive moderate chlorite altered mafic metavolcanic
BH-22-06	65	65.45	0.45	BIF	Highly magnetic iron formation with minor pyrite along foliation
BH-22-06	65.45	66.15	0.7	MFMV	Green pervasive chlorite altered mafic metavolcanic
BH-22-06	66.15	67	0.85	BIF	Highly magnetic iron formation with minor pyrite along foliation
BH-22-06	67	71.5	4.5	MFMV	Green grey brown higher altered mafic metavolcanic
BH-22-06	71.5	74	2.5	ID	Dark grey fine grained intermediate Dyke
BH-22-06	74	88	14	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py

DRILL HOLE LOGS - LITHOLOGY					
Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description
BH-22-06	88	93	5	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with moderate pervasive silica alteration and
BH-22-06	93	96.2	3.2	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py
BH-22-06	96.2	96.35	0.15	GRQZ	Dark grey quartz vein with chalcopyrite+Po and Py
BH-22-06	96.35	99.9	3.55	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py
BH-22-06	99.9	100	0.1	GRQZ	Grey quartz vein with chalcopyrite, pyrite and Po
BH-22-06	100	100.4	0.4	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py
BH-22-06	100.4	100.5	0.1	GRQZ	Dark grey quartz vein with chalcopyrite, pyrite, and Po
BH-22-06	100.5	105	4.5	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py
BH-22-06	105	114.3	9.3	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py
BH-22-06	114.3	114.4	0.1	GRQZ	Smoky grey quartz vein with cpy, po and py
BH-22-06	114.4	120.2	5.8	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py
BH-22-06	120.2	120.4	0.2	ID	Grey porphyritic intermediate dyke
BH-22-06	120.4	122.9	2.5	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py
BH-22-06	122.9	123.37	0.47	ID	Dark grey porphyritic intermediate dyke
BH-22-06	123.37	129.55	6.18	MFMV	Dark green to brown high intensity patchy sericite alteration of mafic metavolcanic
BH-22-06	129.55	134.7	5.15	GAB	Green grey medium grained lightly foliated gabbro
BH-22-06	134.7	149.75	15.05	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py
BH-22-06	149.75	150.48	0.73	ID	Foliated grey fine grained intermediate dyke
BH-22-06	150.48	155	4.52	MFMV	Dark green, Pervasive moderate chlorite altered mafic metavolcanic with minor disseminated py
BH-22-06	155	164.8	9.8	ARGL	Green grey highly foliated argillite with moderate chlorite sericite alteration and patchy moderate limonite.
BH-22-06	164.8	179.5	14.7	TONL	Coarse grained moderately foliated tonalite with minor massive kspar quartz veins
BH-22-06	179.5	180	0.5	ID	Grey porphyritic intermediate dyke
BH-22-06	180	192.2	12.2	TONL	Green grey coarse grained tonalite with moderate kspar quartz veins
BH-22-06	192.2	192.94	0.74	MFMV	Dark green pervasive chlorite altered mafic metavolcanic fragment in
BH-22-06	192.94	225	32.06	TONL	Green grey coarse grained moderately foliated tonalite
BH-22-07	0	21	21	OVb	Overburden
BH-22-07	21	36.62	15.62	ARGL	Poor RQD from 16-26m containing pitting, patchy rubble zones and mm-scale gouge/clay coatings likely caused by meteoric water and clay accumulation, less likely fault related. 3% mm scale carb fracture fillings. Little to no alte
BH-22-07	36.62	42.75	6.13	MFMV	Moderately magnetic green pervasive altered mafic metavolcanic. Trace finely disseminated pyrite and minor QC veinlets along foliation
BH-22-07	42.75	43.7	0.95	ID	Grey intermediate porphyritic feldspar dyke. Trace qc veinlets. Weak foliation
BH-22-07	43.7	46.03	2.33	MFMV	Green pervasive moderate chlorite altered mafic metavolcanic with trace disseminated pyrite and Trace qc veinlets
BH-22-07	46.03	63.8	17.77	ARGL	Sharp 35 degree TCA contact with mafic metavolcanic with 5% bands of pyrite. Moderate to intense pervasive sericite alteration
BH-22-07	63.8	68.47	4.67	ID	Green grey porphyritic feldspar dyke
BH-22-07	68.47	71.9	3.43	ARGL	Grey banded argillite with banded pyrite and patchy fucsite alteration along foliation
BH-22-07	71.9	84.68	12.78	ARGL	Fine grained banded argillite
BH-22-07	84.68	87.19	2.51	ID	Porphyritic grey intermediate dyke with cm sized feldspar
BH-22-07	87.19	89.1	1.91	MFMV	Dark green intensely pervasive chlorite altered mafic metavolcanic
BH-22-07	89.1	100.38	11.28	ARGL	Fine grained moderately foliated banded argillite
BH-22-07	100.38	102.55	2.17	ID	Grey porphyritic intermediate Dyke
BH-22-07	102.55	119.3	16.75	ARGL	Grey banded argillite. Moderately foliated. Sharp upper contact with dyke at 45 TCA. 5% up to 10% locally along foliation
BH-22-07	119.3	121.9	2.6	MFMV	Dark green intense pervasive chlorite altered mafic metavolcanic
BH-22-07	121.9	134.95	13.05	ARGL	Grey banded argillite with sharp upper contact with mafic metavolcanic at 55 TCA.
BH-22-07	134.95	143.42	8.47	ARGL	Fine grained grey argillite with 5% pyrite bands
BH-22-07	143.42	147.49	4.07	MFMV	Dark green intense pervasive chlorite altered mafic metavolcanic
BH-22-07	147.49	157.38	9.89	ARGL	Fine grained beige banded argillite.
BH-22-07	157.38	160	2.62	ID	Dark grey porphyritic feldspar dyke
BH-22-07	160	164.85	4.85	ARGL	Green grey intensely sericite altered argillite with 5% banded pyrite along bedding surface. 45TCA sharp contact with porphyritic intermediate dyke.
BH-22-07	164.85	178.56	13.71	ARGL	Fine grained intensely pervasive sericite altered argillite with 10% banded pyrite

DRILL HOLE LOGS - LITHOLOGY						
Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description	
BH-22-07	178.56	179.12	0.56	MFMV	Dark green intensely pervasive chlorite alteration	
BH-22-07	179.12	181.7	2.58	ARGL	Beige moderately foliated argillite with intense pervasive sericite alteration and moderate patchy fuschite	
BH-22-07	181.7	188.62	6.92	ARGL	beige intense pervasive sericite altered argillite with 10-15% pyrite bands	
BH-22-07	188.62	189.54	0.92	ID	Fine grained intermediate dkye.	
BH-22-07	189.54	198.56	9.02	ARGL	beige intense pervasive sericite altered argillite with 5% pyrite bands	
BH-22-07	198.56	216.1	17.54	ARGL	beige intense pervasively sericite altered argillite with 5% pyrite as bands	
BH-22-07	216.1	229.18	13.08	ARGL	Dark grey argillite with bands of pyrite and stockwork of carbonate veins	
BH-22-07	229.18	233	3.82	ID	Dark grey intermediate dyke with cm thick carbonate veins in multiple discordant orientations	
BH-22-07	233	234.04	1.04	ARGL	Green grey fuschite+sericitie altered argillite	
BH-22-07	234.04	245.16	11.12	MFMV	Green grey mafic metavolcanic with 5-10% white carbonate stockwork pseudobreccia texture. Trace Py+po+Cpy in thin sub mm veinlets	
BH-22-07	245.16	246.32	1.16	FP	Green grey feldspar porphyry with cm sized feldspar crystals and trace white quartz veinlets	
BH-22-07	246.32	257.37	11.05	MFMV	Mafic metavolcanic flow breccia, potentially top of flow. Cm feldspar crystals	
BH-22-07	257.37	257.83	0.46	MD	Dark grey very fine grained Mafic dyke	
BH-22-07	257.83	263.5	5.67	MFMV	Green grey mafic metavolcanic with brecciated pillow basalt selvages	
BH-22-07	263.5	275.65	12.15	MFMV	Green grey mafic metavolcanic with 5% white carbonate vein pseudobreccia and trace disseminated py	
BH-22-07	275.65	282.43	6.78	FP	massive Feldspar porphyry dyke	
BH-22-07	282.43	293.75	11.32	MFMV	Green grey mafic metavolcanic with brecciated pillows.	
BH-22-07	293.75	302.41	8.66	MFMV	Green grey mafic metavolcanic with fractured brecciated pillows along foliation	
BH-22-07	302.41	305.45	3.04	FP	Dark grey feldspar porphyry dyke with mm to cm sized feldspar	
BH-22-07	305.45	314.07	8.62	MFMV	Green grey mafic metavolcanic with brecciated pillows along foliation	
BH-22-07	314.07	314.17	0.1	MD	Dark grey massive vfg mafic dyke. 45TCA sharp contact with the mafic metavolcanic	
BH-22-07	314.17	327	12.29	MFMV	Green grey brecciated mafic metavolcanic with 15% cb vein stockwork pseudobreccia	
BH-22-07	327	345	18	MFMV	Green grey mafic metavolcanic with up to 20% white carbonate stockwork pseudobreccia	
BH-22-07	345	348.77	3.77	MFMV	green mafic metavolcanic with 5% white carbonate veinlet stockwork pseudobreccia	
BH-22-07	348.77	351.63	2.86	ID	Fine grained grey intermediate dyke with mm sized feldspar crystals	
BH-22-07	351.63	358.28	6.65	MFMV	Dark green mafic metavolcanic with 5% white carbonate veins in stockwork pseudobreccia	
BH-22-07	358.28	372.39	14.11	MFMV	green grey mafic metavolcanic with 5-10% white carbonate stringers discordant to foliation	
BH-22-07	372.39	379.83	7.44	FP	Beige coarse grained feldspar felsic intrusive. Massive	
BH-22-07	379.83	404.27	24.44	MFMV	Green pervasive chlorite altered mafic metavolcanic with 5% carbonate veinlet stockwork pseudobreccia	
BH-22-07	404.27	417.7	13.43	FP	Grey porphyritic feldspar felsic intrusive. Mm sized feldspar crystals. Intermixed with green fine grained mafic metavolcanic	
BH-22-07	417.7	423.9	6.2	MFMV	Green pervasive chlorite altered mafic metavolcanic 3% Po disseminated and trace cpy.	
BH-22-07	423.9	448.7	24.8	FP	Intermixed feldspar porphyry with xenoliths of mafic metavolcanic, minor disseminated po and py and trace cpy.	
BH-22-07	448.7	454.65	5.95	MFMV	Green grey mafic metavolcanic. Gradational contact with feldspar porphyry intermixed with green grey metavolcanic. Locally up to 3% disseminated po	
BH-22-07	454.65	455.26	0.61	GRQZ	45cm thick grey quartz vein with trace po+py	
BH-22-07	455.26	456.96	1.7	MFMV	Green grey mafic metavolcanic with 10% white carbonate veins in pseudobreccia texture	
BH-22-07	456.96	475.04	18.08	MFMV	Green grey mafic metavolcanic with 10% white carbonate vein stockwork pseudobreccia and trace disseminated po +py	
BH-22-07	475.04	481.34	6.3	ID	Grey feldspar porphyry dike. Massive	
BH-22-07	481.34	489	7.66	MFMV	green pervasive moderate chlorite altered mafic metavolcanic with 3% white carbonate cm veins along foliation. EOH	
BH-22-08	0	11.5	11.5	OVB		
BH-22-08	11.5	28.49	16.99	MFMV	Poor RQD from 16-26m containing pitting, patchy rubble zones and mm-scale gouge/clay coatings likely caused by meteoric water and clay accumulation, less likely fault related. 3% mm scale carb fracture fillings. Little to no alt	
BH-22-08	28.49	109.6	81.11	ARGL	Sharp uct at 45 dtca. Dark-light grey and locally yellow/beige, vfg-fg interbedded argillite and siltstone. Vvk bedding controlled sericite and minor hematite alt in upper portion of unit. Increased hem alt starting at 71m assoc with fracturing. 3-4%	
BH-22-08	109.6	113.82	4.22	MFMV	Green pervasive chlorite altered mafic metavolcanic with sharp upper contact with argillite at 45TCA. 5% mm sized quartz stringers in multiple orientations, Trace grey concordant veins and 5% brecciated pillow? Selvages. Likely	
BH-22-08	113.82	114.83	1.01	ARGL	grey argillite, sharp upper contact at 45 degrees with mafic metavolcanic. VFG, interbedded with siltstone, no visible sulphides. Tight bands of argillite and siltstone. No veining.	
BH-22-08	114.83	121.8	6.97	MFMV	Green pervasive chlorite altered mafic metavolcanic with sharp upper contact with argillite at 45TCA. 5% mm sized quartz stringers in multiple orientations, Trace grey concordant veins and 5% brecciated pillow? Selvages. Likely	
BH-22-08	121.8	138.84	17.04	MFMV	Green pervasive chlorite altered mafic metavolcanic with 5% mm sized quartz carbonate stringers in multiple orientations, 10% spotted quartz carbonate veining from 127.7m-128.05m with locally 2% disseminated po, py and cp	
BH-22-08	138.84	158.75	19.91	MFMV	Green pervasive moderate chlorite altered mafic metavolcanic. 5% mm sized quartz veinlets in multiple orientations. Trace quartz carbonate spotted regular veins up to 1cm thick discordant to foliation. Trace disseminated sulph	
BH-22-08	158.75	159.43	0.68	ID	Massive porphyritic intermediate dyke with cm sized feldspar crystals	



**DRILL HOLE LOGS - LITHOLOGY**

Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description					
BH-22-08	159.43	168.54	9.11	MFMV	Sharp upper contact with porphyritic intermediate dyke. 2% white cm thick quartz veins discordant to foliation, and 5% mm sized quartz veinlets in stockwork texture.					
BH-22-08	168.54	185.3	16.76	MFMV	Green pervasive chlorite altered mafic metavolcanic with minor 3cm quartz k feldspar veins					
BH-22-08	185.3	186.9	1.6	TONL	coarse grained moderately foliated tonalite					
BH-22-08	186.9	189.3	2.4	GRQZ	massive grey-white quartz vein with disseminated trace sulphides. Sharp upper contact with tonalite unit with gradients moving from grey to white					
BH-22-08	189.3	190.23	0.93	C SCHK	Chlorite schist with sharp upper contact with quartz vein. Highly foliated with white quartz veins along foliation					
BH-22-08	190.23	202.75	12.52	TONL	Moderately to intensely foliated tonalite. Intensity of shear results in fine grained feldspar grains					
BH-22-08	202.75	219.1	16.35	TONL	Coarse grained moderately foliated tonalite. Trace finely disseminated pyrite, and minor kspars quartz veins until 205m.					
BH-22-08	219.1	220.6	1.5	MFMV	Green pervasive chlorite altered mafic metavolcanic. Seems to be a fractured piece of wall rock in tonalite. OR it could also be like a dyke or a more mafic section of the tonalite.					
BH-22-08	220.6	232.8	12.2	TONL	Coarse grained moderately foliated tonalite with trace finely disseminated pyrite. Gradational chill margin contact with mafic metavolcanic					
BH-22-08	232.8	245	12.2	TONL	Green grey coarse grained tonalite with weak-moderate foliation and trace finely disseminated pyrite. EOH					

DRILL HOLE LOGS - ALTERATION												
Drill Hole ID	From (m)	To (m)	Alt1	Alt1_Int	Alt1_Form	Alt2	Alt2_Int	Alt2_Form	Alt3	Alt3_Int	Alt3_Form	Comments
BH-22-01	15.85	23.8	CL	3	PER	SER	1	PAT	CB	2	VN	
BH-22-01	23.8	24.2	CLY	4	PER	CB	2	PAT				Clay-rich alteration pervasive in fault zone.
BH-22-01	24.2	39.2	CL	3	PER	CB	1	VN				
BH-22-01	39.2	40.65	SER	3	HALO	BI	3	PAT				Biotite and sericite alteration halo concentrated in 5cm wide patches (see core photo)
BH-22-01	40.65	63.75	CL	3	PER	CB	2	PAT				
BH-22-01	63.75	63.91	CLY	5	PER							Narrow fault zone
BH-22-01	63.91	65.91	CL	3	PER	CB	4	PAT				
BH-22-01	65.91	70.72	CL	5	PER	SER	4	PAT				
BH-22-01	70.72	74.95	CL	2	PER	SER	3	PAT				
BH-22-01	74.97	78	CL	1	PER	SI	5	PER				Chill margin/gradational contact as lithology hits granodiorite pluton.
BH-22-01	78	98.6	CL	2	PER	SER	3	PER	CB	1	PAT	
BH-22-01	98.6	98.72	CB	5	PER	CL	5	PER				
BH-22-01	98.72	102.35	SER	3	PER							
BH-22-01	102.35	103.7	CL	5	PER							
BH-22-01	103.7	109.35	CL	3	PER	HM	1	PAT				
BH-22-01	109.35	110.46	CL	5	PER	CB	3	VN				
BH-22-01	110.46	126.78	CL	3	PER	SER	2	PER	HM	1		
BH-22-01	126.78	128.79	CL	4	PER	CB	3	VN	SER	2	VN	Pervasive strong chlorite alteration with moderate carbonate alteration in veins.
BH-22-01	128.79	155.6	CL	3	PER	SER	2	PER				pervasive moderate chlorite and weak sericite alteration in the tonalite
BH-22-01	155.6	156.13	CL	4	PER	CB	3	VN				strong pervasive chlorite alteration on mafic metavolcanic with moderate carbonate alteration in veins
BH-22-01	156.13	170	CL	3	PER	SER	2	PER				Pervasive moderate chlorite and weak sericite alteration on tonolite
BH-22-01	170	185.5	CL	3	PER	SER	2	PER				Pervasive moderate chlorite alteration and minor sericite alteration on tonolite unit
BH-22-02	26	41	CL	2	PER	FU	3	BAND	SI	3	VN	pervasive weak/moderate chlorite alteration with moderate fuschite as bands.Moderate silica alteration as veins along foliation.
BH-22-02	41	45.6	CL	2	PER	SI	3	VN				pervasive moderate chlorite alteration. Moderate silica alteration in veins
BH-22-02	45.6	48	CL	4	PER	FU	3	PAT				Pervasive intense chlorite alteration with patchy fuschite alteration.
BH-22-02	48	51.5	CL	3	PER	FU	3	BAND	CB	3	VN	Moderate pervasive chlorite alteration on mafic metavolcanic. Moderate fuschite alteration in bands. Moderate carbonate alteration as
BH-22-02	51.5	62.5	CL	3	PER	SER	2	PER	CB	3	VN	Pervasive moderate chlorite alteration and minor sericite alteration with moderate parallel carbonate veinlets displaying fracture infill ps
BH-22-02	62.5	67	CB	3	VN	CL	3	BAND				Moderate carbonate veinlets as fracture infill and as veins along foliation. Moderate bands of chlorite in iron formation
BH-22-02	67	73.54	CL	4	PER	CB	4	VN				intense pervasive chlorite alteration with intense carbonate veining parallel with one another
BH-22-02	73.54	84.84	CL	3	PER	CB	3	VN				Moderate pervasive chlorite alteration on mafic metavolcanic and moderate carbonate veining parallel in a pseudo-breccia texture.
BH-22-02	84.84	109.7	CL	3	PER	CB	1	VN	SER	3	PAT	Moderate pervasive chlorite alteration with moderate patchy sericite/mica alteration. Trace carbonate veinlets in a stockwork network.
BH-22-02	110	112.9										
BH-22-02	112.9	114.05	CB	2	PER							Pervasive minor carbonate alteration on intermediate dykes
BH-22-02	114.05	118.2	CB	2	VN	CL	3	PER	SI	3	VN	Minor carbonate alteration in veins as stockworks. Pervasive moderate chlorite alteration. Moderate silica alteration as veinlets in stockw
BH-22-02	118.2	118.8	CB	2	PER							Pervasive minor carbonate alteration
BH-22-02	118.8	122.1	CL	3	PER	CB	2	VN	SI	2	VN	Minor carbonate alteration in veins as stockworks. Pervasive moderate chlorite alteration. Moderate silica alteration as veinlets in stockw
BH-22-02	122.1	122.7	CB	2	PER							Minor pervasive carbonate alteration on intermediate dyke
BH-22-02	122.7	123.9	CL	3	PER	CB	2	VN	SI	2	VN	Minor carbonate alteration in veins as stockworks. Pervasive moderate chlorite alteration. Moderate silica alteration as veinlets in stockw
BH-22-02	123.9	124.1	CB	2	PER							Pervasive minor carbonate alteration on intermediate dyke
BH-22-02	124.1	125	CB	2	PER							Pervasive minor carbonate alteration
BH-22-02	125	126.1	CL	3	PER	CB	2	VN	SI	2	VN	Minor carbonate alteration in veins as stockworks. Pervasive moderate chlorite alteration. Moderate silica alteration as veinlets in stockw
BH-22-02	126.1	127.45	CB	2	PER							Pervasive minor carbonate alteration
BH-22-02	127.45	129	CL	3	PER	CB	2	VN	SI	2	VN	Minor carbonate alteration in veins as stockworks. Pervasive moderate chlorite alteration. Moderate silica alteration as veinlets in stockw
BH-22-02	129	140	CB	3	SW	SI	3	VN	CL	3	PER	Moderate carbonate stockwork veinlets. Moderate quartz veins resulting in moderate silica alteration in mafic metavolcanic. Pervasive n
BH-22-02	140	146	CB	2	VN	SI	3	VN	CL	3	PER	minor carbonate veinlets with moderate silica alteration in veins. Moderate pervasive chlorite alteration
BH-22-02	146	154.7	CB	2	VN	SI	2	VN	CL	3	PER	minor carbonate and silica alteration in stockwork. Moderate pervasive chlorite alteration
BH-22-02	156	163.4	CB	4	VN	SI	2	VN	CL	3	PER	intense carbonate veinlet alteration in mafic metavolcanic. Minor silica alteration as veins. Moderate pervasive chlorite alteration

DRILL HOLE LOGS - ALTERATION																						
Drill Hole ID	From (m)	To (m)	Alt1	Alt1_Int	Alt1_Form	Alt2	Alt2_Int	Alt2_Form	Alt3	Alt3_Int	Alt3_Form	Comments										
BH-22-02	163.4	178	SI	3	VN	CB	1	VN	CL	1	PER	Moderate silica alteration as quartz k feldspar veins. Trace carbonate alteration as mm sized veinlets. Trace pervasive chlorite alteration										
BH-22-02	178	179.1	CB	4	VN	CL	3	PER	SI	2	VN	intense carbonate stockwork veinlets. Moderate pervasive chlorite alteration. Minor Silica alteration										
BH-22-02	179.1	180.6	SER	3	PER	SI	2	VN				moderate pervasive sericite alteration with minor silica alteration in veining										
BH-22-02	180.6	185.1	SER	2	PER	SI	3	PER				Minor pervasive sericite alteration and moderate pervasive silica alteration from veining										
BH-22-02	185.1	185.45	CL	3	PER	CB	4	VN				Pervasive chlorite alteration and intense carbonate veinlet stockwork alteration										
BH-22-02	185.45	189.9	SER	2	PER	SI	3	PER				Minor pervasive sericite alteration with moderate silica alteration										
BH-22-02	189.9	190	CL	3	PER	CB	3	VN				Pervasive moderate chlorite alteration and moderate carbonate veinlet stockwork alteration										
BH-22-02	190	199	CB	2	VN	SER	2	PER				Pervasive minor carbonate alteration in thin mm veinlets. Pervasive minor sericite alteration										
BH-22-02	199	206	SER	2	PER							Pervasive minor sericite alteration										
BH-22-03	15.2	39.12	CL	2	PER	SER	3	SLV	CB	2	VN	Sericite is concentrated to selvages of pillowed metavolcanic unit.										
BH-22-03	39.12	39.85	CL	2	PER	CB	2	VN														
BH-22-03	39.85	57	CL	2	PER	SER	1	PAT														
BH-22-03	57	70.15	CL	2	PER	SER	2	VN	CB	2	VN											
BH-22-03	70.15	89.1	CL	1	PER	CB	2	VN														
BH-22-03	89.1	92.8	CB	3	PAT	SER	3	PAT														
BH-22-03	92.8	112.8	CL	2	PER	SER	1	PAT	CB	1	PER											
BH-22-03	112.8	116.25	HM	3	BL	CL	2	PER														
BH-22-03	116.25	117.47	CL	4	PER	CB	4	PER														
BH-22-03	117.47	123.14	HM	3	BL	CL	3	PAT														
BH-22-03	123.14	127.03	HM	2	BL	SER	2	PAT														
BH-22-03	127.03	127.5	CL	4	PER	CB	3	PAT														
BH-22-03	127.5	135.95	HM	3	PAT	SER	2	PAT	CL	1	PER											
BH-22-03	135.95	136.91	CL	4	PER	CB	2	PAT														
BH-22-03	136.91	148.8	SER	1	PER	HM	2	PAT														
BH-22-03	148.8	159.01	CL	2	PER	HM	2	VN														
BH-22-03	159.01	162.3	HM	1	PAT																	
BH-22-03	162.3	171.18	CL	2	PER	HM	1	PAT														
BH-22-03	171.18	192	CB	2	PAT	CL	1	PAT	SER	2	PER											
BH-22-04	27.5	44	CLY	5	PER	HM	2	PAT														
BH-22-04	44	49.3	CLY	3	PER	HM	3	PER														
BH-22-04	49.3	83.2	SER	4	PER	CL	2	PER														
BH-22-04	83.2	84.84	CL	2	PER	CB	3	VN														
BH-22-04	84.84	86.1	CL	3	PER	CB	1	VN														
BH-22-04	86.1	89	CL	2	PER																	
BH-22-04	89	96.6	CL	3	PER	CB	3	VN														
BH-22-04	96.6	97.27	CLY	2	PER																	
BH-22-04	97.27	104.15	CL	2	PER	CB	2	VN														
BH-22-04	104.15	122.35	CL	2	PER	SER	2	PAT														
BH-22-04	122.35	123.36	CL	4	PER	SER	4	VN														
BH-22-04	123.36	134.3	CL	2	PER																	
BH-22-04	134.3	135.4	SER	5	VN																	
BH-22-04	135.4	156.95	CL	2	PER	SER	1	PAT														
BH-22-04	156.96	157.56	CL	1	PER																	
BH-22-04	157.56	173.2	CL	2	PER	SER	1	PAT														
BH-22-04	173.2	178.75	CL	1	PER																	
BH-22-04	178.75	180.6	CL	3	PER	CB	2	PAT														
BH-22-04	180.6	195.16	SER	2	PER	EP	1	SEL	HM	3	PAT											

DRILL HOLE LOGS - ALTERATION												
Drill Hole ID	From (m)	To (m)	Alt1	Alt1_Int	Alt1_Form	Alt2	Alt2_Int	Alt2_Form	Alt3	Alt3_Int	Alt3_Form	Comments
BH-22-04	195.16	195.65	CL	3	PER	CB	1	PAT				
BH-22-04	195.65	198.85	SER	1	PER	EP	1	SEL				
BH-22-04	198.85	199.12	CL	3	PER	CB	2	VN				
BH-22-04	199.12	202.5	HM	1	PAT	EP	1	SEL				
BH-22-04	202.5	202.85	CL	3	PER							
BH-22-04	202.85	209.37	CL	1	PER							
BH-22-04	209.37	218.38	CL	2	PER	SER	2	PAT				
BH-22-04	218.38	223.18	CL	1	PER	SER	1	PAT				
BH-22-04	223.18	237.27	SER	3	PER	EP	2	SEL	HM	1	PAT	
BH-22-04	237.27	260.6	SER	1	PER	EP	2	SEL	CL	2	PER	
BH-22-04	260.6	267.9	HM	2	PAT	CL	1	PAT				
BH-22-04	267.9	271.71	CL	2	PER							
BH-22-04	271.71	272.64	CB	2	PAT	CL	3	PER				
BH-22-04	272.64	274.02	EP	2	SEL	HM	1	PAT				
BH-22-04	274.02	282.6	HM	1	PAT	EP	1	SEL				
BH-22-04	282.6	285.6	CL	3	PER							
BH-22-04	285.6	290	EP	1	SEL	SER	2	PER				
BH-22-05	26	55	CL	2	PER	LI	3	PAT	SI	3	VN	Minor pervasive chlorite alteration with moderate patchy limonite alteration and moderate silica alteration in veins
BH-22-05	55	68	SI	3	VN	LI	2	PAT				moderate silica alteration in veins and minor patchy limonite alteration
BH-22-05	68	70.6	CL	3	PER	SI	2	PER				pervasive moderate chlorite alteration and pervasive minor silica alteration
BH-22-05	70.6	74.7	SI	3	PER	LI	3	PAT				Pervasive moderate silica alteration and moderate patchy limonite alteration
BH-22-05	74.7	78	SI	4	VN	FU	2	PAT	LI	2	PAT	Intense silica alteration in veins and minor patchy limonite and fuschite
BH-22-05	78	96	SI	3	PER	CL	2	PAT	LI	2	PAT	Moderate pervasive silica alteration with minor patchy chlorite and limonite alteration
BH-22-05	96	106.68	CB	3	VN	SI	3	PER	SER	3	PAT	Moderate pervasive carbonate veining alteration and moderate pervasive silica alteration and patchy moderate sericite alteration
BH-22-05	106.68	130.5	CB	3	VN	SI	4	PER	FU	3	PAT	Moderate carbonate alteration in vein pseudobreccia. Pervasive intense silica alteration. Moderate patchy clay/fuchsite alteration.
BH-22-05	130.5	133.7	CL	3	PER	CB	2	VN				Pervasive moderate chlorite alteration with minor carbonate psuedobreccia vein alteration
BH-22-05	133.7	155	SI	3	PER	CB	3	VN	FU	3	PAT	Pervasive moderate silica and carbonate vein pseudobreccia alteration. Moderate patchy fuchsite and sericite alteration
BH-22-05	167	172.7	CL	4	PER							Pervasive intense chlorite alteration
BH-22-05	172.7	190.4	SI	3	PER	SER	3	PER	FU	3	PAT	Moderate pervasive silica and sericite alteration, with moderate patchy fuschite alteration
BH-22-05	190.4	194.3	CB	2	VN	CL	3	PER				minor carbonate alteration as pseudobreccia vein texture. Moderate pervasive chlorite texture
BH-22-05	194.3	195.57	SI	3	PER	SER	3	PER				Pervasive silica and sericite alteration
BH-22-05	195.57	197.9	CL	3	PER	CB	2	VN				Pervasive moderate chlorite alteration with minor carbonate veining with pseudobreccia texture
BH-22-05	197.9	203.75	SER	3	PER	SI	3	PER				Pervasive Silica and sericite altered argillite
BH-22-05	203.75	204.95	CL	4	PER	CB	2	VN				Pervasive intense chlorite alteration. Minor carbonate veins in a pseudobreccia texture
BH-22-05	204.95	206.3	SI	3	PER	SER	3	PER				Pervasive moderate silica and sericite alteration
BH-22-05	206.3	207	CL	3	PER	CB	2	VN				Pervasive moderate chlorite alteration with minor carbonate veining pseudobreccia alteration
BH-22-05	207	209.4	SI	3	PER	SER	3	PER				Pervasive moderate silica and sericite alteration
BH-22-05	209.4	210.7	SI	2	PER							Minor pervasive silica alteration
BH-22-05	210.7	212.8	SI	3	PER	SER	3	PER				Pervasive moderate silica and sericite alteration
BH-22-05	212.8	214.1	SI	2	PER							Pervasive minor silica alteration
BH-22-05	214.1	218	SI	3	PER	SER	3	PER				Pervasive silica and sericite alteration in argillite
BH-22-05	218	224.2	SER	4	PER	FU	3	PAT	SI	3	PER	pervasive Intense sericite alteration and silica alteration with moderate patchy fuschite alteration
BH-22-05	224.2	226.1	CL	4	PER							Pervasive intense chlorite alteration
BH-22-05	226.1	248	CB	4	VN	CL	4	PER				Intense carbonate stockwork pseudobreccia alteration. Intense pervasive chlorite alteration
BH-22-05	248	266	CB	3	VN	CL	4	PER				Moderate carbonate vein pseudobreccia alteration. Pervasive intense chlorite alteration
BH-22-05	266	283.39	CB	2	VN	CL	3	PER				Minor carbonate alteration in regular veins along foliation. Moderate pervasive chlorite alteration
BH-22-05	283.39	296	CL	3	PER	SI	3	PER	CB	3	VN	Pervasive moderate silica and chlorite alteration. Moderate carbonate vein stockwork alteration

DRILL HOLE LOGS - ALTERATION																						
Drill Hole ID	From (m)	To (m)	Alt1	Alt1_Int	Alt1_Form	Alt2	Alt2_Int	Alt2_Form	Alt3	Alt3_Int	Alt3_Form	Comments										
BH-22-05	296	305.6	CL	4	PER	CB	2	VN				Pervasive intense chlorite alteration and moderate carbonate alteration as vein pseudobreccia										
BH-22-05	305.6	312	SI	2	PER	SER	2	PER				Pervasive minor silica and sericite alteration										
BH-22-05	312	313.09	CL	3	PER	CB	3	VN				Pervasive moderate chlorite alteration. Moderate carbonate alteration as vein pseudobreccia texture										
BH-22-05	313.09	320	CB	3	VN	SI	3	PER	CL	3	PER	moderate carbonate alteration as vein pseudobreccia. Moderate pervasive silica alteration and chlorite alteration										
BH-22-05	320	329.08	CB	4	VN	CL	3	PER				Intense carbonate alteration as vein pseudobreccia. Pervasive moderate chlorite alteration										
BH-22-05	329.08	351.2	CL	4	PER	CB	3	VN				intense pervasive chlorite alteration. Moderate carbonate vein pseudobreccia										
BH-22-05	351.2	362	CB	3	PER																	
BH-22-05	362	365.66	CL	3	PER	CL	2	PER														
BH-22-05	365.66	366.46	CL	2	PER																	
BH-22-05	366.46	370.65	CL	2	PER	CB	2	PER														
BH-22-05	370.65	374	CB	3	PER																	
BH-22-05	374	394.2	CL	2	PER	CB	2	PER														
BH-22-05	394.2	397.25	CB	4	PER	CL	2	PER														
BH-22-05	397.5	410	CB	3	PER	CL	2	PER														
BH-22-05	410	423.43	CB	2	VN	CL	4	PER	SI	2		Pervasive intense chlorite alteration. Minor carbonate alteration in veinlets. Minor pervasive silica alteration.										
BH-22-05	423.43	449	CL	3	PER	SI	2	PER				Pervasive moderate chlorite alteration and minor pervasive silica alteration										
BH-22-06	21	27	CL	3	PER	SI	2	PER				moderate pervasive chlorite alteration and minor pervasive silica alteration										
BH-22-06	27	34.8	CB	3	VN	SI	2	VN				Moderate carbonate pseudobreccia alteration aligned along foliation. Minor silica vein alteration.										
BH-22-06	34.8	36.39	SER	3	VN	SI	2	VN				Moderate sericite alteration in bands and minor silica alteration as veins										
BH-22-06	54	58.05	CB	2	VN	SER	3	BAND	SI	3	PER	minor carbonate veining in a pseudobreccia texture. Moderate beige sericite alteration as bands. Pervasive moderate silica alteration										
BH-22-06	58.05	63.77	CL	3	PER	CB	2	VN	SI	3	PER	Pervasive moderate silica and chlorite alteration with minor carbonate veining in a pseudobreccia texture										
BH-22-06	63.77	63.92	SI	3	PER							Pervasive moderate silica alteration										
BH-22-06	63.92	64.27	CL	3	PER	CB	2	VN	SI	3	PER	Pervasive moderate chlorite and silica alteration and minor carbonate alteration in pseudobreccia texture										
BH-22-06	64.27	67	SI	3	PER	CL	2	PER				Pervasive moderate silica alteration with minor pervasive chlorite alteration										
BH-22-06	67	70.7	CB	3	VN	SER	3	PER	FU	2	PER	Moderate carbonate veining in a pseudobreccia texture. Moderate pervasive silica alteration and minor pervasive fushite alteration										
BH-22-06	70.7	71.55	CB	3	VN	SI	3	PER				moderate carbonate alteration in vein pseudobreccia. Pervasive moderate silica alteration										
BH-22-06	74	83.4	CL	3	PER	CB	3	VN	SI	2	VN	Moderate pervasive chlorite alteration with moderate carbonate veining in pseudobreccia texture										
BH-22-06	83.4	88	CL	3	PER	CB	2	VN	SI	2	VN	Pervasive moderate chlorite alteration with minor carbonate and Silica alteration in veins										
BH-22-06	88	100.56	CL	4	PER	SI	3	PER	CB	2	VN	Intense pervasive chlorite and moderate pervasive silica alteration. Minor carbonate alteration as veinlet stockwork										
BH-22-06	100.56	117.92	CL	4	PER	CB	2	VN	SI	3	PER	pervasive intense chlorite alteration and moderate pervasive silica alteration. Minor carbonate vein alteration as stockwork										
BH-22-06	117.92	152.5	CL	3	PER	CB	2	VN	SI	3	PER	Pervasive moderate chlorite and silica alteration with minor carbonate alteration as veins										
BH-22-06	152.5	160.9	SI	3	PER	CL	2	PER				moderate pervasive silica alteration with minor pervasive chlorite alteration										
BH-22-06	160.9	164	LI	3	PAT	SI	3	PER				Moderate patchy limonite alteration with moderate pervasive silica alteration										
BH-22-06	183	200.36	CL	2	PER	SI	3	PER	SER	1	PER	Pervasive minor chlorite alteration with moderate pervasive silica alteration. Trace pervasive sericite alteration										
BH-22-06	200.36	225	CL	2	PER	SI	3	PER	SER	1	PER	minor pervasive chlorite alteration, moderate pervasive silica alteration.										
BH-22-07	21	36.62	SER	3	PER	SI	2	PER				pervasive moderate sericite alteration with minor pervasive silica alteration										
BH-22-07	36.62	39.23	CL	4	PER	SI	2	PER				Intense pervasive chlorite alteration. Minor pervasive silica alteration										
BH-22-07	39.23	42.75	CL	4	PER							intense pervasive chlorite alteration										
BH-22-07	42.75	43.7	SI	2	PER							pervasive minor silica alteration										
BH-22-07	43.7	46.03	CL	3	PER							Pervasive moderate chlorite alteration										
BH-22-07	46.03	63.8	FU	3	PAT	SER	3	PER				Moderate fushcite Patchy alteration and moderate pervasive sericite alteration										
BH-22-07	63.8	68.46	CL	2	PER							Pervasive minor chlorite alteration										
BH-22-07	68.46	71.9	SER	3	PER	SI	2	PER				Pervasive moderate sericite and pervasive minor silica alteration in argillite										
BH-22-07	71.9	84.68	SER	3	PER	SI	2	PER				Pervasive moderate sericite alteration and minor pervasive silica alteration										
BH-22-07	84.68	87.19	SI	2	PER							Pervasive minor silica alteration										
BH-22-07	87.19	88.19	CL	3	PER							Moderate pervasive chlorite alteration										
BH-22-07	88.19	89.1	CL	3	PER							Pervasive moderate chlorite alteration										

DRILL HOLE LOGS - ALTERATION												
Drill Hole ID	From (m)	To (m)	Alt1	Alt1_Int	Alt1_Form	Alt2	Alt2_Int	Alt2_Form	Alt3	Alt3_Int	Alt3_Form	Comments
BH-22-07	89.1	100.38	SER	3	PER	SI	2	PER				Pervasive moderate sericite alteration and minor pervsaive silica alteration
BH-22-07	100.38	102.55	SI	2	PER							pervasive minor silica alteration
BH-22-07	102.55	119.3	SI	2	PER	SER	3	PER	FU	2	PAT	Pervasive minor silica alteration, pervasive moderate sericite alteration and minor patchy fuschite.
BH-22-07	119.3	121.9	CL	4	PER							Pervasive intense chlorite alteration
BH-22-07	121.9	134.95	SI	2	PER	SER	3	PER				Pervasive minor silica alteration. Pervasive moderate sericite alteration
BH-22-07	134.95	143.42	SI	2	PER	SER	3	PER				Pervasive moderate sericite alteration and minor pervasive silica alteration
BH-22-07	143.42	147.79	CL	4	PER							Pervasive intense chlorite alteration
BH-22-07	147.79	152.25	CL	2	PER	SER	3	PER	SI	2	PER	Minor pervasive chlorite alteration and pervasive moderate sericite alteration and pervasive minor silica alteration
BH-22-07	152.25	157.38	SER	3	PER	SI	2	PER	FU	3	PAT	Pervasive moderate sericite alteration, minor pervasive silica alteration and moderate fuschite patchy alteration
BH-22-07	160	164.85	SER	3	PER	SI	2	PER	FU	3	PAT	Moderate pervasive sericite and minor pervasive silica alteration. Patchy moderate fuschite alteration
BH-22-07	164.85	178.58	SER	3	PER	FU	2	PAT	SI	2	PER	Pervasive moderate sericite alteration, minor pervasive silica alteration, minor patchy fuschite alteration
BH-22-07	178.59	179.12	CL	3	PER							Pervasive moderate chlorite altered mafic volcanic
BH-22-07	179.12	181.7	SER	3	PER	SI	2	PER				
BH-22-07	181.7	188.67	SER	3	PER	FU	2	PAT	SI	2	PER	Pervasive moderate sericite alteration with minor patchy fuschite and minor pervasive silica alteration
BH-22-07	188.67	189.34	SI	2	PER							Pervasive minor silica alteration
BH-22-07	189.34	198.56	SER	3	PER	SI	2	PER	FU	3	PAT	Patchy moderate fuschite, pervasive moderate sericite alteration and minor pervasive silica alteration
BH-22-07	198.56	216.1	SER	4	PER	SI	2	PER				Intense pervasive sericite altered and minor pervasive silica alteration
BH-22-07	216.1	218.1	SER	3	PER	SI	2	PER				Pervasive moderate sericite alteration. Pervasive minor silica alteration
BH-22-07	218.1	226.05	CB	3	PAT	CL	2	PER				Patchy moderate carbonate alteration in a vein host, and minor pervasive chlorite alteration
BH-22-07	226.05	228.95	SER	3	PER	SI	2	PER				Moderate pervasive sericite alteration. Minor pervasive silica alteration
BH-22-07	228.95	233	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	233	234.04	FU	3	PAT	SER	3	PAT				Moderate patchy fuschite and sericite alteration in bands
BH-22-07	234.04	245.06	CL	3	PER	CB	3	PAT				Moderate pervasive chlorite alteration and patchy carbonate alteration as pseudobreccia vein texture.
BH-22-07	245.06	246.32	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	246.32	263.5	CL	2	PER							Minor pervasive chlorite alteration
BH-22-07	263.5	279	CL	2	PER							
BH-22-07	279	282.45	SI	2	PER							Pervasive minor silica alteration
BH-22-07	282.45	292.27	CL	2	PER	SI	2	PER				Pervasive minor chlorite and silica alteration
BH-22-07	292.27	293.75	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	293.75	302.41	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	302.41	305.45	SI	2	PER							Minor pervasive silica alteration
BH-22-07	305.45	310.88	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	310.88	327	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	327	337.15	CL	3	PER	CB	4	VN				Moderate pervasive chlorite alteration. Intense carbonate alteration in vein pseudobreccia
BH-22-07	337.15	345	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	345	348.77	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	348.77	351.63	SI	2	PER							Minor pervasive silica alteration
BH-22-07	351.63	358.25	CL	3	PER							pervasive moderate chlorite alteration
BH-22-07	358.25	372.39	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	372.39	379.83	SI	3	PER	SER	2	PER				Pervasive moderate silica alteration. Pervasive minor sericite alteration
BH-22-07	379.83	392.77	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	392.77	404.27	CL	3	PER							Pervasive moderate chlorite alteration
BH-22-07	404.27	406.92	SI	3	PER	SER	2	PER				pervasive moderate silica alteration and pervasive minor sericite alteration
BH-22-07	406.92	423	CL	3	PER							pervasive moderate chlorite alteration
BH-22-07	423	440.97	CL	3	PER							
BH-22-07	440.97	456.96	CL	3	PER							Moderate pervasive chlorite alteration
BH-22-07	456.96	474.2	CL	3	PER							Moderate pervasive chlorite alteration.



DRILL HOLE LOGS - MINERALIZATION												
Drill Hole ID	From (m)	To (m)	Min1	Min1_Pct	Min1_Form	Min2	Min2_Pct	Min2_Form	Min3	Min3_Pct	Min3_Form	Comments
BH-22-01	39.68	39.97	S	0.1	FD							
BH-22-01	50.53	59.82	S	0.1	FD							
BH-22-01	63.2	65.91	PY	1	FD							
BH-22-01	72.17	75.6	PY	0.5	FD	PO	0.5					
BH-22-01	75.6	80.5	S	1.5	FD							
BH-22-01	126.78	128.79	S	0.1	FD							Trace finely disseminated pyrite/pyrrhotite in chlorite schist unit
BH-22-01	132.29	132.75	PY	1	FD							Minor finely disseminated Pyrite
BH-22-01	147.29	152.45	S	0.1	FD							Trace finely disseminated pyrite/pyrrhotite
BH-22-01	152.45	185.5	PY	0.1	FD							Finely disseminated Pyrite throughout
BH-22-02	26	44	PY	3	DIS	PY	1	VNLT				Minor disseminated pyrite and trace pyrite veinlets
BH-22-02	44	44.5	PY	10	BND	PO						10% pyrite in bands
BH-22-02	44.5	48	PY	3	DIS							3% disseminated pyrite in greenstone
BH-22-02	48	48.5	PY	8	BND	PO	1	BND				Banded pyrite and trace pyrrhotite
BH-22-02	48.5	50.89	PY	1	DIS							trace disseminated pyrite in greenstone
BH-22-02	50.89	51.5	PY	10	BND							10% banded pyrite in greenstone
BH-22-02	51.5	52.9	PY	1	DIS	TO	4	DIS				Trace disseminated pyrite. 4% disseminated black tourmaline
BH-22-02	52.9	53	SP	1	VNLT							Dark brown red sphalerite veinlet in mafic metavolcanic
BH-22-02	53	56.49	PY	2	DIS							2% disseminated pyrite. Up to 5% pyrite in carbonate vein at 54.6m
BH-22-02	56.49	62.58	PY	1	DIS							Trace disseminated pyrite throughout greenstone
BH-22-02	62.58	63.83	PY	8	BND	PO	1	BND	HE	0.1	DIS	8% banded pyrite with trace pyrrhotite. Trace hematite associated with pyrite and po bands
BH-22-02	63.83	64.75	PY	0.1	DIS							Trace disseminated pyrite
BH-22-02	64.75	67.37	PY	5	BND	PO	0.1	BND				Banded 5% pyrite and trace Po.
BH-22-02	67.37	73.54	PY	2	BND							Minor banded pyrite in greenstone
BH-22-02	73.54	75.5	PY	0.1	DIS							Trace disseminated pyrite
BH-22-02	75.5	75.55	PY	5		PO	5					5% pyrite and Po cluster
BH-22-02	75.55	86.54	PY	1								
BH-22-02	86.54	129	PY	0.1	FD							Trace finely disseminated pyrite throughout
BH-22-02	129	146	TO	2	DIS	CP	0.1	DIS	PY	0.1		2% disseminated tourmaline hosted in discordant white 1cm thick quartz vein. Trace disseminated cpy, py and po
BH-22-02	146	153.95	PO	0.1	DIS	PY	0.1	DIS	CP	0.1	DIS	Trace disseminated Po, Py and Cpy
BH-22-02	153.95	154.08	VG	1	DIS	CP	1	DIS	PO	2	DIS	1% disseminated gold in smoky quartz vein. 1% disseminated cpy and 2% po all in smoky quartz vein
BH-22-02	154.08	163.4	PY	0.1	DIS							Trace disseminated Pyrite
BH-22-02	163.4	180.6	PY	0.1	FD							Trace finely disseminated pyrite
BH-22-02	180.6	198	PY	0.1	FD							Trace finely disseminated pyrite
BH-22-02	198	206	PY	0.1	FD							Trace Finely disseminated Pyrite
BH-22-03	27.68	28.62	S	0.2	SMAS							
BH-22-03	33.1	43.36	S	0.1	FD							Sulfides are trace, sparse and very finely disseminated.
BH-22-03	43.36	43.83	PO	5	SMAS	PY	2	SMAS				PO and PYR concentrated in strongly foliated section of metavolcanic unit. Mineralization occurs in stringers parallel to folia
BH-22-03	47.25	47.85	PO	2	SMAS	PY	1	FD				Mineralization is most visible on broken fracture surface.
BH-22-03	57.75	60.69	PY	1	FD	PO	0.1					
BH-22-03	62	62.15	S	2	FD							PO and PYR are concentrated in small deformed quartz vein within surrounding breccia.
BH-22-03	68.2	69.85	PO	0.1	FD							
BH-22-03	97.2	99.6	PO	0.5	FD							
BH-22-03	106.1	110	S	2	SMAS							
BH-22-03	111.8	115.6	PY	1	FD							
BH-22-03	117.47	120.71	PY	0.1	FD							
BH-22-03	132.2	132.8	S	1	FD							
BH-22-03	167.31	169	S	1	FD							



DRILL HOLE LOGS - MINERALIZATION												
Drill Hole ID	From (m)	To (m)	Min1	Min1_Pct	Min1_Form	Min2	Min2_Pct	Min2_Form	Min3	Min3_Pct	Min3_Form	Comments
BH-22-03	181.03	181.95	PO		2 SMAS							
BH-22-04	42.7	44	PY		5 BND							
BH-22-04	49.9	67.8	PY		1 WIS							
BH-22-04	67.8	67.96	S		6 WIS							
BH-22-04	73.27	74	PY		2 WIS							
BH-22-04	80.7	81.25	S		5 BND							
BH-22-04	85.13	85.35	MG		20 BND							
BH-22-04	86.9	87.1	MG		20 BND	PY		4 FD				
BH-22-04	88.35	89	MG		5 BND	PY		10 WIS				
BH-22-04	89	89.6	PY		7 WIS							
BH-22-04	96.6	97.27	S		5 MAS							
BH-22-04	113	113.5	S		0.5 MAS							
BH-22-04	135.6	136.9	S		1 MAS							
BH-22-04	145.75	148.37	S		1 MAS							
BH-22-04	166.13	166.95	PO		2 MAS							
BH-22-04	178.75	180.6	PY		0.1 FD							
BH-22-04	184.4	185.05	S		1 FD							
BH-22-04	209.37	213.78	PY		0.5 FD							
BH-22-04	216.55	217.38	S		0.1 FD							
BH-22-04	224.8	225.83	PY		1 SMAS	PO		5 SMAS				
BH-22-04	225.83	229.1	S		1 FD							
BH-22-04	272.74	277	PY		2 FD	PO		0.5 FD				
BH-22-05	26	44.4	PY		1 DIS							Disseminated trace pyrite
BH-22-05	44.4	50	PY		3 VN							3% Pyrite in grey quartz vein along foliation
BH-22-05	50	54.65	PY		1 DIS							1% disseminated pyrite
BH-22-05	54.65	54.8	PY		25 BND							Pyrite veins along foliation
BH-22-05	54.8	63	PY		1 DIS							Trace disseminated pyrite
BH-22-05	63	63.25	PY		25 SMAS	AS		10 DIS				Semi massive pyrite along foliation with 10% arsenopyrite disseminated in along foliation
BH-22-05	63.25	74.8	PY		1 DIS							Trace disseminated pyrite
BH-22-05	74.8	78	PY		15 VNLT							15% pyrite veinlets along foliation
BH-22-05	78	83	PY		1 DIS							Trace disseminated pyrite
BH-22-05	83	95	PY		1 DIS							Trace disseminated pyrite
BH-22-05	95	112	PY		0.1 DIS							Trace disseminated pyrite throughout
BH-22-05	112	116	PY		5 VNLT							5% pyrite veinlets along foliation
BH-22-05	116	119	PY		2 VNLT							2% Pyrite veinlets along foliation
BH-22-05	119	127.9	PY		3 DIS							3% disseminated pyrite
BH-22-05	127.9	128.8	PY		5 DIS							5% disseminated pyrite in veinlets along foliation
BH-22-05	134	139.7	PO		0.1 DIS	PY		1 DIS				Trace disseminated Po and minor disseminated Py
BH-22-05	139.7	140.25	PY		20 SMAS							20% semi massive pyrite along foliation
BH-22-05	140.25	142.5	PY		1 DIS							trace disseminated pyrite
BH-22-05	142.5	142.51	TO		2							Large band of bright light green tourmaline?? Really not sure what it is
BH-22-05	142.51	153.5	PY		2 DIS							Minor disseminated pyrite
BH-22-05	153.5	155	PY		3 VNLT							3% Pyrite veinlets along foliation
BH-22-05	155	173	PY		1 DIS							Trace disseminated pyrite
BH-22-05	173	187	PY		5 VNLT							5% pyrite veinlets along foliation
BH-22-05	187	190.45	PY		1 DIS							
BH-22-05	190.45	194.3	PY		0.1 DIS							Trace disseminated pyrite throughout intermediate dyke

DRILL HOLE LOGS - MINERALIZATION												
Drill Hole ID	From (m)	To (m)	Min1	Min1_Pct	Min1_Form	Min2	Min2_Pct	Min2_Form	Min3	Min3_Pct	Min3_Form	Comments
BH-22-05	194.3	195.5	PY	5	VNLT							5% Pyrite veinlets along foliation
BH-22-05	195.5	197.95	PY	0.1	DIS							Trace disseminated pyrite
BH-22-05	197.95	203	PY	5	VNLT							5% pyrite veinlets along foliation
BH-22-05	203	203.75	PY	5	VNLT							5% pyrite in veinlets along foliation
BH-22-05	203.75	207.05	PY	1	DIS							Trace disseminated pyrite
BH-22-05	207.05	209.4	PY	10	DIS	PO	1	DIS				10% disseminated pyrite in mm sized grey quartz veins along foliation. 1% Po disseminated in grey quartz veins
BH-22-05	209.4	210.8	PY	1	DIS							Trace disseminated pyrite
BH-22-05	210.8	212.8	PY	5	DIS							5% disseminated pyrite in grey quartz veins
BH-22-05	212.8	214.1	PY	1	DIS							Trace disseminated pyrite
BH-22-05	214.1	218	PY	8	DIS	PO	0.1	DIS				8% disseminated pyrite and trace po in grey quartz veins along foliation
BH-22-05	218	224.28	PY	5	VNLT							5% pyrite veinlets along bedding foliation
BH-22-05	224.28	250	PY	1	DIS	PO	0.1	DIS				Minor disseminated pyrite and trace disseminated pyrrhotite
BH-22-05	250	266	PY	1	DIS	PO	0.1	DIS				Minor disseminated pyrite and trace disseminated po
BH-22-05	266	283.39	PY	1	DIS	PO	0.1	DIS				Minor disseminated pyrite and trace disseminated po
BH-22-05	283.39	351.2	PY	0.1	DIS	PO	0.1	DIS				Trace disseminated Pyrite and Pyrrhotite
BH-22-05	351.2	362	PO	0.1	BL							
BH-22-05	362	364	PO	0.2	BL	CP	0.1	BL				
BH-22-05	364	365.66	NIL	0								
BH-22-05	365.66	366.46	PY	0.1	DIS							
BH-22-05	366.46	370.65	PY	0.1	DIS							
BH-22-05	370.65	374	PY	0.1	DIS							
BH-22-05	374	394.2	NIL	0								
BH-22-05	394.2	397.25	NIL	0								
BH-22-05	397.25	410	PO	0.1	VNLT							
BH-22-05	410	423.43	PO	0.1	DIS	PY	0.1	DIS				Trace disseminated pyrite and po
BH-22-05	423.43	449	PO	0.1	DIS	PY	0.1	DIS				Trace disseminated pyrite and po in mafic volcanic
BH-22-06	21	34.9	PY	2	DIS							2% disseminated pyrite
BH-22-06	34.9	36.39	PY	10	VN							Banded pyrite veinlets
BH-22-06	36.39	42	PY	2	DIS							2% disseminated pyrite
BH-22-06	42	53.2	PY	3	VNLT							3% pyrite veinlets along foliation.
BH-22-06	53.2	53.35	PY	15	VNLT							15% Pyrite veinlets along smoky quartz vein
BH-22-06	53.35	63	PY	2	VNLT	PO	0.1	DIS	PY	5	DIS	Disseminated trace pyrrhotite and 2% pyrite veinlets along foliation. 5% disseminated pyrite
BH-22-06	63	67.3	PY	10	VNLT							10% pyrite veinlets along foliation
BH-22-06	67.3	67.4	AS	2	DIS	PY	2	DIS				2% disseminated arsenopyrite and pyrite
BH-22-06	67.4	70.8	PO	1	DIS	PY	1	DIS				1% disseminated pyrite and pyrrhotite
BH-22-06	70.8	86.9	PY	1	DIS							1% disseminated pyrite
BH-22-06	86.9	87.9	PO	1	DIS	CP	1	DIS	PY	1	DIS	Disseminated pyrrhotite, chalcopyrite and pyrite in chlorite altered mafic metavolcanic
BH-22-06	87.9	89	PY	0.1	DIS	PO	1	VN	AS	0.1	DIS	Trace disseminated pyrite, arsenopyrite and chalcopyrite. 1% Po disseminated and infilling fractures.
BH-22-06	89	96.2	PO	0.1	DIS	PY	0.1	DIS	CP	0.1	DIS	Trace disseminated Po, Py and Cpy
BH-22-06	96.2	96.4	CP	2	DIS	PO	1	DIS	PY	1	DIS	2% disseminated cpy in smoky grey quartz vein, 1% disseminated Po and Py
BH-22-06	96.4	99.9	PO	0.1	DIS	PY	0.1	DIS	CP	0.1	DIS	Trace disseminated Po, Py and Cpy
BH-22-06	99.9	100	CP	5	DIS	PO	10	DIS	PY	5	DIS	5% Disseminated cpy and py in a smoky grey quartz vein. 10% Po disseminated in smoky grey quartz vein
BH-22-06	100	100.4	PY	0.1	DIS							Trace disseminated pyrite
BH-22-06	100.4	100.5	CP	10	DIS	PY	10	DIS				10% disseminated cpy and py in smoky grey quartz vein
BH-22-06	100.5	103	PY	1	DIS	CP	1	DIS	PO	1	DIS	Trace disseminated pyrite pyrrhotite and chalcopyrite
BH-22-06	103	114.3	PY	0.1	DIS							Trace disseminated pyrite
BH-22-06	114.3	114.37	PY	1	DIS	CP	1	DIS				Trace disseminated pyrite and chalcopyrite in smoky grey quartz vein

DRILL HOLE LOGS - MINERALIZATION												
Drill Hole ID	From (m)	To (m)	Min1	Min1_Pct	Min1_Form	Min2	Min2_Pct	Min2_Form	Min3	Min3_Pct	Min3_Form	Comments
BH-22-06	114.37	135	PY	1	DIS							Trace disseminated pyrite
BH-22-06	135	141.6	PY	0.1	DIS							Trace disseminated pyrite
BH-22-06	141.6	142	PO	3	DIS	PY	3	DIS				3% Po and Py disseminated in quartz veins
BH-22-06	142	152.5	PY	0.1	DIS							Trace disseminated pyrite
BH-22-06	152.5	165.35	PY	1	DIS							1% disseminated pyrite throughout
BH-22-06	165.35	179	PY	0.1	DIS							Trace disseminated pyrite
BH-22-06	179	225	PY	0.1	DIS							Trace disseminated pyrite throughout tonalite unit
BH-22-07	21	36.62	PY	5	BND							5% pyrite banded in argillite.
BH-22-07	36.62	46.03	PY	0.1	DIS							Trace disseminated pyrite
BH-22-07	46.03	51	PY	0.1	DIS							Trace disseminated pyrite in green mafic metavolcanic
BH-22-07	51	63.8	PY	5	BND							5% banded pyrite in grey argillite unit
BH-22-07	63.8	68.47	PY	0.1	FD							Trace finely disseminated pyrite
BH-22-07	68.47	71.9	PY	5	BND							5% banded pyrite in argillite unit
BH-22-07	71.9	84.68	PY	5	BND							5% banded pyrite in sericite altered argillite
BH-22-07	84.68	88.19	PY	0.1	FD							Trace finely disseminated pyrite
BH-22-07	88.19	89.1	PY	0.1	DIS							Trace disseminated pyrite
BH-22-07	89.1	100.38	PY	3	BND							3% banded pyrite in argillite
BH-22-07	100.38	119.3	PY	8	VN							8% pyrite in veins along foliation and in bands
BH-22-07	119.3	128.1	PY	0.1	DIS							Trace disseminated pyrite
BH-22-07	128.1	134.95	PY	3	BND							3% banded pyrite in argillite
BH-22-07	134.95	143.42	PY	8	BND							8% banded pyrite in argillite
BH-22-07	143.42	147.79	PY	1	DIS							Trace disseminated pyrite in mafic metavolcanic
BH-22-07	147.79	152.25	PY	3	BND							3% banded pyrite
BH-22-07	152.25	157.38	PY	3	BND							3% banded pyrite
BH-22-07	157.38	160	PY	0.1	DIS							Trace disseminated pyrite
BH-22-07	160	164.85	PY	5	BND							5% banded pyrite in argillite
BH-22-07	164.85	178.56	PY	10	BND							10% pyrite banded
BH-22-07	178.56	179.12	PY	0.1	DIS							trace disseminated pyrite
BH-22-07	179.12	181.7	PY	5	BND							5% banded pyrite in argillite
BH-22-07	181.7	188.67	PY	15	BND							15% pyrite bands in argillite
BH-22-07	188.67	189.54	PY	0.1	DIS							Trace disseminated pyrite throughout dyke
BH-22-07	189.54	198.55	PY	10	BND							10% banded pyrite
BH-22-07	198.55	216.1	PY	5	BND							5% pyrite in argillite as bands
BH-22-07	216.1	228.95	PY	3	DIS							3% disseminated pyrite along veinlets
BH-22-07	228.95	243	PY	1	DIS							Minor disseminated pyrite
BH-22-07	243	243.4	PO	2	DIS	CP	0.1	DIS				Minor 2% Po in sub mm veinlets and disseminated. Trace cpy intergrown with po
BH-22-07	243.4	246.32	PO	0.1	DIS	PY	0.1	DIS				Trace disseminated po and Py
BH-22-07	246.32	263.5	PY	1	DIS							Trace disseminated pyrite
BH-22-07	263.5	279	PY	1	DIS							Trace disseminated pyrite
BH-22-07	279	294	PY	0.1	DIS							Trace disseminated pyrite throughout
BH-22-07	294	295	PO	2	DIS	CP	0.1	DIS				2% disseminated po and trace disseminated cpy
BH-22-07	295	305.45	PY	0.1	DIS							Trace disseminated pyrite throughout
BH-22-07	305.45	310.91	PO	0.1	DIS	PY	0.1	DIS				Trace disseminated po and py
BH-22-07	310.91	321	PY	1	BL							1% disseminated blebs
BH-22-07	321	327	PO	0.1	DIS	PY	0.1	DIS				Trace disseminated pyrite and po
BH-22-07	327	345	PY	0.1	DIS	PO	0.1	DIS				Trace disseminated pyrite and po
BH-22-07	345	358.25	PY	0.1	DIS							Trace disseminated pyrite

DRILL HOLE LOGS - MINERALIZATION												
Drill Hole ID	From (m)	To (m)	Min1	Min1_Pct	Min1_Form	Min2	Min2_Pct	Min2_Form	Min3	Min3_Pct	Min3_Form	Comments
BH-22-07	358.25	366	PY	0.1	DIS	PO	1	DIS	CP	0.1	DIS	Trace disseminated py and cpy. Minor disseminated po
BH-22-07	366	379.83	PY	0.1	DIS							Trace disseminated pyrite
BH-22-07	379.83	392.77	PO	2	DIS	CP	0.1	DIS	PY	1	DIS	2% disseminated po, trace disseminated cpy and po
BH-22-07	392.77	404.27	PY	0.1	DIS							Trace disseminated pyrite
BH-22-07	404.27	417.7	PY	0.1	DIS							Trace disseminated pyrite
BH-22-07	417.7	424	PO	3	DIS	CP	0.1	DIS	PY	1	DIS	3% disseminated po, and trace cpy. Minor disseminated py
BH-22-07	424	440.27	PY	0.1	DIS	PO	0.1	DIS				Trace disseminated po+py
BH-22-07	440.27	453	PO	0.1	DIS	PY	0.1	DIS				Trace disseminated py+Po
BH-22-07	453	454	PO	5	DIS	CP	0.1	DIS	PY	0.1	DIS	5% disseminated po and trace cpy and py
BH-22-07	454.65	455.26	CP	0.1	DIS	PO	0.1	DIS	PY	0.1	DIS	Trace disseminated cpy, po and py and as in grey quartz vein
BH-22-07	455.26	474.2	PO	1	DIS	PY	1					Trace disseminated po+py
BH-22-07	474.2	485.7	PO	0.1	DIS	PY	0.1	DIS				Trace disseminated py+po
BH-22-07	485.7	487.37	PO	2	DIS	CP	0.1	DIS	PY	1	DIS	2% disseminated Po, 1% disseminated py and trace cpy
BH-22-07	487.37	487.54	PO	5	DIS	CP	1	DIS	PY	3	DIS	5% disseminated py in grey quartz vein. 1% disseminated cpy in grey quartz vein. 3% disseminated pyrite in grey quartz vein
BH-22-08	11.5	28.49	PY	0.1	DIS							
BH-22-08	28.49	70	PY	0.25	BND							
BH-22-08	70	76	PY	3.5	BND							assoc with hem and/or ank alt>calcite bands along bedding.
BH-22-08	76	100	PY	0.25	BND							
BH-22-08	100	101	PY	3.5	BND							assoc with ank>calcite alt bands sbpl to bedding.
BH-22-08	101	104	PY	0.2	DIS							
BH-22-08	104	121.8	PY	0.1	DIS							Trace disseminated pyrite
BH-22-08	121.8	127.7	PY	0.1	DIS							Trace disseminated pyrite in mafic metavolcanic
BH-22-08	127.7	128.05	PY	2	DIS	PO	2	DIS	CP	1	DIS	2% disseminated py+po and 1% disseminated cpy in spotted quartz carbonate veinlet stockwork texture
BH-22-08	128.05	138.84	PO	0.1	DIS	PY	0.1	DIS	CP	0.1	DIS	Trace disseminated py+po and cpy
BH-22-08	138.84	151.47	PY	0.1	DIS							trace disseminated pyrite in mafic metavolcanic
BH-22-08	151.47	167.25	NIL	0								
BH-22-08	167.25	167.3	PY	2	BND							Oxidized pyrite along foliation in a band
BH-22-08	167.3	168.53	NIL	0								
BH-22-08	168.83	176.1	PY	0.1	DIS	PO	0.1	DIS				Trace disseminated py and po
BH-22-08	176.1	186.9	PY	0.1	DIS	PO	0.1	DIS				Trace disseminated py and po
BH-22-08	186.9	189.3	PY	0.1	DIS	PO	0.1	DIS				Trace disseminated pyrite and pyrrhotite
BH-22-08	189.3	202.75	PY	0.1	FD							Trace finely disseminated pyrite
BH-22-08	202.75	215.5	PY	0.1	FD							Trace finely disseminated pyrite in tonalite
BH-22-08	215.5	232.8	PY	0.1	FD							Trace finely disseminated pyrite
BH-22-08	232.8	245	PY	0.1	FD							Trace finely disseminated pyrite in tonalite

**DRILL HOLE LOGS - ORIENTED CORE STRUCTURES**

Drill Hole ID	From (m)	To (m)	Struct1	Struct1_Int	Struct1_TCA	Struct2	Struct2_Int	Struct2_TCA	Alpha	Beta	Gamma	Comments
BH-22-01	15.85	55.25	FLM	4	61	MF	4					
BH-22-01	55.25	55.28	FLT	4	63							
BH-22-01	55.28	62.95	FLM	4	64	MF	4					
BH-22-01	62.95	65.91	FLS	5	61							
BH-22-01	65.91	66.72	FLS	5	59							
BH-22-01	66.72	74.6	FLS	5	78							
BH-22-01	74.6	78	FLS	4	76							
BH-22-01	86.36	87.52	FLS	4	65							
BH-22-01	98.6	98.72	FLT	5	86							
BH-22-01	103.7	109.43	FLM	3	90							
BH-22-01	109.43	110.46	FLS	5	89							
BH-22-01	125.5	125.51	FLM	3	55							Moderately foliated tonolite
BH-22-01	127	127.01	FLS	5	72							intensely foliated chlorite schist with high angle foliation
BH-22-01	129.7	129.71	VN		70							unmineralized quartz k feldspar vein
BH-22-01	140.7	140.71	FLM	3	68							moderately foliated tonolite unit
BH-22-01	151	151.01	FLM	3	55							Moderately foliated mafic metavolcanic clast unit
BH-22-01	154	154.01	FLM	3	50							moderately foliated tonalite, lower angle
BH-22-01	168	168.01	FLW	2	50							Weakly foliated phaneritic tonalite unit
BH-22-01	175.9	175.91	VN		30							unmineralized quartz vein discordant to foliation
BH-22-01	180.45	180.45	FLM		55							Moderately foliated tonalite. Foliation in this unit is defined by the sericite alteration.
BH-22-02	26	53	FLS									Strong foliation in greenstone.
BH-22-02	53	56.49	FLM									moderately foliated greenstone
BH-22-02	56.49	71.5	FLS									Strongly foliated greenstone and iron formation
BH-22-02	71.5	73.54	FLM									Moderate foliation in greenstone
BH-22-02	73.54	86.54	FLM									Moderately foliated greenstone
BH-22-02	86.54	94.71	FLM									Moderately foliated greenstone
BH-22-02	94.71	103.5	FLM									Moderately foliated greenstone
BH-22-02	103.5	103.51	FLM						55	40		
BH-22-02	116.09	116.1	VN						45	80		non mineralized carbonate vein along foliation
BH-22-02	123.85	123.85	FLM						35	315		
BH-22-02	187.9	187.91	FLS	4					65	35		Foliation in Tonalite Foliation is strong
BH-22-02	189.2	189.25	VN						70	55		barren vein in tonalite along foliation
BH-22-02	190.45	190.46	FLM	4					70	60		Strong foliation in tonalite
BH-22-03	14.2	26.8	FLW	2	58	MF	3	58				Weak foliation
BH-22-03	26.8	27	VN	4	58							quartz vein described in litho
BH-22-03	27	39.12	FLM	2	54	MF	2	54				
BH-22-03	39.85	43.36	FLW	2	62							
BH-22-03	43.36	44.12	FLS	5	54							foliation hosted sulfide mineralization
BH-22-03	44.12	57.1	FLW	4	61							
BH-22-03	57.1	70.15	FLW	3	55							
BH-22-03	70.15	75.1	FLW	1	60							
BH-22-03	75.7	87.72	FLW	1	59							
BH-22-03	87.2	88.83	FLW									Weakly foliated chlorite altered mafic metavolcanic. Brittle deformation is observed and weak foliation
BH-22-03	88.83	91.29	FLS									Strongly foliated chlorite mafic volcanic with discontinuous parallel veinlets with a matrix fill appearance.
BH-22-03	91.29	94.5	FLW									Weakly foliated chlorite altered mafic metavolcanic displaying brittle deformation
BH-22-03	94.5	95.09	FLS									Strongly foliated grey green mafic metavolcanic with tightly spaced bands of argillite? And quartz
BH-22-03	95.09	107.5	FLM									Moderately Foliated chlorite altered mafic metavolcanic

**DRILL HOLE LOGS - ORIENTED CORE STRUCTURES**

Drill Hole ID	From (m)	To (m)	Struct1	Struct1_Int	Struct1_TCA	Struct2	Struct2_Int	Struct2_TCA	Alpha	Beta	Gamma	Comments
BH-22-03	107.5	108.69	FLM									Moderately foliated sericite+chlorite altered mafic metavolcanic with parallel carbonate veinlets that appear to be infilling matrix
BH-22-03	108.69	117.47	FLS									Strongly foliated mafic metavolcanic. Foliation increases towards the contact with the tonalite at the end of the sequence.
BH-22-03	117.47	134.66	FLS									Strongly foliated tonalite with particularly strong foliation with upper contact with mafic metavolcanic
BH-22-03	136.45	136.91	FLS	3								
BH-22-03	136.91	148.8	FLM	2								Moderately foliated tonalite; tighter bands than typical appearance of the unit.
BH-22-03	148.8	171.18	FLW	1								Weakly foliated tonalite; strength of deformation varies slightly throughout unit.
BH-22-03	171.18	171.3	FLS	4								Strongly foliated piece of original metavolcanic within tonalite pluton.
BH-22-03	171.3	192	FLW	2								Very weak/trace foliation in tonalite towards end of hole. Alignment seen in biotite crystals and alteration products.
BH-22-04	27.5	84.84	FOL	4		50 VN	2	50	50			All units are uniformly foliated in the same direction throughout the section. Foliation angle ranges from 45-50 degrees from core apex axis. Mild
BH-22-04	84.84	84.92	BED	5		48 FOL	4	50	50			Strongly bedded/foliated iron formation.
BH-22-04	84.92	85.1	FOL	4		50 VN	1	50				
BH-22-04	85.1	85.75	BED	5		48 FOL	4	50				
BH-22-04	85.75	88.35	FOL	4		49 VN	1					
BH-22-04	88.35	89	BED	5		48 FOL	2					
BH-22-04	89	107.62	FOL	3		51 VN	4					
BH-22-04	107.62	122.35	FOL	2		55						
BH-22-04	122.35	123.36	FOL	5		50						
BH-22-04	123.36	134.1	FOL	2		51 VN	1	50				
BH-22-04	134.1	136.75	BED	4		50						
BH-22-04	136.75	173.2	FOL	2		50						
BH-22-04	173.2	178.75	FOL	3		50 VN	2	50				
BH-22-04	178.75	184	FOL	5		55						
BH-22-04	184	195.16	FOL	3		50 VN	2	60				
BH-22-04	195.16	206	FOL	4		57 VN	1					
BH-22-04	206	222.5	FOL	2		59						
BH-22-04	222.5	241.56	FOL	1		60						
BH-22-04	241.56	260.5	FOL	2		60						
BH-22-04	260.5	271.71	FOL	1		58						
BH-22-04	271.71	272.64	FOL	4		60						
BH-22-04	272.64	282.6	FOL	2		55						
BH-22-04	282.6	285.6	FOL	4		58						
BH-22-04	285.6	290	FOL	1		60						
BH-22-05	121.9	121.91	FOL						50	20		Might be bad, foliation along alteration
BH-22-05	124.8	124.81	FLS	4						355		Intense foliated
BH-22-05	139.5	139.6	FLS	4					35	12		
BH-22-05	139.7	139.71	FHM						30	4		Pyrite along foliation
BH-22-05	142.9	142.91	FOL						35	12		Foliation in argillite
BH-22-05	154.1	154.2	FOL						45	342		Foliation of argillite
BH-22-05	154.2	166.1	FLS	4								Strongly foliated argillite
BH-22-05	166.1	172.75	FLM	3								Moderate foliated
BH-22-05	172.75	190.4	FLS	4								Strongly foliated Argillite
BH-22-05	190.4	194.3	FLM	3								Moderately foliated intermediate Dyke
BH-22-05	194.3	195.5	FLS	4								Strongly foliated argillite
BH-22-05	195.5	197.9	FLM	3								Moderately foliated
BH-22-05	197.9	203.75	FLS	4								Strongly foliated argillite
BH-22-05	203.75	204.9	FLM	3								Moderately foliated MFMV
BH-22-05	204.9	206.35	FLS	4								Strongly Foliated argillite

**DRILL HOLE LOGS - ORIENTED CORE STRUCTURES**

Drill Hole ID	From (m)	To (m)	Struct1	Struct1_Int	Struct1_TCA	Struct2	Struct2_Int	Struct2_TCA	Alpha	Beta	Gamma	Comments
BH-22-05	206.35	207.03	FLM	3								Moderately foliated MFMV
BH-22-05	207.03	209.43	FLS	4								Strongly foliated argillite
BH-22-05	209.43	210.75	FLS	2								Weakly foliated porphyritic intermediate dyke
BH-22-05	210.75	212.79	FLS	4								Strongly foliated argillite
BH-22-05	212.79	214.08	FLW	2								Weakly foliated porphyritic intermediate dyke
BH-22-05	214.08	218	FLS	4								Strongly foliated argillite
BH-22-05	256.9	256.91	VN						30	292		Quartz vein
BH-22-05	313.45	318.4	BED	3	45				45	305		Planar bedding. Beds appear to be fining downhole.
BH-22-05	318.4	325	BXD	4	55				55	350		Volcanic pillow selvage and associated brecciation.
BH-22-05	325	351.2	BXD	4	40				40	18		Pillow selvage breccia.
BH-22-05	351.2	362	FOL	2	40							Increasing intensity dh.
BH-22-05	362	365.66	FOL	2	45							Wk-locally mod fol alonged compressed selvages.
BH-22-05	365.66	365.67	CNTCT	4	75				75	55		
BH-22-05	366.46	366.47	CNTCT	4	75				75	60		
BH-22-05	366.47	370.65	FOL	3	40							
BH-22-05	370.65	370.66	CNTCT	4	40				40	10		
BH-22-05	370.66	373.85	FOL	3	40							
BH-22-05	373.85	374	SH	3	40				40	0		
BH-22-05	374	374.01	CNTCT	4	40				40	0		
BH-22-05	374.01	394.2	FOL	1	45				45	335		Locally crenulating selvages
BH-22-05	394.2	394.45	SH	3	45							
BH-22-05	394.45	394.86	FLT	2	45							Minor mm-scale gouge coating rubble
BH-22-05	394.86	397.25	SH	3	45							
BH-22-05	397.25	405.6	FOL	4	40				40	10		strong fol across selvages appearing locally crenulated/anastomosing
BH-22-05	405.6	410	FOL	2	40							
BH-22-05	410	410.1	FLM	3					45	296		Moderately foliated mafic metavolcanic
BH-22-05	410.1	449	FLM	3								Moderately foliated mafic metavolcanic
BH-22-06	21	70.67	FLS									Strong foliation across all units
BH-22-06	70.67	88	FLS									Strong foliation across all units
BH-22-06	88	165.35	FLS	4								Strong foliation through mafic metavolcanic
BH-22-06	165.35	200	FLM	3								Moderate foliation of the tonalite
BH-22-06	200	225	FLW	2								Weakly foliated tonalite
BH-22-07	21	46.03	FLW	2								Weakly foliated argillite and mafic metavolcanic
BH-22-07	46.03	84.68	FLM	3								Moderately foliated argillite
BH-22-07	84.68	88.19	FLW	2								Weakly foliated feldspar porphyry dyke and mafic metavolcanic
BH-22-07	88.19	89.1	FLW	2								Weakly foliated green mafic metavolcanic
BH-22-07	89.1	100.38	FLM	3								Moderately foliated argillite
BH-22-07	100.38	119.3	FLM	3								Moderately foliated argillite
BH-22-07	119.3	121.9	FLW	2								Weakly foliated green mafic metavolcanic
BH-22-07	121.9	134.95	FLM	3								Moderately foliated argillite
BH-22-07	134.95	152.25	FLM	3								Moderately foliated argillite with pyrite bands
BH-22-07	152.25	157.38	FLM	3								Moderately foliated argillite
BH-22-07	160	164.85	FLM	3								Moderately foliated argillite
BH-22-07	164.85	178.56	FLM	3								Moderately foliated argillite
BH-22-07	178.56	179.12	FLW	2								Weakly foliated green mafic metavolcanic
BH-22-07	179.12	181.7	FLM	3								Moderately foliated argillite
BH-22-07	181.7	188.67	FLM	3								Moderately foliated argillite

**DRILL HOLE LOGS - ORIENTED CORE STRUCTURES**

Drill Hole ID	From (m)	To (m)	Struct1	Struct1_Int	Struct1_TCA	Struct2	Struct2_Int	Struct2_TCA	Alpha	Beta	Gamma	Comments
BH-22-07	189.54	198.55	FLM	3								Moderately foliated argillite
BH-22-07	198.55	216.1	FLM	3								Moderately foliated argillite
BH-22-07	216.1	228.98	FLM	3								Moderately foliated argillite
BH-22-07	233	234.04	FLM	3								Moderately foliated argillite
BH-22-07	234.04	246.32	FLW	2								Weakly foliated
BH-22-07	246.32	263.5	FLW	2								Weakly foliated
BH-22-07	263.5	275.65	FLW	2								Weakly foliated mafic metavolcanic
BH-22-07	282.43	292.27	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	292.27	310.91	FLM	3								moderately foliated mafic metavolcanic
BH-22-07	310.91	327	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	327	345	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	345	348.77	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	351.63	358.25	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	358.25	372.39	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	372.39	379.83	FLW	2								Weakly foliated felsic intrusive
BH-22-07	379.83	392.7	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	392.7	404.27	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	404.27	440.47	FLM	3								Moderately foliated FP intermixed with mafic metavolcanic
BH-22-07	440.47	447.3	FLM	3								Moderately foliated feldspar porphyry intermixed with mafic metavolcanic
BH-22-07	447.3	449.59	FLS	4								Strongly foliated shear zone in mafic metavolcanic+feldspar porphyry
BH-22-07	449.59	456.96	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	456.96	474.2	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	474.2	475.04	FLM	3								Moderately foliated mafic metavolcanic
BH-22-07	475.04	481.34	FLW	2								weakly foliated feldspar porphyry dyke
BH-22-07	481.34	489	FLM	3								Moderately foliated mafic metavolcanic
BH-22-08	16	26	FRA	5		30						pitting, fracturing, patchy rubble zones and local clay. Likely caused from meteoric water/frost heave.
BH-22-08	28.49	41.4	FRA	5		45	FBED	5	40			pitting, fracturing and rubble zones mostly due to drilling, local gouge or clay up to 4cm wide (some may be due to brittle faulting this time, gouge)
BH-22-08	41.4	66.27	FBED	5		45			45	0		
BH-22-08	66.27	66.52	FLT	2		35						wk brittle fit with local mm scale gouge and minor Fe oxidatoin.
BH-22-08	66.52	82	FBED	5		45			45	323		
BH-22-08	82	104	CRN	2		55	FBED	5	45	55	0	Wk-locally mod; cren cleavage (alpha=55, beta=0); bedding (alpha=45, beta=27)
BH-22-08	104	185.3	FLM	3								moderately foliated mafic metavolcanic
BH-22-08	185.3	194	FLS	4								Strong foliation in tonalite, moving into shear zone
BH-22-08	195.2	195.21	FLS	5					70	44		Sheared tonalite, MIGHT BE BADE MEASURMENT
BH-22-08	196.9	196.91	FLS	5					72	0		strongly sheared tonalite. MIGHT BE BAD MEASURMENT
BH-22-08	220.9	220.91	VN						45	10		White barren quartz veins along foliation
BH-22-08	223.9	223.91	FLM	3					50	355		Moderately foliated tonalite
BH-22-08	233.91	245	FLM	3								Moderately foliated tonalite for rest of hole



# APPENDIX D: ASSAY INTERVALS

Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060001	BH-22-01	16	17	1	0.162	0.03	45.4	147		
F060002	BH-22-01	17	18	1	0.456	0.08	96.3	160		
F060003	BH-22-01	18	19	1	0.449	0.06	67.1	158.5		
F060004	BH-22-01	19	20	1	0.017	0.06	99.8	167		
F060005	BH-22-01	20	21	1	0.039	0.03	52.8	156.5		
F060006	BH-22-01	21	22	1	0.008	0.03	73.4	143		
F060007	BH-22-01	22	23	1	0.003	0.06	129	154		
F060008	BH-22-01	23	24	1	0.023	0.04	63.9	161		
F060009	BH-22-01	24	25	1	0.016	0.04	79.9	161		
F060011	BH-22-01	25	26	1	0.029	0.02	44.4	160.5		
F060012	BH-22-01	26	27	1	0.052	0.04	55.6	156		
F060013	BH-22-01	27	28	1	0.018	0.05	82.3	163		
F060014	BH-22-01	28	29	1	0.034	0.02	51.8	156		
F060015	BH-22-01	29	32	3	0.101	0.03	40.4	147.5		
F060016	BH-22-01	33	36	3	0.062	0.02	16	167		
F060017	BH-22-01	36	39	3	0.043	0.06	132.5	150.5		
F060018	BH-22-01	39	42	3	0.022	0.05	103.5	156.5		
F060019	BH-22-01	42	45	3	0.025	0.06	141	148.5		
F060021	BH-22-01	45	48	3	0.048	0.08	117	158.5		
F060022	BH-22-01	48	51	3	0.035	0.06	105.5	145.5		
F060023	BH-22-01	51	54	3	0.02	0.08	140	152.5		
F060024	BH-22-01	54	55	1	0.027	0.04	101	144		
F060025	BH-22-01	55	56	1	0.012	0.03	61	148		
F060026	BH-22-01	56	57	1	0.022	0.15	408	143		
F060027	BH-22-01	57	58	1	0.14	0.22	696	149.5		
F060028	BH-22-01	58	59	1	0.012	0.04	127.5	135.5		
F060029	BH-22-01	59	60	1	0.038	0.08	173	154.5		
F060031	BH-22-01	60	61	1	0.094	0.08	144	125.5		
F060032	BH-22-01	61	62	1	0.009	0.04	81.4	127.5		
F060033	BH-22-01	62	63	1	0.021	0.05	63.2	130.5		
F060034	BH-22-01	63	64	1	0.017	0.08	77.8	119		
F060035	BH-22-01	64	65	1	0.012	0.07	72.9	127		
F060036	BH-22-01	65	66	1	0.011	0.1	73.5	109.5		
F060037	BH-22-01	66	67	1	0.002	0.09	51.1	36.2		
F060038	BH-22-01	67	68	1	0.01	0.12	63.1	42.1		
F060039	BH-22-01	68	69	1	0.004	0.11	39.9	24.9		
F060041	BH-22-01	69	70	1	0.004	0.05	33	17.9		
F060042	BH-22-01	70	70.72	0.72	0.003	0.09	42.9	51		
F060043	BH-22-01	70.72	72.17	1.45	0.002	0.09	38.4	33.8		
F060044	BH-22-01	72.17	73	0.83	0.001	0.08	28.6	7.9		
F060045	BH-22-01	73	73.82	0.82	<0.001	0.09	13.4	9		
F060046	BH-22-01	73.82	74.7	0.88	<0.001	0.06	13.8	6.7		
F060047	BH-22-01	74.7	76	1.3	0.001	0.14	11.9	21.6		
F060048	BH-22-01	76	77	1	<0.001	0.21	14.2	9.6		
F060049	BH-22-01	77	78	1	<0.001	0.18	11	6.4		
F060051	BH-22-01	78	79	1	0.001	0.24	19	6.4		
F060052	BH-22-01	79	80	1	0.029	0.19	16.9	7.6		
F060053	BH-22-01	80	80.72	0.72	0.002	0.05	7.9	4.2		
F060054	BH-22-01	80.72	81.5	0.78	0.013	0.03	14.2	6.2		
F060055	BH-22-01	81.5	82	0.5	<0.001	0.06	8.3	5.7		
F060056	BH-22-01	84	85	1	0.003	0.04	6.7	5.3		
F060057	BH-22-01	87	88	1	<0.001	0.06	20	4.3		
F060058	BH-22-01	90	91	1	<0.001	0.02	7.2	5.8		
F060059	BH-22-01	93	94	1	<0.001	0.04	5.4	4.5		
F060061	BH-22-01	96	97	1	0.004	0.05	16.8	8.9		
F060062	BH-22-01	99	100	1	<0.001	0.03	9.2	11.7		
F060063	BH-22-01	102.35	103.7	1.35	0.001	0.09	89.6	176		

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060064	BH-22-01	105	106	1	<0.001	0.03	8.9	5.9		
F060065	BH-22-01	108	109	1	<0.001	0.14	10.7	5.8		
F060066	BH-22-01	111	112	1	0.002	0.25	37	6.4		
F060067	BH-22-01	114	114.96	0.96	<0.001	0.09	18.6	5.1		
F060068	BH-22-01	117	117.84	0.84	<0.001	0.09	27.7	5.3		
F060069	BH-22-01	120	121	1	<0.001	0.04	16.9	5.3		
F060071	BH-22-01	123	124	1	<0.001	0.02	5.1	6		
F060072	BH-22-01	126	126.78	0.78	<0.001	0.04	18.8	8.4		
F060073	BH-22-01	126.78	127.8	1.02	<0.001	0.08	31.6	414		
F060074	BH-22-01	127.8	128.79	0.99	<0.001	0.07	28	399		
F060075	BH-22-01	128.79	129.9	1.11	<0.001	0.04	11.4	9.4		
F060076	BH-22-01	132.28	132.75	0.47	<0.001	0.07	8.3	3		
F060077	BH-22-01	138	139	1	<0.001	0.03	8.5	10		
F060078	BH-22-01	141	142	1	<0.001	0.1	35	14.3		
F060079	BH-22-01	144	145	1	<0.001	0.05	10	6.2		
F060081	BH-22-01	147.28	148.53	1.25	0.005	0.05	8	6		
F060082	BH-22-01	148.53	149.55	1.02	<0.001	0.05	5.9	6.3		
F060083	BH-22-01	149.55	150.6	1.05	<0.001	0.03	11	7.1		
F060084	BH-22-01	150.6	151.18	0.58	0.003	0.08	62.7	61.2		
F060085	BH-22-01	151.18	152	0.82	0.001	0.04	11.9	7.6		
F060086	BH-22-01	155	155.6	0.6	0.002	0.06	15.4	8.1		
F060087	BH-22-01	155.6	156.13	0.53	0.001	0.05	69.7	55.4		
F060088	BH-22-01	156.13	157	0.87	<0.001	0.03	8	4.9		
F060089	BH-22-01	159	160	1	0.006	0.1	6.2	10.4		
F060091	BH-22-01	162	163	1	<0.001	0.03	4.7	11.2		
F060092	BH-22-01	165	166	1	<0.001	0.08	14.4	13.9		
F060093	BH-22-01	168	169	1	<0.001	0.08	14.4	16.8		
F060094	BH-22-01	171.15	171.55	0.4	<0.001	0.08	12.2	2.1		
F060095	BH-22-01	171.55	172.8	1.25	<0.001	0.13	10.4	15.2		
F060096	BH-22-01	172.8	173	0.2	<0.001	0.19	3.4	1		
F060097	BH-22-01	173	174	1	<0.001	0.2	12.4	15		
F060098	BH-22-01	177	178	1	<0.001	0.05	9.9	15		
F060099	BH-22-01	180	181	1	<0.001	0.13	12.6	12.5		
F060101	BH-22-01	183	184	1	<0.001	0.18	11.4	11.6		
F060199	BH-22-02	26	27	1	<0.001	0.15	10.4	11.7		
F060201	BH-22-02	27	28	1	0.001	0.34	42.7	55.9		
F060202	BH-22-02	28	29	1	<0.001	0.48	67.6	70.8		
F060203	BH-22-02	29	30	1	0.001	0.21	40	60.1		
F060204	BH-22-02	30	31	1	<0.001	0.28	28.6	115		
F060205	BH-22-02	31	32	1	0.001	0.28	45.5	85.9		
F060206	BH-22-02	32	33	1	<0.001	0.33	69.5	107		
F060207	BH-22-02	33	34	1	<0.001	0.24	68.8	120.5		
F060208	BH-22-02	34	35	1	<0.001	0.22	47.7	99.6		
F060209	BH-22-02	35	36	1	0.002	0.44	75.8	125		
F060211	BH-22-02	36	37	1	<0.001	0.31	58.5	115.5		
F060212	BH-22-02	37	38	1	<0.001	0.29	52.8	110		
F060213	BH-22-02	38	39	1	<0.001	0.42	43.9	57.8		
F060214	BH-22-02	39	40	1	<0.001	0.25	37.1	33.2		
F060215	BH-22-02	40	41	1	<0.001	0.31	46.4	74.5		
F060216	BH-22-02	41	42	1	<0.001	0.17	36.5	40.7		
F060217	BH-22-02	42	43	1	<0.001	0.13	17.8	27.9		
F060218	BH-22-02	43	44	1	0.002	0.46	45.6	58.2		
F060219	BH-22-02	44	45	1	0.008	0.79	97	58.8		
F060221	BH-22-02	45	46	1	0.001	0.68	127	144.5		
F060222	BH-22-02	46	47	1	<0.001	0.59	140.5	201		
F060223	BH-22-02	47	48	1	<0.001	0.56	134.5	199		
F060224	BH-22-02	48	49	1	0.009	0.85	139.5	173		

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060225	BH-22-02	49	50	1	<0.001	0.58	122.5	171		
F060226	BH-22-02	50	50.89	0.89	0.001	0.41	102	169		
F060227	BH-22-02	50.89	51.78	0.89	0.016	0.78	116	162.5		
F060228	BH-22-02	51.78	53	1.22	0.003	0.53	116.5	176		
F060229	BH-22-02	53	54	1	0.036	0.75	128	242		
F060231	BH-22-02	54	55	1	0.004	0.56	148.5	196		
F060232	BH-22-02	55	56	1	0.003	0.72	155	177		
F060233	BH-22-02	56	56.75	0.75	0.004	0.64	156	196.5		
F060234	BH-22-02	56.75	57.5	0.75	0.003	0.52	113.5	156		
F060235	BH-22-02	57.5	58.5	1	0.002	0.37	128	162		
F060236	BH-22-02	58.5	59.5	1	0.002	0.21	138	169		
F060237	BH-22-02	59.5	60.53	1.03	0.003	0.14	115	184.5		
F060238	BH-22-02	60.53	61.58	1.05	0.003	0.28	112.5	158.5		
F060239	BH-22-02	61.58	62.58	1	0.004	0.29	108.5	187.5		
F060241	BH-22-02	62.58	63.83	1.25	0.007	0.31	68	95.1		
F060242	BH-22-02	63.83	64.75	0.92	<0.001	0.12	12.9	40.3		
F060243	BH-22-02	64.75	65.61	0.86	0.006	0.31	54.8	43.4		
F060244	BH-22-02	65.61	66	0.39	<0.001	0.01	1.1	44.5		
F060245	BH-22-02	66	67	1	0.015	0.39	54.7	20.7		
F060246	BH-22-02	67	67.37	0.37	0.069	0.74	71	44.9		
F060247	BH-22-02	67.37	68.37	1	0.007	0.49	133.5	161		
F060248	BH-22-02	68.37	69.37	1	0.003	0.37	106.5	142		
F060249	BH-22-02	69.37	70.37	1	0.009	0.3	78.9	154		
F060251	BH-22-02	70.37	71.37	1	0.005	0.2	93.9	155.5		
F060252	BH-22-02	71.37	72.37	1	0.027	0.16	84.1	110.5		
F060253	BH-22-02	72.37	73.54	1.17	0.26	0.54	255	136		
F060254	BH-22-02	73.54	74.6	1.06	0.321	0.05	34.5	144.5		
F060255	BH-22-02	74.6	75.6	1	1.17	1.25	2310	151.5		
F060256	BH-22-02	75.6	76.6	1	0.225	0.07	140.5	139.5		
F060257	BH-22-02	76.6	77.6	1	0.612	0.11	141.5	96.1		
F060258	BH-22-02	77.6	78.6	1	0.009	0.06	121.5	121.5		
F060259	BH-22-02	78.6	79.6	1	0.024	0.04	74.7	153		
F060261	BH-22-02	79.6	80.6	1	0.08	0.05	59.7	158.5		
F060262	BH-22-02	80.6	81.6	1	0.029	0.02	41.5	155.5		
F060263	BH-22-02	81.6	82.6	1	0.154	0.02	23.1	154		
F060265	BH-22-02	82.6	84.2	1.6	0.018	0.01	33.3	156.5		
F060266	BH-22-02	84.2	86.85	2.65	0.004	0.05	70.6	104		
F060267	BH-22-02	86.85	87	0.15	0.014	0.04	56	151.5		
F060268	BH-22-02	87	88	1	0.082	0.05	66.7	162		
F060269	BH-22-02	88	89	1	0.062	0.02	30.3	157.5		
F060271	BH-22-02	89	90	1	0.078	0.01	9.5	149		
F060272	BH-22-02	90	91	1	0.612	0.06	69.5	153		
F060273	BH-22-02	91	92	1	0.09	0.04	63.6	158		
F060274	BH-22-02	92	93	1	0.075	0.04	73.9	154.5		
F060275	BH-22-02	93	94	1	0.051	0.04	88.3	157		
F060276	BH-22-02	94	95	1	0.02	0.05	75.5	179		
F060277	BH-22-02	95	96	1	0.023	0.05	99.3	158.5		
F060278	BH-22-02	96	97	1	0.022	0.05	88.5	154		
F060279	BH-22-02	97	98	1	0.013	0.06	119	151.5		
F060281	BH-22-02	98	99	1	0.014	0.05	99.9	151.5		
F060282	BH-22-02	99	100	1	0.007	0.07	131	137		
F060283	BH-22-02	100	101	1	0.026	0.04	83.5	156		
F060284	BH-22-02	101	102	1	0.017	0.04	80.1	153		
F060285	BH-22-02	102	103	1	0.016	0.04	74.3	173.5		
F060286	BH-22-02	103	104	1	0.034	0.05	91.5	167.5		
F060287	BH-22-02	104	105	1	0.292	0.06	62.6	161		
F060288	BH-22-02	105	106	1	0.018	0.05	85.6	170		

Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060289	BH-22-02	106	107	1	0.049	0.04	72.6	168		
F060291	BH-22-02	107	108	1	0.041	0.04	69.6	161.5		
F060292	BH-22-02	108	109	1	0.01	0.04	76.1	165.5		
F060293	BH-22-02	109	110	1	0.014	0.24	183.5	77.6		
F060294	BH-22-02	110	111	1	0.011	0.09	83.2	171.5		
F060295	BH-22-02	111	112	1	0.022	0.07	104.5	173.5		
F060296	BH-22-02	112	112.9	0.9	0.015	0.07	99.2	174.5		
F060297	BH-22-02	112.9	114.05	1.15	0.005	0.04	51.2	15		
F060298	BH-22-02	114.05	115	0.95	0.02	0.06	51.2	167		
F060299	BH-22-02	115	116	1	0.132	0.11	140	146.5		
F060301	BH-22-02	116	117	1	0.14	0.04	11.4	153		
F060302	BH-22-02	117	118.2	1.2	0.737	0.3	514	168.5		
F060303	BH-22-02	118.2	118.95	0.75	0.029	0.25	506	34.5		
F060304	BH-22-02	118.95	120	1.05	0.014	0.1	194	152.5		
F060305	BH-22-02	120	121	1	0.01	0.07	157.5	156		
F060306	BH-22-02	121	122.1	1.1	0.009	0.06	93.7	162.5		
F060307	BH-22-02	122.1	122.7	0.6	0.037	0.11	231	44.6		
F060308	BH-22-02	122.7	123.7	1	0.017	0.13	198	160		
F060309	BH-22-02	123.7	124.5	0.8	0.022	0.18	269	114.5		
F060311	BH-22-02	124.5	125	0.5	0.007	0.02	56.4	21.6		
F060312	BH-22-02	125	126.05	1.05	0.089	0.12	152.5	161		
F060313	BH-22-02	126.05	127.45	1.4	0.001	0.05	58.3	18.6		
F060314	BH-22-02	127.45	128.3	0.85	0.02	0.13	178.5	127.5		
F060315	BH-22-02	128.3	128.6	0.3	0.001	0.03	48.5	24.8		
F060316	BH-22-02	128.6	129.6	1	0.006	0.07	111.5	139.5		
F060317	BH-22-02	129.6	131	1.4	0.086	0.07	126.5	141.5		
F060318	BH-22-02	131	132	1	0.008	0.05	98.4	133.5		
F060319	BH-22-02	132	133	1	0.008	0.04	79.8	136		
F060321	BH-22-02	133	134	1	0.015	0.07	128.5	140.5		
F060322	BH-22-02	134	135.3	1.3	0.008	0.14	356	134.5		
F060323	BH-22-02	135.3	135.8	0.5	0.007	0.05	102	121		
F060324	BH-22-02	135.8	137	1.2	0.006	0.07	83.1	143		
F060325	BH-22-02	137	138	1	0.019	0.06	111.5	138		
F060326	BH-22-02	138	139	1	0.036	0.06	120.5	137.5		
F060327	BH-22-02	139	140	1	0.009	0.06	114	131.5		
F060328	BH-22-02	140	141	1	0.011	0.04	78.8	133		
F060329	BH-22-02	141	142	1	0.042	0.07	153	125		
F062001	BH-22-02	142	143	1	0.006	0.08	140.5	137		
F060332	BH-22-02	143	144	1	0.023	0.06	115	135.5		
F060333	BH-22-02	144	145	1	0.02	0.07	97.2	132.5		
F060334	BH-22-02	145	146	1	0.109	0.05	88	132.5		
F060335	BH-22-02	146	147	1	0.045	0.06	104	133		
F060336	BH-22-02	147	148	1	0.015	0.05	89.8	129.5		
F060337	BH-22-02	148	149	1	0.077	0.05	64.7	117.5		
F060338	BH-22-02	149	150.1	1.1	0.02	0.07	109.5	122.5		
F060339	BH-22-02	150.1	150.6	0.5	0.689	0.03	34.7	74.1		
F060341	BH-22-02	150.6	152.1	1.5	0.012	0.07	82.4	116.5		
F060342	BH-22-02	152.1	153.75	1.65	0.03	0.1	147	125		
F060343	BH-22-02	153.75	154.25	0.5	>10.0	1.52	256	78	41.1	
F060345	BH-22-02	154.25	154.7	0.45	0.176	0.05	64.2	116		
F060346	BH-22-02	154.7	156	1.3	0.011	0.06	76.8	107		
F060347	BH-22-02	156	157	1	0.023	0.09	125	134.5		
F060348	BH-22-02	157	158	1	0.007	0.05	66.8	130		
F060349	BH-22-02	158	159.1	1.1	0.019	0.19	79.8	108		
F060351	BH-22-02	159.1	160.1	1	0.019	0.17	111	67.3		
F060352	BH-22-02	160.1	161	0.9	0.013	0.19	135.5	78.4		
F060353	BH-22-02	161	161.9	0.9	0.013	0.09	57.1	40.6		

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060354	BH-22-02	161.9	163	1.1	0.014	0.1	36.2	23.2		
F060355	BH-22-02	163	164	1	0.001	0.12	15	8.6		
F060356	BH-22-02	164	165	1	0.001	0.09	29.6	41.6		
F060357	BH-22-02	165	166	1	<0.001	0.12	15.8	4.2		
F060358	BH-22-02	166	167	1	0.09	0.5	9.7	3.6		
F060359	BH-22-02	167	170	3	<0.001	0.11	9.2	4		
F060102	BH-22-03	15.15	16	0.85	0.017	0.13	56.4	142.5		
F060103	BH-22-03	16	17	1	0.025	0.05	65.9	168		
F060104	BH-22-03	17	18	1	0.012	0.05	85.6	159.5		
F060105	BH-22-03	18	19	1	0.056	0.03	43.4	144.5		
F060106	BH-22-03	19	20	1	0.019	0.04	53.6	163		
F060107	BH-22-03	20	21	1	0.053	0.04	68	164.5		
F060108	BH-22-03	21	22	1	0.155	0.05	49.4	172.5		
F060109	BH-22-03	22	23	1	0.968	0.1	74.9	173.5		
F060111	BH-22-03	23	24	1	0.066	0.09	110.5	175		
F060112	BH-22-03	24	25	1	0.201	0.07	117	179		
F060113	BH-22-03	25	26	1	0.012	0.08	131.5	178		
F060114	BH-22-03	26	27	1	0.134	0.06	118.5	152		
F060115	BH-22-03	27	28	1	0.121	0.1	179	182		
F060116	BH-22-03	28	29	1	0.041	0.02	69.5	179.5		
F060117	BH-22-03	29	30	1	0.079	0.03	43.6	180		
F060118	BH-22-03	30	31	1	0.038	0.09	183	175.5		
F060119	BH-22-03	31	32	1	0.026	0.05	84.7	145.5		
F060121	BH-22-03	32	33.1	1.1	0.029	0.02	30.1	127.5		
F060122	BH-22-03	33.1	34	0.9	0.02	0.05	82.3	134		
F060123	BH-22-03	34	35	1	0.021	0.04	98.1	141		
F060124	BH-22-03	35	36	1	0.01	0.08	132	144.5		
F060125	BH-22-03	36	37	1	0.027	0.04	84.2	143.5		
F060126	BH-22-03	37	38	1	0.03	0.02	38.1	168.5		
F060127	BH-22-03	38	39.12	1.12	0.047	<0.01	11.5	166		
F060128	BH-22-03	39.12	39.85	0.73	0.011	0.02	46.3	112		
F060129	BH-22-03	39.85	41	1.15	0.013	0.04	42.8	185		
F060131	BH-22-03	41	42	1	0.016	0.03	56.7	156.5		
F060132	BH-22-03	42	43.36	1.36	0.023	0.07	168.5	115.5		
F060133	BH-22-03	43.36	43.83	0.47	3.23	5.07	>10000	168	1.185	
F060134	BH-22-03	43.83	44.58	0.75	0.02	0.13	374	164		
F060135	BH-22-03	44.58	45.33	0.75	0.012	0.05	124	163		
F060136	BH-22-03	45.33	46	0.67	0.034	0.06	157	152.5		
F060137	BH-22-03	46	47.25	1.25	0.062	0.07	193.5	151		
F060138	BH-22-03	47.25	47.85	0.6	0.109	0.25	652	163		
F060139	BH-22-03	47.85	49	1.15	0.97	0.26	658	153.5		
F060141	BH-22-03	49	50.12	1.12	0.04	0.24	765	157.5		
F060142	BH-22-03	50.12	51	0.88	0.333	0.13	401	152		
F060143	BH-22-03	51	52	1	0.019	0.09	270	161		
F060144	BH-22-03	52	53	1	0.035	0.08	236	153		
F060145	BH-22-03	53	54	1	0.028	0.08	243	152		
F060146	BH-22-03	54	55	1	0.022	0.06	161	155		
F060147	BH-22-03	55	57	2	0.031	0.09	282	145		
F060148	BH-22-03	57	58	1	0.019	0.06	89.1	126		
F060149	BH-22-03	58	59	1	0.011	0.07	118	132.5		
F060151	BH-22-03	59	60	1	0.02	0.05	73.5	133.5		
F060152	BH-22-03	60	61	1	0.034	0.21	339	133		
F060153	BH-22-03	61	62.16	1.16	0.03	0.08	128	138.5		
F060154	BH-22-03	62.16	63	0.84	0.007	0.06	118.5	137		
F060155	BH-22-03	63	64	1	0.007	0.04	91.8	141.5		
F060156	BH-22-03	64	65	1	0.007	0.05	97.9	140.5		
F060157	BH-22-03	65	65.92	0.92	0.012	0.03	54.2	131		

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060158	BH-22-03	65.92	67	1.08	0.012	0.05	114.5	135		
F060159	BH-22-03	67	68	1	0.016	0.06	138	143		
F060161	BH-22-03	68	69	1	0.03	0.06	138	137.5		
F060162	BH-22-03	69	70	1	0.042	0.04	80.8	131.5		
F060163	BH-22-03	70	71	1	0.009	0.07	120.5	139		
F060164	BH-22-03	71	72	1	0.024	0.05	81.8	134		
F060165	BH-22-03	72	73	1	0.012	0.03	71.2	140.5		
F060166	BH-22-03	73	74	1	0.135	0.05	93.8	136.5		
F060167	BH-22-03	74	75	1	0.017	0.03	74.3	136		
F060168	BH-22-03	75	75.7	0.7	0.011	0.05	117.5	63		
F060169	BH-22-03	75.7	76.7	1	0.007	0.03	76.1	138.5		
F060171	BH-22-03	76.7	77.7	1	0.016	0.08	74.6	138.5		
F060172	BH-22-03	77.7	78.7	1	0.056	0.05	87.1	139		
F060173	BH-22-03	78.7	79.7	1	0.007	0.05	87.7	145		
F060174	BH-22-03	79.7	80.7	1	0.007	0.05	86.3	142		
F060175	BH-22-03	80.7	81.7	1	0.025	0.03	59.9	144.5		
F060176	BH-22-03	81.7	82.7	1	0.011	0.04	70.3	145.5		
F060177	BH-22-03	82.7	83.7	1	0.05	0.06	119.5	138		
F060178	BH-22-03	83.7	84.7	1	0.018	0.06	98	131		
F060179	BH-22-03	84.7	85.7	1	0.041	0.07	122	138		
F060181	BH-22-03	85.7	87.07	1.37	0.009	0.05	80.6	139.5		
F060182	BH-22-03	87.07	88.1	1.03	0.009	0.05	75.2	113.5		
F060183	BH-22-03	88.1	89.1	1	0.032	0.04	89.4	131.5		
F060184	BH-22-03	89.1	90.1	1	0.065	0.1	174	142		
F060185	BH-22-03	90.1	91.1	1	0.018	0.06	87.7	131		
F060186	BH-22-03	91.1	92.1	1	0.017	0.06	114.5	125.5		
F060187	BH-22-03	92.1	93.1	1	0.025	0.06	113	133		
F060188	BH-22-03	93.1	94.1	1	0.01	0.03	51.2	118.5		
F062401	BH-22-03	94.1	96.1	2	0.067	0.06	101.5	126.5		
F060189	BH-22-03	96.1	97.1	1	0.015	0.1	98.5	128		
F062402	BH-22-03	97.1	99.1	2	0.155	0.06	107.5	140.5		
F060191	BH-22-03	99.1	100.1	1	0.014	0.05	93.3	131		
F062403	BH-22-03	100.1	102.1	2	0.026	0.08	102	129.5		
F060192	BH-22-03	102.1	103.1	1	0.026	0.07	141	117.5		
F062404	BH-22-03	103.1	105.1	2	0.488	0.11	120.5	130.5		
F060193	BH-22-03	105.1	106.2	1.1	0.014	0.07	110.5	129.5		
F062405	BH-22-03	106.2	108	1.8	0.024	0.21	326	142.5		
F060194	BH-22-03	108	109	1	0.014	0.09	73.7	113.5		
F062406	BH-22-03	109	111	2	0.007	0.12	59	40.9		
F060195	BH-22-03	111	111.8	0.8	0.004	0.07	12.4	8.2		
F060196	BH-22-03	111.8	112.8	1	0.021	0.12	64.4	43.3		
F060197	BH-22-03	112.8	113.8	1	0.002	0.07	16.7	7.8		
F060198	BH-22-03	113.8	114.8	1	0.003	0.1	13.5	12.7		
F061001	BH-22-04	40	43	3	<0.001	0.56	50.5	117.5		
F061002	BH-22-04	43	46	3	<0.001	1.52	34.5	68.3		
F061003	BH-22-04	47	50	3	<0.001	1.56	40.8	88.1		
F061004	BH-22-04	50	53	3	<0.001	0.46	47.6	59.1		
F061005	BH-22-04	53	54	1	<0.001	0.16	44.3	58.4		
F061006	BH-22-04	56	59	3	<0.001	0.44	45.8	71.2		
F061007	BH-22-04	59	62	3	<0.001	0.38	32.5	55.8		
F061008	BH-22-04	62	65	3	0.002	0.57	55.1	93.2		
F061009	BH-22-04	65	68	3	<0.001	0.41	74.7	91.7		
F061011	BH-22-04	68	69	1	0.004	1.08	55.6	123		
F061012	BH-22-04	69	70	1	0.003	0.34	57	91.1		
F061013	BH-22-04	70	71	1	<0.001	0.24	44.8	90.9		
F061014	BH-22-04	71	72	1	<0.001	0.36	54	90.3		
F061015	BH-22-04	72	73	1	0.001	0.48	53.7	91		

Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F061016	BH-22-04	73	74	1	0.001	0.41	48.3	80		
F061017	BH-22-04	74	75	1	<0.001	0.18	27.2	31		
F061018	BH-22-04	75	76	1	<0.001	0.22	31.7	29.2		
F061019	BH-22-04	76	77	1	<0.001	0.3	42.5	27.4		
F061021	BH-22-04	77	78	1	0.005	0.35	71.5	52.6		
F061022	BH-22-04	78	79	1	0.002	0.85	164	175.5		
F061023	BH-22-04	79	80	1	0.001	0.63	141	170.5		
F061024	BH-22-04	80	80.7	0.7	<0.001	1.19	107	112		
F061025	BH-22-04	80.7	81.25	0.55	0.027	2.97	228	190		
F061026	BH-22-04	81.25	82.18	0.93	0.01	2.35	141.5	182		
F061027	BH-22-04	82.18	83.2	1.02	0.003	0.93	153	151.5		
F061028	BH-22-04	83.2	84.25	1.05	0.013	0.92	132	150.5		
F061029	BH-22-04	84.25	84.84	0.59	0.011	1.16	95.6	150		
F061031	BH-22-04	84.84	85.35	0.51	0.014	0.79	65.7	67.5		
F061032	BH-22-04	85.35	86.85	1.5	0.005	0.52	110.5	190		
F061033	BH-22-04	86.85	88.35	1.5	0.002	0.17	14.8	36.4		
F061034	BH-22-04	88.35	89	0.65	0.021	0.42	64.1	26.6		
F061035	BH-22-04	89	90	1	0.012	0.63	83.2	96.7		
F061036	BH-22-04	90	91	1	0.011	1.44	138.5	157.5		
F061037	BH-22-04	91	92	1	0.015	0.95	94.7	151		
F061038	BH-22-04	92	93	1	0.004	0.83	120.5	129		
F061039	BH-22-04	93	94	1	0.014	0.49	114	159		
F061041	BH-22-04	94	95	1	0.01	0.35	104	139		
F061042	BH-22-04	95	96	1	0.057	0.62	314	112		
F061043	BH-22-04	96	97	1	0.166	0.41	325	136.5		
F061044	BH-22-04	97	98	1	0.114	0.27	510	149.5		
F061045	BH-22-04	98	99	1	0.007	0.04	90.4	89.1		
F061046	BH-22-04	99	100	1	0.005	0.04	62.7	69.6		
F061047	BH-22-04	100	101	1	0.077	0.05	81.8	57.1		
F061048	BH-22-04	101	102	1	0.005	0.09	158.5	100		
F061049	BH-22-04	102	103	1	0.005	0.08	160	100.5		
F061051	BH-22-04	103	104.15	1.15	0.012	0.2	169.5	96.7		
F062002	BH-22-04	104.15	104.68	0.53	0.001	0.03	64.1	82.4		
F062003	BH-22-04	104.68	106	1.32	0.02	0.08	150.5	136.5		
F062004	BH-22-04	106	108	2	0.012	0.06	87.5	141.5		
F062005	BH-22-04	108	110	2	0.067	0.06	90.3	141.5		
F062006	BH-22-04	110	112	2	0.04	0.06	91.4	144		
F062007	BH-22-04	112	114	2	0.023	0.03	55.7	139		
F062008	BH-22-04	114	116	2	0.02	0.03	59.9	150.5		
F062009	BH-22-04	116	118	2	0.016	0.02	31.8	144		
F062011	BH-22-04	118	119	1	0.031	0.04	24.7	157		
F062012	BH-22-04	119	120	1	0.02	0.01	27.5	150.5		
F062013	BH-22-04	120	122	2	0.01	0.04	78.1	113		
F062014	BH-22-04	122	124	2	0.034	0.11	277	125.5		
F062015	BH-22-04	124	125	1	0.092	0.04	102	150.5		
F062016	BH-22-04	125	126	1	0.895	0.81	2430	145.5		
F062017	BH-22-04	126	127	1	0.239	0.16	430	140.5		
F062018	BH-22-04	127	128	1	0.024	0.02	21.5	154.5		
F062019	BH-22-04	128	129	1	0.093	0.02	47.3	144.5		
F062021	BH-22-04	129	130	1	0.215	0.15	269	155		
F062022	BH-22-04	130	131	1	0.251	0.2	396	151		
F062023	BH-22-04	131	132	1	0.095	0.03	49.6	144		
F062024	BH-22-04	132	133	1	0.021	0.05	83.4	147.5		
F062025	BH-22-04	133	134	1	0.013	0.02	47.8	155		
F062026	BH-22-04	134	135	1	0.041	0.04	72.8	136		
F062027	BH-22-04	135	136	1	0.044	0.07	158.5	130.5		
F062028	BH-22-04	136	137	1	0.073	0.38	734	135		



Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F062029	BH-22-04	137	138	1	0.02	0.04	80	138.5		
F062031	BH-22-04	138	139	1	0.024	0.04	68.4	141		
F062032	BH-22-04	139	140	1	0.061	0.05	80.3	138		
F062033	BH-22-04	140	141	1	0.01	0.08	139.5	152		
F062034	BH-22-04	141	142	1	0.228	0.05	83.6	144		
F062035	BH-22-04	142	143	1	0.006	0.04	54.7	140		
F062036	BH-22-04	143	144	1	0.018	0.08	123.5	131.5		
F061052	BH-22-04	144	145.1	1.1	0.003	0.05	74.6	135		
F061053	BH-22-04	145.1	146	0.9	0.122	0.86	1545	148		
F061054	BH-22-04	146	147.24	1.24	0.018	0.06	99.3	146		
F061055	BH-22-04	147.24	148.37	1.13	0.033	0.22	355	138.5		
F061056	BH-22-04	148.37	149.4	1.03	0.065	0.05	70.8	130.5		
F062037	BH-22-04	149.4	150	0.6	0.009	0.08	100.5	142.5		
F062038	BH-22-04	150	151	1	0.054	0.25	311	134		
F062039	BH-22-04	151	152	1	0.135	0.21	274	136.5		
F062041	BH-22-04	152	153	1	0.017	0.18	129	155		
F062042	BH-22-04	153	155	2	0.045	0.13	149.5	144		
F062043	BH-22-04	155	156	1	0.811	0.15	163.5	136		
F062044	BH-22-04	156	156.95	0.95	0.02	0.08	141	141		
F062045	BH-22-04	156.95	157.56	0.61	0.008	0.07	114	64.8		
F062046	BH-22-04	157.56	159	1.44	0.034	0.07	106	138.5		
F062047	BH-22-04	159	160	1	0.014	0.05	96	129.5		
F062048	BH-22-04	160	161	1	0.006	0.05	112.5	133.5		
F062049	BH-22-04	161	162	1	0.03	0.04	65.5	131		
F062051	BH-22-04	162	163	1	0.088	0.09	87.9	133.5		
F062052	BH-22-04	163	164	1	0.038	0.05	84	122		
F062053	BH-22-04	164	165	1	0.233	0.11	122.5	130		
F061057	BH-22-04	165	166.13	1.13	0.009	0.03	64.5	131		
F061058	BH-22-04	166.13	166.86	0.73	0.025	0.27	379	108		
F061059	BH-22-04	166.86	167.95	1.09	0.016	0.08	145	164		
F062054	BH-22-04	168	169	1	0.009	0.08	113.5	123.5		
F062055	BH-22-04	169	170	1	0.008	0.05	67.6	133		
F062056	BH-22-04	170	171	1	0.014	0.05	59.7	134		
F062057	BH-22-04	171	172	1	0.012	0.07	96.2	132		
F062058	BH-22-04	172	172.64	0.64	0.016	0.05	55.1	125.5		
F062059	BH-22-04	172.64	174	1.36	0.007	0.05	47.1	53.1		
F062060	BH-22-04	174	176	2	0.003	0.05	29.9	31.8		
F062061	BH-22-04	176	178.75	2.75	0.002	0.04	15.3	10.8		
F062062	BH-22-04	178.75	180	1.25	0.003	0.08	51	48		
F062063	BH-22-04	180	182	2	0.007	0.1	57.1	25		
F062064	BH-22-04	182	183	1	0.015	0.11	67.2	22.8		
F062065	BH-22-04	183	184	1	0.01	0.11	59.1	49.4		
F062066	BH-22-04	184	185	1	0.005	0.06	27.7	18.8		
F062067	BH-22-04	185	186	1	0.005	0.12	10.8	5.6		
F062068	BH-22-04	186	188	2	0.001	0.06	17.3	15.8		
F062069	BH-22-04	188	189.62	1.62	<0.001	0.05	8.7	5.5		
F061061	BH-22-04	224	224.8	0.8	0.017	0.06	14.3	5.2		
F061062	BH-22-04	224.8	225.83	1.03	0.001	0.11	11.8	3.3		
F061063	BH-22-04	225.83	228	2.17	<0.001	0.03	5.1	13.8		
F061064	BH-22-04	228	229	1	<0.001	0.04	5.5	5.9		
F060361	BH-22-05	26.2	29	2.8	<0.001	0.37	29.4	26.9		
F060362	BH-22-05	29	32	3	<0.001	0.98	19.6	23.6		
F060363	BH-22-05	32	35	3	<0.001	0.38	18.4	26.4		
F060364	BH-22-05	35	38	3	0.002	0.35	42.7	65.1		
F060365	BH-22-05	38	41	3	<0.001	0.3	42.2	103.5		
F060366	BH-22-05	41	44	3	<0.001	0.78	68.2	87.1		
F060367	BH-22-05	44	45	1	<0.001	0.32	43.5	113.5		

Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060368	BH-22-05	45	47	2	<0.001	0.2	32.8	115.5		
F060369	BH-22-05	47	50	3	<0.001	0.18	37.5	74.3		
F060371	BH-22-05	50	53	3	0.012	0.82	164.5	84.3		
F060372	BH-22-05	53	54.2	1.2	<0.001	0.64	81.6	94.4		
F060373	BH-22-05	54.2	55	0.8	0.011	0.75	96	140		
F060374	BH-22-05	55	56	1	0.001	0.21	23.3	45.5		
F060375	BH-22-05	56	59	3	<0.001	0.29	26.2	31		
F060376	BH-22-05	59	62	3	0.007	0.59	41.3	71.2		
F060377	BH-22-05	62	63.4	1.4	0.002	0.32	35.8	63.2		
F060378	BH-22-05	63.4	63.9	0.5	0.256	32.6	326	60		
F060379	BH-22-05	63.9	65	1.1	0.009	0.35	148.5	62.6		
F060381	BH-22-05	65	68	3	0.001	0.15	54.9	59.7		
F060382	BH-22-05	68	71	3	<0.001	0.18	27.7	55.3		
F060383	BH-22-05	71	72	1	<0.001	0.52	25.1	62.6		
F060384	BH-22-05	72	73	1	<0.001	0.82	39.1	56.3		
F060385	BH-22-05	73	74	1	<0.001	0.25	33.8	62.5		
F060386	BH-22-05	74	75	1	<0.001	0.35	32.3	62.2		
F060387	BH-22-05	75	76	1	0.075	1.16	44.5	46.3		
F060388	BH-22-05	76	77	1	0.004	0.5	35.8	70.2		
F060389	BH-22-05	77	78	1	<0.001	0.21	32.2	38.1		
F060391	BH-22-05	78	80	2	<0.001	0.25	27.7	67.7		
F060392	BH-22-05	80	83	3	<0.001	0.27	34.9	98.8		
F060393	BH-22-05	83	86	3	<0.001	0.21	46.1	61.2		
F060394	BH-22-05	86	89	3	<0.001	0.11	46.2	64.3		
F060395	BH-22-05	89	92	3	<0.001	0.11	53.9	56.8		
F060396	BH-22-05	92	95	3	<0.001	0.14	51.5	77.1		
F060397	BH-22-05	95	97	2	<0.001	0.13	36.4	55.7		
F060398	BH-22-05	97	99	2	<0.001	0.07	30.9	56.5		
F060399	BH-22-05	99	101	2	<0.001	0.06	31	47.8		
F060401	BH-22-05	101	103	2	<0.001	0.09	27.1	44.5		
F060402	BH-22-05	103	105	2	<0.001	0.12	31.7	52.9		
F060403	BH-22-05	105	107	2	<0.001	0.17	29.2	50.9		
F060404	BH-22-05	107	108.7	1.7	<0.001	0.18	36.2	54.7		
F060405	BH-22-05	108.7	109.5	0.8	<0.001	0.22	72.2	72.4		
F060406	BH-22-05	109.5	111	1.5	<0.001	0.22	52.2	56.3		
F060407	BH-22-05	111	112	1	<0.001	0.13	36.9	67.5		
F060408	BH-22-05	112	113	1	0.001	0.14	36.9	57.3		
F060409	BH-22-05	113	114	1	<0.001	0.11	37.7	39		
F060411	BH-22-05	114	115	1	0.002	0.17	41.7	34.4		
F060412	BH-22-05	115	116	1	<0.001	0.17	47.8	46.1		
F060413	BH-22-05	116	117	1	<0.001	0.22	34.6	43.5		
F060414	BH-22-05	117	118	1	<0.001	0.14	34	35.9		
F060415	BH-22-05	118	120	2	<0.001	0.11	36.7	53.1		
F060416	BH-22-05	120	122	2	<0.001	0.07	25.2	54.2		
F060417	BH-22-05	122	124	2	0.006	0.13	42	58.5		
F060418	BH-22-05	124	126	2	<0.001	0.12	39.4	67.2		
F060419	BH-22-05	126	128	2	<0.001	0.07	24.3	56.9		
F060421	BH-22-05	128	129	1	0.003	0.3	55.2	63.4		
F060422	BH-22-05	129	130.5	1.5	<0.001	0.07	23.8	61.5		
F060423	BH-22-05	130.5	131.5	1	0.001	0.37	113.5	114.5		
F060424	BH-22-05	131.5	133.7	2.2	0.002	0.31	89.3	121.5		
F060425	BH-22-05	133.7	135	1.3	<0.001	0.12	43.5	94.7		
F060426	BH-22-05	135	137	2	<0.001	0.13	46.4	81.7		
F060427	BH-22-05	137	138	1	0.005	0.15	45.2	87.1		
F060428	BH-22-05	138	139	1	<0.001	0.16	40.9	72.7		
F060429	BH-22-05	139	139.63	0.63	<0.001	0.08	16.9	50.2		
F060431	BH-22-05	139.63	140.3	0.67	0.007	0.24	50.2	64.4		

Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060432	BH-22-05	140.3	142	1.7	<0.001	0.11	32.8	73.2		
F060433	BH-22-05	142	144	2	<0.001	0.12	35	80.8		
F060434	BH-22-05	144	146	2	<0.001	0.19	63.8	66		
F060435	BH-22-05	146	148	2	<0.001	0.16	46.7	62.4		
F060436	BH-22-05	148	150	2	<0.001	0.16	33.3	78.2		
F060437	BH-22-05	150	152	2	<0.001	0.21	39.5	67		
F060438	BH-22-05	152	153	1	<0.001	0.26	50	68		
F060439	BH-22-05	153	154	1	<0.001	0.16	44.5	49.1		
F060441	BH-22-05	154	155	1	0.005	0.18	35.2	51.5		
F060442	BH-22-05	155	157	2	0.001	0.16	34	36.5		
F060443	BH-22-05	157	158	1	0.003	0.09	19.6	31		
F060444	BH-22-05	158	159	1	<0.001	0.18	60.1	28		
F060445	BH-22-05	159	160	1	<0.001	0.12	20.5	19		
F060446	BH-22-05	160	161	1	<0.001	0.07	16.8	31.3		
F060447	BH-22-05	161	162	1	<0.001	0.05	10.4	27.4		
F060448	BH-22-05	162	163	1	<0.001	0.06	9.3	28.9		
F060449	BH-22-05	163	164	1	0.003	0.37	84.7	31.2		
F060451	BH-22-05	164	165	1	<0.001	0.18	28.6	44.1		
F060452	BH-22-05	165	166.1	1.1	<0.001	0.12	23.2	31.7		
F060453	BH-22-05	166.1	167	0.9	0.01	0.46	95.6	40.8		
F060454	BH-22-05	167	167.95	0.95	<0.001	0.41	94	42.5		
F060455	BH-22-05	167.95	168.4	0.45	<0.001	0.56	31.6	7.6		
F060456	BH-22-05	168.4	170	1.6	<0.001	0.36	100.5	47.3		
F060457	BH-22-05	170	172	2	<0.001	0.29	92.9	45.2		
F060458	BH-22-05	172	172.75	0.75	<0.001	0.32	109.5	41.2		
F060459	BH-22-05	172.75	174	1.25	<0.001	0.31	81.7	38.8		
F060461	BH-22-05	174	175	1	<0.001	0.38	52.7	31.9		
F060462	BH-22-05	175	176	1	<0.001	0.29	58.7	52.2		
F060463	BH-22-05	176	177	1	0.001	0.36	88.5	104		
F060464	BH-22-05	177	178	1	0.001	0.3	75.5	63.9		
F060465	BH-22-05	178	179	1	<0.001	0.18	38.1	40		
F060466	BH-22-05	179	180	1	<0.001	0.18	21.4	40.1		
F060467	BH-22-05	180	181	1	<0.001	0.25	46.4	42		
F060468	BH-22-05	181	182	1	<0.001	0.26	35.2	51.2		
F060469	BH-22-05	182	183	1	<0.001	0.14	13.7	33.9		
F060471	BH-22-05	183	184	1	<0.001	0.23	19.6	34		
F060472	BH-22-05	184	185	1	<0.001	0.4	63.8	67.9		
F060473	BH-22-05	185	186	1	<0.001	0.18	22.8	60		
F060474	BH-22-05	186	187	1	<0.001	0.22	45.6	43.5		
F060475	BH-22-05	187	188	1	<0.001	0.32	69.6	73.7		
F060476	BH-22-05	188	189	1	<0.001	0.29	59	46.9		
F060477	BH-22-05	189	190.4	1.4	<0.001	0.46	39.1	48.9		
F060478	BH-22-05	190.4	192	1.6	<0.001	0.66	59.9	283		
F060479	BH-22-05	192	194.3	2.3	<0.001	0.55	56.9	291		
F060481	BH-22-05	194.3	195.5	1.2	<0.001	0.43	54.2	48.9		
F060482	BH-22-05	195.5	197	1.5	<0.001	0.74	66.3	312		
F060483	BH-22-05	197	197.9	0.9	<0.001	0.76	53.4	291		
F060484	BH-22-05	197.9	199	1.1	0.002	0.32	30.4	45.5		
F060485	BH-22-05	199	200	1	0.012	0.35	35.1	61.3		
F060486	BH-22-05	200	201	1	0.007	0.41	43.6	50.7		
F060487	BH-22-05	201	202	1	0.001	0.25	41.2	52.1		
F060488	BH-22-05	202	203	1	0.001	0.23	28.6	62.7		
F060489	BH-22-05	203	203.75	0.75	0.001	0.38	31	50		
F060491	BH-22-05	203.75	204.9	1.15	0.002	0.51	180	78.8		
F060492	BH-22-05	204.9	206.35	1.45	0.002	0.22	29.2	50		
F060493	BH-22-05	206.35	207.03	0.68	<0.001	0.25	51.4	38.1		
F060494	BH-22-05	207.03	208	0.97	0.001	0.51	43.8	82.5		

Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060495	BH-22-05	208	209.43	1.43	0.001	0.29	39.2	56.5		
F060496	BH-22-05	209.43	210.75	1.32	<0.001	0.33	70.8	156		
F060497	BH-22-05	210.75	212	1.25	<0.001	0.16	29.6	52.9		
F060498	BH-22-05	212	212.79	0.79	0.001	0.26	40.4	61.2		
F060499	BH-22-05	212.79	214.08	1.29	<0.001	0.09	38.8	151.5		
F060501	BH-22-05	214.08	215	0.92	0.001	0.16	33.3	46.2		
F060502	BH-22-05	215	216	1	0.002	0.14	37.1	45.7		
F060503	BH-22-05	216	217	1	<0.001	0.12	25.7	28.3		
F060504	BH-22-05	217	218	1	0.003	0.13	46.1	32		
F060505	BH-22-05	218	219	1	0.004	0.1	29.4	38.5		
F060506	BH-22-05	219	220	1	0.004	0.13	37.3	42.1		
F060507	BH-22-05	220	221	1	0.012	0.11	68.1	37		
F060508	BH-22-05	221	222	1	0.002	0.1	42.2	35.7		
F060509	BH-22-05	222	223	1	0.003	0.11	57.5	33.1		
F060511	BH-22-05	223	224.28	1.28	0.003	0.4	68.6	38.8		
F060512	BH-22-05	224.28	225	0.72	<0.001	0.1	59.5	246		
F060513	BH-22-05	225	226	1	<0.001	0.06	29	310		
F060514	BH-22-05	226	227	1	0.002	0.05	22.9	118.5		
F060515	BH-22-05	227	228	1	0.002	0.1	37.5	105.5		
F060516	BH-22-05	228	229	1	<0.001	0.06	41.5	71.5		
F060517	BH-22-05	229	230	1	<0.001	0.04	15.4	58.8		
F060518	BH-22-05	230	231	1	<0.001	0.11	83.3	57.4		
F060519	BH-22-05	231	232	1	0.001	0.17	107	112		
F060521	BH-22-05	232	233	1	0.001	0.26	136.5	90.6		
F060522	BH-22-05	233	234	1	<0.001	0.02	45.2	50.5		
F060523	BH-22-05	234	234.94	0.94	0.001	0.07	126	77		
F060524	BH-22-05	234.94	236	1.06	0.002	0.16	111	100.5		
F060525	BH-22-05	236	237	1	0.001	0.17	128	124		
F060526	BH-22-05	237	238	1	0.003	0.1	89.2	120.5		
F060527	BH-22-05	238	240	2	0.001	0.11	87.5	107.5		
F060528	BH-22-05	240	242	2	0.001	0.12	96.2	104.5		
F060529	BH-22-05	242	244	2	0.001	0.25	102	95.4		
F060531	BH-22-05	244	246	2	<0.001	0.12	15.4	91.2		
F060532	BH-22-05	246	248	2	0.003	0.08	15.1	79		
F060533	BH-22-05	248	250	2	<0.001	0.04	6	22.7		
F060534	BH-22-05	250	252	2	<0.001	0.07	10.5	28.6		
F060535	BH-22-05	252	254	2	<0.001	0.11	23.7	35.4		
F060536	BH-22-05	254	256	2	<0.001	0.15	32.5	59.3		
F060537	BH-22-05	256	258	2	<0.001	0.04	18.2	30.6		
F060538	BH-22-05	258	260	2	<0.001	0.02	9.6	19.5		
F060539	BH-22-05	260	262	2	0.011	0.43	276	47.3		
F060541	BH-22-05	262	264	2	<0.001	0.1	27.5	91.8		
F060542	BH-22-05	264	265.87	1.87	0.002	0.14	55.5	90.4		
F060543	BH-22-05	265.87	267	1.13	0.001	0.01	3.4	44.3		
F060544	BH-22-05	267	269	2	<0.001	0.02	2.5	49.7		
F060545	BH-22-05	269	271	2	<0.001	0.04	6.6	52.3		
F060546	BH-22-05	271	273	2	<0.001	0.01	5.2	61.2		
F060547	BH-22-05	273	273.69	0.69	<0.001	0.03	10.4	58.5		
F060548	BH-22-05	273.69	274.49	0.8	0.001	0.18	47.3	235		
F060549	BH-22-05	274.49	276	1.51	<0.001	0.04	7.7	53.2		
F060551	BH-22-05	276	278	2	<0.001	0.05	12.7	53.9		
F060552	BH-22-05	278	280	2	<0.001	0.07	16.5	55.7		
F060553	BH-22-05	280	282	2	<0.001	0.03	9.9	52.6		
F060554	BH-22-05	282	284	2	<0.001	0.03	1.8	48.1		
F060555	BH-22-05	284	286	2	<0.001	0.15	41.9	154.5		
F060556	BH-22-05	286	288	2	<0.001	0.09	26.7	99.4		
F060557	BH-22-05	288	290	2	<0.001	0.04	19.6	41.6		

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060558	BH-22-05	290	290.79	0.79	<0.001		0.02	10.8	49.8	
F060559	BH-22-05	290.79	292	1.21	0.001		0.09	62.8	106.5	
F060561	BH-22-05	292	294	2	0.002		0.26	195	89.8	
F060562	BH-22-05	294	296	2	0.001		0.11	66.1	112.5	
F060563	BH-22-05	296	298	2	0.001		0.09	77.1	119.5	
F060564	BH-22-05	298	300	2	0.001		0.14	135.5	125.5	
F060565	BH-22-05	300	302	2	<0.001		0.14	95.7	108	
F060566	BH-22-05	302	304	2	<0.001		0.14	103	116.5	
F060567	BH-22-05	304	305.64	1.64	<0.001		0.16	92	159	
F060568	BH-22-05	305.64	307	1.36	<0.001		0.03	26.3	12.2	
F060569	BH-22-05	307	309	2	<0.001		0.05	35.8	13	
F060571	BH-22-05	309	310.62	1.62	<0.001		0.06	35.5	8.6	
F060572	BH-22-05	310.62	312	1.38	0.004		0.13	72.8	42.7	
F060573	BH-22-05	312	313.49	1.49	<0.001		0.03	14.2	49.4	
F060574	BH-22-05	313.49	315	1.51	<0.001	<0.01		1.4	43.6	
F060575	BH-22-05	315	317	2	0.001		0.16	113.5	85.7	
F060576	BH-22-05	317	318.42	1.42	0.003		0.02	12.2	28.2	
F060577	BH-22-05	318.42	320	1.58	<0.001		0.01	6.7	58.1	
F060578	BH-22-05	320	322	2	<0.001		0.03	34.9	84.4	
F060579	BH-22-05	322	324	2	0.003		0.07	74	111.5	
F060581	BH-22-05	324	326	2	<0.001		0.06	64.7	92.4	
F060582	BH-22-05	326	328	2	0.002		0.06	61.8	96.6	
F060583	BH-22-05	328	330	2	0.003		0.09	124	108	
F060584	BH-22-05	330	332	2	<0.001		0.03	34.2	106	
F060585	BH-22-05	332	334	2	0.001		0.05	72.6	101.5	
F060586	BH-22-05	334	336	2	0.001		0.09	136	100.5	
F060587	BH-22-05	336	338	2	0.004		0.12	194	112.5	
F060588	BH-22-05	338	340	2	0.009		0.26	305	88.6	
F060589	BH-22-05	340	342	2	0.011		0.09	81.8	94.1	
F060591	BH-22-05	342	344	2	<0.001		0.09	67.2	118.5	
F060592	BH-22-05	344	346	2	0.003		0.23	170.5	127	
F060593	BH-22-05	346	348	2	0.031		0.15	134	107.5	
F060594	BH-22-05	348	350	2	0.007		0.19	88.3	122	
F060595	BH-22-05	350	351.2	1.2	0.001		0.17	69.5	120	
F060596	BH-22-05	351.2	352	0.8	<0.001		0.15	60.7	216	
F060597	BH-22-05	352	354	2	<0.001		0.15	68.7	219	
F060598	BH-22-05	354	356	2	<0.001		0.11	48.5	213	
F060599	BH-22-05	356	358	2	<0.001		0.1	39.4	219	
F060601	BH-22-05	358	360	2	<0.001		0.11	46	226	
F060602	BH-22-05	360	362	2	<0.001		0.13	53.3	236	
F060603	BH-22-05	362	364	2	0.007		0.55	220	143.5	
F060604	BH-22-05	364	365.66	1.66	0.002		0.31	160	143.5	
F060605	BH-22-05	365.66	366.46	0.8	<0.001		0.12	42.6	199	
F060606	BH-22-05	366.46	368	1.54	0.003		0.2	121	126.5	
F060607	BH-22-05	368	369	1	0.001		0.2	113.5	122	
F060608	BH-22-05	369	370.65	1.65	0.002		0.23	117	141	
F060609	BH-22-05	370.65	372	1.35	0.001		0.12	55.2	212	
F060611	BH-22-05	372	374	2	<0.001		0.16	56.9	213	
F060612	BH-22-05	374	376	2	0.002		0.19	107	108	
F060613	BH-22-05	376	378	2	0.001		0.17	119	100.5	
F060614	BH-22-05	378	380	2	0.002		0.12	135.5	71.3	
F060615	BH-22-05	380	382	2	0.001		0.12	147	73.9	
F060616	BH-22-05	382	384	2	0.003		0.13	134	145	
F060617	BH-22-05	384	386	2	0.003		0.11	142	154	
F060618	BH-22-05	386	388	2	0.002		0.09	141.5	154.5	
F060619	BH-22-05	388	390	2	0.003		0.1	145	164	
F060621	BH-22-05	390	392	2	0.003		0.09	139.5	160.5	

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060622	BH-22-05	392	393	1	0.004	0.09	132.5	172		
F060623	BH-22-05	393	394.2	1.2	0.003	0.1	140	156.5		
F060624	BH-22-05	394.2	396	1.8	0.002	0.1	130.5	147.5		
F060625	BH-22-05	396	397.25	1.25	0.002	0.12	147	156.5		
F060626	BH-22-05	397.25	399	1.75	0.003	0.11	144	167.5		
F060627	BH-22-05	399	400	1	0.002	0.09	137	183		
F060628	BH-22-05	400	402	2	0.002	0.08	128	182		
F060629	BH-22-05	402	404	2	0.002	0.12	115.5	134.5		
F060631	BH-22-05	404	406	2	0.004	0.13	125.5	139.5		
F060632	BH-22-05	406	408	2	0.003	0.11	136	165		
F060633	BH-22-05	408	410	2	0.004	0.08	122	160		
F060634	BH-22-05	410	412	2	0.002	0.07	142	151		
F060635	BH-22-05	412	414	2	0.002	0.06	156.5	128.5		
F060636	BH-22-05	414	416	2	0.003	0.09	165.5	137.5		
F060637	BH-22-05	416	418	2	0.003	0.08	159	179		
F060638	BH-22-05	418	420	2	0.008	0.08	159.5	168		
F060639	BH-22-05	420	421	1	0.002	0.08	143.5	171.5		
F060641	BH-22-05	421	422	1	0.003	0.22	161	160		
F060642	BH-22-05	422	423	1	0.002	0.1	135.5	159		
F060643	BH-22-05	423	424	1	0.002	0.06	103	162		
F060644	BH-22-05	424	425	1	0.007	0.07	115	154.5		
F060645	BH-22-05	425	426	1	0.003	0.08	129.5	159.5		
F060646	BH-22-05	426	427	1	0.003	0.09	129	154		
F060647	BH-22-05	427	428	1	0.005	0.1	108.5	167		
F060648	BH-22-05	428	429	1	0.003	0.12	156	131		
F060649	BH-22-05	429	430	1	0.003	0.11	121.5	157		
F060651	BH-22-05	430	431	1	0.002	0.11	140	172.5		
F060652	BH-22-05	431	432	1	0.003	0.1	127	168		
F060653	BH-22-05	432	433	1	0.002	0.09	117.5	153		
F060654	BH-22-05	433	434	1	0.002	0.12	126	168		
F060655	BH-22-05	434	436	2	0.003	0.11	153	163.5		
F060656	BH-22-05	436	438	2	0.003	0.11	134	155.5		
F060657	BH-22-05	438	440	2	0.003	0.1	125.5	166.5		
F060658	BH-22-05	440	442	2	0.004	0.13	151	147		
F060659	BH-22-05	442	444	2	0.002	0.11	139.5	149		
F060661	BH-22-05	444	446	2	0.003	0.09	145.5	151.5		
F060662	BH-22-05	446	448	2	0.004	0.1	162	140.5		
F060663	BH-22-05	448	449	1	0.004	0.1	127	141.5		
F061065	BH-22-06	20.2	21	0.8	<0.001	0.23	99.6	75.1		
F061066	BH-22-06	21	24	3	<0.001	0.25	41.2	69.5		
F061067	BH-22-06	24	26	2	<0.001	0.12	69.4	72.8		
F061068	BH-22-06	26	28	2	<0.001	0.05	23.8	62.2		
F061069	BH-22-06	28	30	2	<0.001	0.17	47.2	64.9		
F061071	BH-22-06	30	32	2	0.001	0.16	42.4	95.5		
F061072	BH-22-06	32	33	1	<0.001	0.11	31.4	92.3		
F061073	BH-22-06	33	34	1	0.002	0.91	28.5	235		
F061074	BH-22-06	34	35	1	0.003	0.87	30	55.7		
F061075	BH-22-06	35	36	1	0.029	1.95	54.4	56		
F061076	BH-22-06	36	38	2	0.006	0.87	78.3	63.6		
F061077	BH-22-06	38	40	2	<0.001	0.17	18.6	49.3		
F061078	BH-22-06	40	42	2	0.025	0.54	53.8	70		
F061079	BH-22-06	42	43	1	0.002	0.78	43.5	65.3		
F061081	BH-22-06	43	44	1	0.038	1.62	80.2	63.6		
F061082	BH-22-06	44	45	1	0.01	0.56	37.8	73		
F061083	BH-22-06	45	47	2	<0.001	0.18	22.6	19.8		
F061084	BH-22-06	47	49	2	<0.001	0.29	75	95.8		
F061085	BH-22-06	49	51	2	<0.001	0.15	37	78.2		

Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F061086	BH-22-06	51	52	1	<0.001	0.15	35.1	54.2		
F061087	BH-22-06	52	53	1	0.006	0.51	49.1	50.9		
F061088	BH-22-06	53	54	1	0.003	0.33	26.6	49.1		
F061089	BH-22-06	54	55	1	0.001	0.41	41.7	38.5		
F061091	BH-22-06	55	56	1	0.001	0.52	35.1	42.1		
F061092	BH-22-06	56	57	1	0.001	0.3	49.9	67		
F061093	BH-22-06	57	58	1	0.001	0.66	139.5	165.5		
F061094	BH-22-06	58	59	1	0.013	2.55	246	134.5		
F061095	BH-22-06	59	61	2	0.003	0.63	178.5	139.5		
F061096	BH-22-06	61	63	2	0.006	1.39	209	149		
F061097	BH-22-06	63	64	1	0.005	1.51	158.5	138.5		
F061098	BH-22-06	64	64.95	0.95	0.004	0.43	77.7	118.5		
F061099	BH-22-06	64.95	65.5	0.55	0.008	0.52	68.3	57.2		
F061101	BH-22-06	65.5	66.15	0.65	0.006	0.46	124	154		
F061102	BH-22-06	66.15	66.95	0.8	0.014	0.6	50.7	51.1		
F061103	BH-22-06	66.95	67.45	0.5	0.132	1.47	112	120		
F061104	BH-22-06	67.45	69	1.55	0.008	0.58	94.6	137		
F061105	BH-22-06	69	70	1	0.093	0.63	324	131		
F061106	BH-22-06	70	71.5	1.5	0.021	0.07	76.5	198		
F061107	BH-22-06	71.5	74.05	2.55	0.002	0.02	29.8	20.9		
F061108	BH-22-06	74.05	76	1.95	0.043	0.07	126	105.5		
F061109	BH-22-06	76	78	2	0.023	0.04	94.3	159		
F061111	BH-22-06	78	80	2	0.014	0.07	92.6	152.5		
F061112	BH-22-06	80	81	1	0.007	0.06	99.5	162.5		
F061113	BH-22-06	81	82	1	0.034	0.02	30.5	145		
F061114	BH-22-06	82	83	1	0.01	0.04	82.3	150		
F061115	BH-22-06	83	84	1	0.12	0.52	1600	160.5		
F061116	BH-22-06	84	85	1	0.011	0.01	35.4	162.5		
F061117	BH-22-06	85	86	1	0.017	0.01	15.6	155		
F061118	BH-22-06	86	87	1	0.084	0.27	914	150		
F061119	BH-22-06	87	88	1	0.42	0.24	748	158		
F061121	BH-22-06	88	89	1	0.307	0.33	476	146.5		
F061122	BH-22-06	89	90	1	0.092	0.13	278	154.5		
F061123	BH-22-06	90	92	2	0.035	0.06	47.4	153		
F061124	BH-22-06	92	94	2	0.024	0.06	87.6	152.5		
F061125	BH-22-06	94	95	1	0.068	0.06	83	134		
F061126	BH-22-06	95	96.1	1.1	0.121	0.26	444	126.5		
F061127	BH-22-06	96.1	96.6	0.5	0.115	0.22	377	114		
F061128	BH-22-06	96.6	98	1.4	0.361	0.41	648	125.5		
F061129	BH-22-06	98	99	1	0.025	0.07	139	126.5		
F061131	BH-22-06	99	99.86	0.86	0.058	0.22	390	122		
F061132	BH-22-06	99.86	100.56	0.7	0.056	2.08	3770	149		
F061133	BH-22-06	100.56	101.56	1	0.021	0.6	994	124.5		
F061134	BH-22-06	101.56	103	1.44	0.02	0.18	318	131		
F061135	BH-22-06	103	105	2	0.03	0.15	214	137		
F061136	BH-22-06	105	107	2	0.036	0.17	176.5	134		
F061137	BH-22-06	107	109	2	0.018	0.07	95.1	132		
F061138	BH-22-06	109	111	2	0.007	0.06	89.6	128		
F061139	BH-22-06	111	113	2	0.113	0.09	108.5	130.5		
F061141	BH-22-06	113	114	1	0.105	0.19	207	130.5		
F061142	BH-22-06	114	114.5	0.5	0.233	0.33	492	98.6		
F061143	BH-22-06	114.5	116	1.5	0.122	0.12	152	125.5		
F061144	BH-22-06	116	118	2	0.08	0.05	75.3	137.5		
F061145	BH-22-06	118	120	2	0.026	0.06	93.5	136.5		
F061146	BH-22-06	120	122	2	0.012	0.05	80.6	118		
F061147	BH-22-06	122	124	2	0.004	0.05	89.6	120.5		
F061148	BH-22-06	124	126	2	0.029	0.06	85.9	126		

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F061149	BH-22-06	126	128	2	0.047	0.07	112	120.5		
F061151	BH-22-06	128	129.5	1.5	0.117	0.08	95.4	108.5		
F061152	BH-22-06	129.5	131	1.5	0.008	0.19	150.5	220		
F061153	BH-22-06	131	133	2	0.007	0.04	83.9	221		
F061154	BH-22-06	133	134.7	1.7	0.007	0.06	113.5	208		
F061155	BH-22-06	134.7	136	1.3	0.006	0.07	109	129.5		
F061156	BH-22-06	136	138	2	0.03	0.08	114.5	120.5		
F061157	BH-22-06	138	140	2	0.42	0.11	134	129.5		
F061158	BH-22-06	140	141.35	1.35	0.005	0.07	91.5	129		
F061159	BH-22-06	141.35	141.85	0.5	0.024	0.08	108	111		
F061161	BH-22-06	141.85	143	1.15	0.006	0.07	88.3	126		
F061162	BH-22-06	143	144	1	0.003	0.08	96.6	120.5		
F061163	BH-22-06	144	145	1	0.005	0.09	120	122.5		
F061164	BH-22-06	145	145.86	0.86	0.008	0.09	120.5	132.5		
F061165	BH-22-06	145.86	147	1.14	0.077	0.15	211	108		
F061166	BH-22-06	147	148	1	0.016	0.09	111	139		
F061167	BH-22-06	148	149	1	0.036	0.06	56.7	136		
F061168	BH-22-06	149	151	2	0.007	0.06	61	99.9		
F061169	BH-22-06	151	153	2	0.004	0.1	85.8	115.5		
F061171	BH-22-06	153	154	1	0.002	0.15	87.2	130		
F061172	BH-22-06	154	155	1	0.004	0.4	194	116		
F061173	BH-22-06	155	156	1	0.005	0.35	141	87.8		
F061174	BH-22-06	156	158	2	0.032	0.17	78.1	50.5		
F061175	BH-22-06	158	160	2	0.01	0.11	38.4	27.5		
F061176	BH-22-06	160	162	2	0.003	0.09	24.2	17		
F061177	BH-22-06	162	163	1	0.001	0.1	8.2	5.4		
F061178	BH-22-06	163	164	1	0.001	0.08	22	12.3		
F061179	BH-22-06	164	165	1	0.004	0.05	27.8	46.5		
F061181	BH-22-06	165	166	1	0.154	0.2	51.4	20.6		
F060796	BH-22-07	46.03	48	1.97	0.002	0.23	63.2	35		
F060797	BH-22-07	48	50	2	0.001	0.11	30.8	36		
F060798	BH-22-07	50	52	2	0.002	0.13	33	31.6		
F060799	BH-22-07	52	54	2	0.002	0.11	26.9	34.7		
F060801	BH-22-07	54	56	2	0.002	0.18	39.8	25.5		
F060802	BH-22-07	56	58	2	0.002	0.1	18.8	35.7		
F060803	BH-22-07	58	60	2	0.001	0.18	37	37.7		
F060804	BH-22-07	60	62	2	0.003	0.17	36.6	48.9		
F060805	BH-22-07	62	63.8	1.8	0.003	0.35	52.2	50.5		
F060806	BH-22-07	63.8	65	1.2	0.002	0.31	67.2	300		
F060807	BH-22-07	65	67	2	0.003	0.28	62.9	310		
F060808	BH-22-07	67	68.47	1.47	0.002	0.3	51.1	298		
F060809	BH-22-07	68.47	70	1.53	0.002	0.21	36.5	30.5		
F060811	BH-22-07	70	72	2	0.002	0.22	46.4	35.9		
F060812	BH-22-07	72	74	2	0.002	0.16	31.4	28.7		
F060813	BH-22-07	74	76	2	0.002	0.15	34	37.3		
F060814	BH-22-07	76	78	2	0.001	0.11	24.8	24.1		
F060815	BH-22-07	78	80	2	0.003	0.3	60.9	34.8		
F060816	BH-22-07	80	82	2	0.002	0.18	30.6	34.6		
F060817	BH-22-07	82	83	1	0.004	0.41	64.8	67.1		
F060818	BH-22-07	83	84.68	1.68	0.004	0.33	55	44.8		
F060819	BH-22-07	84.68	86	1.32	0.002	0.35	54.8	168		
F060821	BH-22-07	86	87.19	1.19	0.002	0.38	59.1	178.5		
F060822	BH-22-07	87.19	89.1	1.91	0.002	0.49	102.5	28		
F060823	BH-22-07	89.1	91	1.9	0.001	0.21	36.8	50.9		
F060824	BH-22-07	91	93	2	0.003	0.23	39.4	47.7		
F060825	BH-22-07	93	95	2	0.003	0.42	81.2	77.7		
F060826	BH-22-07	95	97	2	0.002	0.19	37.8	39		



Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060827	BH-22-07	97	99	2	0.001	0.12	37.7	62.1		
F060828	BH-22-07	99	100.38	1.38	0.003	0.26	46.5	68.4		
F060829	BH-22-07	100.38	101.38	1	0.003	0.29	55.8	229		
F060831	BH-22-07	101.38	102.55	1.17	0.002	0.28	50.1	235		
F060832	BH-22-07	102.55	104	1.45	0.002	0.17	43.3	77.6		
F060833	BH-22-07	104	106	2	0.002	0.15	40.3	74.2		
F060834	BH-22-07	106	108	2	0.002	0.2	47.6	80.6		
F060835	BH-22-07	108	110	2	0.002	0.29	49.3	75.5		
F060836	BH-22-07	110	112	2	0.002	0.22	41.6	90.6		
F060837	BH-22-07	112	114	2	0.003	0.18	62.6	56.8		
F060838	BH-22-07	114	116	2	0.002	0.11	32.7	58.1		
F060839	BH-22-07	116	118	2	0.002	0.05	28.4	39.7		
F060841	BH-22-07	118	119.3	1.3	0.002	0.09	32.4	47.5		
F060842	BH-22-07	119.3	120.3	1	0.003	0.51	226	80.1		
F060843	BH-22-07	120.3	121.9	1.6	0.001	0.47	180.5	85.9		
F060844	BH-22-07	121.9	123	1.1	0.001	0.04	17.4	22.7		
F060845	BH-22-07	123	125	2	0.002	0.09	37.4	36		
F060846	BH-22-07	125	127	2	0.002	0.18	72.9	58.1		
F060847	BH-22-07	127	129	2	0.002	0.11	54	77.6		
F060848	BH-22-07	129	131	2	0.002	0.12	81.4	57.6		
F060849	BH-22-07	131	133	2	0.002	0.1	64.9	83.1		
F060851	BH-22-07	133	135	2	0.003	0.13	51.7	74.8		
F060852	BH-22-07	135	137	2	0.003	0.16	51.4	73.7		
F060853	BH-22-07	137	139	2	0.003	0.18	53.3	79.9		
F060854	BH-22-07	139	141	2	0.003	0.17	47.8	54.7		
F060855	BH-22-07	141	142	1	0.004	0.18	44.1	74.6		
F060856	BH-22-07	142	143.42	1.42	0.002	0.18	46	70		
F060857	BH-22-07	143.42	145	1.58	0.003	0.14	54.5	258		
F060858	BH-22-07	145	146	1	0.003	0.1	48.4	389		
F060859	BH-22-07	146	147.79	1.79	0.003	0.11	44.3	424		
F060861	BH-22-07	147.79	149	1.21	0.002	0.1	35.6	339		
F060862	BH-22-07	149	151	2	0.002	0.11	40.4	148		
F060863	BH-22-07	151	153	2	0.002	0.14	54.4	61		
F060864	BH-22-07	153	155	2	0.002	0.19	54	58.9		
F060865	BH-22-07	155	156	1	0.005	0.16	34.2	56.3		
F060866	BH-22-07	156	157.38	1.38	0.005	0.45	45	78.3		
F060867	BH-22-07	157.38	159	1.62	0.002	0.3	75.4	239		
F060868	BH-22-07	159	160	1	0.002	0.17	54.2	239		
F060869	BH-22-07	160	162	2	0.003	0.13	23.6	57.7		
F060871	BH-22-07	162	164	2	0.003	0.31	60.1	71.4		
F060872	BH-22-07	164	166	2	0.003	0.57	50.4	67.9		
F060873	BH-22-07	166	168	2	0.002	0.1	24.9	51.6		
F060874	BH-22-07	168	170	2	0.003	0.31	52.3	74.3		
F060875	BH-22-07	170	172	2	0.003	0.14	30.2	67.4		
F060876	BH-22-07	172	174	2	0.003	0.16	33.3	68.2		
F060877	BH-22-07	174	176	2	0.003	0.18	35	69.4		
F060878	BH-22-07	176	177	1	0.002	0.15	34.7	51.7		
F060879	BH-22-07	177	178.58	1.58	0.002	0.14	30.5	50.2		
F060881	BH-22-07	178.58	179.12	0.54	0.002	0.24	111	40.2		
F060882	BH-22-07	179.12	181	1.88	0.002	0.19	55.4	55		
F060883	BH-22-07	181	183	2	0.002	0.16	31.1	57.8		
F060884	BH-22-07	183	185	2	0.003	0.23	60.5	59.8		
F060885	BH-22-07	185	187	2	0.002	0.12	34.5	74.7		
F060886	BH-22-07	187	188.62	1.62	0.003	0.2	38.2	200		
F060887	BH-22-07	188.62	189.56	0.94	0.001	0.18	80.2	254		
F060888	BH-22-07	189.56	191	1.44	0.005	0.16	36	47.8		
F060889	BH-22-07	191	193	2	0.005	0.22	48.8	58.9		

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060891	BH-22-07	193	195	2	0.003	0.22	59.9	60.3		
F060892	BH-22-07	195	197	2	0.004	0.21	48.9	56.3		
F060893	BH-22-07	197	199	2	0.006	0.19	56	73.2		
F060894	BH-22-07	199	201	2	0.004	0.17	57.8	61.9		
F060895	BH-22-07	201	203	2	0.004	0.14	44.7	66		
F060896	BH-22-07	203	205	2	0.003	0.15	56.1	49.5		
F060897	BH-22-07	205	207	2	0.004	0.11	43.1	53.8		
F060898	BH-22-07	207	209	2	0.006	0.09	35.9	41.6		
F060899	BH-22-07	209	211	2	0.009	0.08	25.4	50.7		
F060901	BH-22-07	211	213	2	0.009	0.05	28.4	42.5		
F060902	BH-22-07	213	215	2	<0.001	0.09	41.8	54.3		
F060903	BH-22-07	215	217	2	0.01	0.1	58.1	43.9		
F060904	BH-22-07	217	219	2	0.007	0.11	30	32.9		
F060905	BH-22-07	219	221	2	0.004	0.17	58	100.5		
F060906	BH-22-07	221	223	2	0.004	0.12	58.6	101.5		
F060907	BH-22-07	223	225	2	<0.001	0.04	26	47.9		
F060908	BH-22-07	225	227	2	0.002	0.06	39.6	40		
F060909	BH-22-07	227	228	1	0.003	0.09	39.8	53.7		
F060911	BH-22-07	228	229.18	1.18	0.004	0.16	77.8	62.4		
F060912	BH-22-07	229.18	231	1.82	0.003	0.08	22.8	8.1		
F060913	BH-22-07	231	233	2	0.005	0.09	34	9.7		
F060914	BH-22-07	233	234.04	1.04	0.002	0.16	67	53.9		
F060915	BH-22-07	234.04	236	1.96	0.005	0.17	74.3	73.1		
F060916	BH-22-07	236	238	2	0.004	0.17	107	88.4		
F060917	BH-22-07	238	240	2	0.006	0.23	214	119.5		
F060918	BH-22-07	240	242	2	0.005	0.33	214	116.5		
F060919	BH-22-07	242	244	2	0.004	0.06	83.4	123		
F060921	BH-22-07	244	245.16	1.16	0.003	0.04	57.8	70.7		
F060922	BH-22-07	245.16	247	1.84	0.002	0.01	6.2	60		
F060923	BH-22-07	247	249	2	0.002	0.01	7.9	61.1		
F060924	BH-22-07	249	251	2	0.006	<0.01	4.7	56.5		
F060925	BH-22-07	251	253	2	0.001	<0.01	2.1	64.1		
F060926	BH-22-07	253	255	2	0.003	0.01	8.5	61.6		
F060927	BH-22-07	255	257	2	0.002	<0.01	6.9	78.6		
F060928	BH-22-07	257	257.83	0.83	0.003	0.03	28.4	56.6		
F060929	BH-22-07	257.83	259	1.17	0.004	0.06	63.4	98.3		
F060931	BH-22-07	259	261	2	0.003	0.17	59.5	92.4		
F060932	BH-22-07	261	263	2	0.005	0.09	145	125		
F060933	BH-22-07	263	265	2	0.006	0.12	235	106.5		
F060934	BH-22-07	265	267	2	0.003	0.03	58.1	102.5		
F060935	BH-22-07	267	269	2	0.005	0.13	187	111		
F060936	BH-22-07	269	271	2	0.008	0.17	137	121		
F060937	BH-22-07	271	273	2	0.006	0.27	204	116.5		
F060938	BH-22-07	273	275	2	0.004	0.17	88.5	119		
F060939	BH-22-07	275	275.65	0.65	0.004	0.23	153.5	150		
F060941	BH-22-07	275.65	276.5	0.85	0.003	0.12	55	356		
F060942	BH-22-07	276.5	277	0.5	0.002	0.11	47.1	330		
F060943	BH-22-07	277	278	1	0.003	0.1	45.7	360		
F060944	BH-22-07	278	279	1	0.002	0.11	56.2	389		
F060945	BH-22-07	279	280	1	0.002	0.12	58.8	355		
F060946	BH-22-07	280	281	1	0.002	0.16	63.9	360		
F060947	BH-22-07	281	282.43	1.43	0.001	0.1	45.7	340		
F060948	BH-22-07	282.43	284	1.57	0.004	0.04	18	133.5		
F060949	BH-22-07	284	286	2	0.005	0.07	49.7	121.5		
F060951	BH-22-07	286	288	2	0.003	0.07	66.9	117.5		
F060952	BH-22-07	288	290	2	0.004	0.08	83.5	109		
F060953	BH-22-07	290	291	1	0.005	0.1	95.8	148		

Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060954	BH-22-07	291	293	2	0.006	0.17	131.5	125.5		
F060955	BH-22-07	293	294	1	0.006	0.2	169.5	88		
F060956	BH-22-07	294	295	1	0.004	0.19	194	74		
F060957	BH-22-07	295	297	2	0.006	0.18	157.5	136.5		
F060958	BH-22-07	297	299	2	0.004	0.12	87.5	154		
F060959	BH-22-07	299	301	2	0.004	0.17	134.5	153		
F060961	BH-22-07	301	302.41	1.41	0.004	0.26	155	133.5		
F060962	BH-22-07	302.41	304	1.59	0.003	0.09	55.7	355		
F060963	BH-22-07	304	305.45	1.45	0.002	0.06	39.2	378		
F060964	BH-22-07	305.45	307	1.55	0.003	0.13	96.4	143		
F060965	BH-22-07	307	309	2	0.005	0.13	122	140.5		
F060966	BH-22-07	309	311	2	0.003	0.06	53.4	104		
F060967	BH-22-07	311	313	2	0.003	0.11	113.5	204		
F060968	BH-22-07	313	314.07	1.07	0.003	0.07	70.2	191		
F060969	BH-22-07	314.07	314.71	0.64	0.002	0.02	5.2	529		
F060971	BH-22-07	314.71	316	1.29	0.005	0.23	260	112.5		
F060972	BH-22-07	316	318	2	0.006	0.16	130.5	262		
F060973	BH-22-07	318	320	2	0.011	0.11	73.4	141.5		
F060974	BH-22-07	320	322	2	0.004	0.16	96.8	98		
F060975	BH-22-07	322	324	2	0.014	0.17	114.5	97		
F060976	BH-22-07	324	326	2	0.003	0.04	31.1	95.8		
F060977	BH-22-07	326	328	2	0.006	0.03	24.5	74.7		
F060978	BH-22-07	328	330	2	0.005	0.07	56	63.5		
F060979	BH-22-07	330	332	2	0.006	0.14	123	86.3		
F060981	BH-22-07	332	334	2	0.004	0.08	77.7	81.3		
F060982	BH-22-07	334	336	2	0.01	0.08	70.3	82.7		
F060983	BH-22-07	336	338	2	0.01	0.2	165	95.2		
F060984	BH-22-07	338	340	2	0.038	0.12	101	140.5		
F060985	BH-22-07	340	342	2	0.011	0.16	160.5	135.5		
F060986	BH-22-07	342	344	2	0.006	0.09	77.7	89.2		
F060987	BH-22-07	344	346	2	0.01	0.13	103.5	100		
F060988	BH-22-07	346	348	2	0.005	0.03	30.2	110.5		
F060989	BH-22-07	348	348.77	0.77	0.01	0.13	115	111.5		
F060991	BH-22-07	348.77	350	1.23	0.008	0.08	72.7	33.5		
F060992	BH-22-07	350	351.63	1.63	0.005	0.03	33.8	43.1		
F060993	BH-22-07	351.63	353	1.37	0.026	0.04	53.5	110		
F060994	BH-22-07	353	354	1	0.01	0.03	25.2	96.6		
F060995	BH-22-07	354	356	2	0.012	0.06	48.6	102		
F060996	BH-22-07	356	358	2	0.005	0.05	27.5	113		
F060997	BH-22-07	358	360	2	0.008	0.07	51.9	110.5		
F060998	BH-22-07	360	362	2	0.005	0.24	212	113.5		
F060999	BH-22-07	362	364	2	0.007	0.09	79.2	113		
F062451	BH-22-07	364	366	2	0.008	0.12	84.5	119.5		
F062452	BH-22-07	366	368	2	0.007	0.08	52.6	110		
F062453	BH-22-07	368	370	2	0.005	0.1	90	107		
F062454	BH-22-07	370	371	1	0.005	0.12	98.8	101.5		
F062455	BH-22-07	371	372.39	1.39	0.004	0.1	88.5	102		
F062456	BH-22-07	372.39	374	1.61	0.002	0.05	15	13		
F062457	BH-22-07	374	376	2	0.004	0.25	17.9	4.9		
F062458	BH-22-07	376	378	2	0.001	0.01	7.7	3.9		
F062459	BH-22-07	378	379.83	1.83	0.002	0.03	24.3	5.7		
F062461	BH-22-07	379.83	381	1.17	0.005	0.07	75.9	47.6		
F062462	BH-22-07	381	383	2	0.003	0.07	70.9	46.9		
F062463	BH-22-07	383	385	2	0.008	0.2	242	68.3		
F062464	BH-22-07	385	386	1	0.011	0.32	414	82.7		
F062465	BH-22-07	386	387	1	0.003	0.06	83	45.4		
F062466	BH-22-07	387	388	1	0.009	0.06	88.3	57		

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F062467	BH-22-07	388	389	1	0.01	0.33	392	100		
F062468	BH-22-07	389	390	1	0.009	0.29	351	141.5		
F062469	BH-22-07	390	391	1	0.006	0.2	193.5	101.5		
F062471	BH-22-07	391	392	1	0.004	0.14	98.2	97.8		
F062472	BH-22-07	392	393	1	0.014	<0.01	13	83.7		
F062473	BH-22-07	393	394	1	0.001	0.05	50.8	103		
F062474	BH-22-07	394	396	2	0.003	0.11	92.9	106		
F062475	BH-22-07	396	398	2	0.002	0.02	16.4	94.2		
F062476	BH-22-07	398	400	2	0.006	0.06	42.9	80.8		
F062477	BH-22-07	400	402	2	0.036	0.05	60.4	62.4		
F062478	BH-22-07	402	403	1	<0.001	0.01	1.5	59.6		
F062479	BH-22-07	403	404.27	1.27	0.002	0.01	10.1	54.8		
F062481	BH-22-07	404.27	406	1.73	0.002	0.04	3.8	65		
F062482	BH-22-07	406	408	2	0.001	0.03	18.8	67.8		
F062483	BH-22-07	408	410	2	0.005	0.1	128.5	86.9		
F062484	BH-22-07	410	412	2	<0.001	0.06	19.2	74.1		
F062485	BH-22-07	412	414	2	<0.001	0.01	1.2	76.3		
F062486	BH-22-07	414	416	2	0.005	0.01	1	81.7		
F062487	BH-22-07	416	417.7	1.7	0.007	0.21	306	74		
F062488	BH-22-07	417.7	419	1.3	0.004	0.19	268	65.3		
F062489	BH-22-07	419	420	1	0.085	0.18	212	87.6		
F062491	BH-22-07	420	421	1	0.005	0.3	632	114		
F062492	BH-22-07	421	422	1	0.003	0.22	354	74.3		
F062493	BH-22-07	422	423	1	0.08	0.18	243	55.9		
F062494	BH-22-07	423	423.9	0.9	0.053	0.28	283	53.1		
F062495	BH-22-07	423.9	425	1.1	0.004	0.32	333	73.6		
F062496	BH-22-07	425	427	2	0.003	0.12	149	155.5		
F062497	BH-22-07	427	429	2	0.001	0.1	89.1	169.5		
F062498	BH-22-07	429	431	2	0.267	0.09	79.2	175		
F062499	BH-22-07	431	433	2	0.004	0.13	142	201		
F061201	BH-22-07	433	435	2	0.016	1.04	522	145		
F061202	BH-22-07	435	437	2	0.004	0.33	39.1	167.5		
F061203	BH-22-07	437	439	2	0.005	0.07	72.5	176		
F061204	BH-22-07	439	441	2	0.033	0.23	67.4	176.5		
F061205	BH-22-07	441	443	2	0.014	0.35	67.5	174		
F061206	BH-22-07	443	445	2	0.022	0.37	46.8	164		
F061207	BH-22-07	445	447	2	0.002	0.04	2.2	101		
F061208	BH-22-07	447	449	2	0.002	0.01	6.6	56		
F061209	BH-22-07	449	450	1	0.003	<0.01	3.8	56.7		
F061211	BH-22-07	450	451	1	0.003	0.07	1.3	54.6		
F061212	BH-22-07	451	452	1	0.027	0.22	245	74.3		
F061213	BH-22-07	452	453	1	0.008	0.11	132	74.1		
F061214	BH-22-07	453	454.65	1.65	0.072	0.43	513	116.5		
F061215	BH-22-07	454.65	455.26	0.61	0.013	0.47	422	24.4		
F061216	BH-22-07	455.26	457	1.74	0.006	0.13	134	78.3		
F061217	BH-22-07	457	459	2	0.003	0.26	272	81		
F061218	BH-22-07	459	461	2	0.005	0.14	152	78.3		
F061219	BH-22-07	461	463	2	0.003	0.16	155	81.6		
F061221	BH-22-07	463	465	2	0.005	0.16	155.5	79.5		
F061222	BH-22-07	465	467	2	0.008	0.14	178	96.2		
F061223	BH-22-07	467	469	2	0.024	0.63	584	150		
F061224	BH-22-07	469	471	2	0.013	0.26	256	129		
F061225	BH-22-07	471	473	2	0.01	0.1	91.3	132		
F061226	BH-22-07	473	474	1	0.002	<0.01	4.5	166		
F061227	BH-22-07	474	475.04	1.04	0.003	0.04	35.7	175		
F061228	BH-22-07	475.04	477	1.96	0.003	0.07	55.8	180		
F061229	BH-22-07	477	479	2	0.002	0.06	57.1	178.5		

Sample	Drill Hole I	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F061231	BH-22-07	479	480	1	0.002	0.03	22.1	176		
F061232	BH-22-07	480	481.34	1.34	0.004	0.21	227	162.5		
F061233	BH-22-07	481.34	482	0.66	0.004	0.13	128.5	154		
F061234	BH-22-07	482	483	1	0.005	0.11	134.5	178		
F061235	BH-22-07	483	484	1	0.004	0.02	22.2	142.5		
F061236	BH-22-07	484	485	1	0.006	0.34	339	152.5		
F061237	BH-22-07	485	486	1	0.005	0.15	142	155.5		
F061238	BH-22-07	486	487.23	1.23	0.033	0.63	590	126		
F061239	BH-22-07	487.23	487.73	0.5	0.049	2.39	2640	124.5		
F061241	BH-22-07	487.73	489	1.27	0.015	0.13	132	152		
F060701	BH-22-08	69	70	1	0.001	0.24	55.5	57.6		
F060702	BH-22-08	70	71	1	0.012	3.62	35	52.6		
F060703	BH-22-08	71	72	1	0.085	6.4	84.6	63		
F060704	BH-22-08	72	73	1	0.006	0.97	65.8	92		
F060705	BH-22-08	73	74	1	0.011	0.77	18.2	40		
F060706	BH-22-08	74	75	1	0.15	3.03	41.6	43.6		
F060707	BH-22-08	75	76	1	0.024	3.42	289	292		
F060708	BH-22-08	76	78	2	0.004	1.64	45.8	50.9		
F060709	BH-22-08	78	80	2	<0.001	0.36	27.1	50.1		
F060711	BH-22-08	80	82	2	0.004	1.25	57	51.8		
F060712	BH-22-08	82	84	2	0.002	0.8	23.6	91		
F060713	BH-22-08	84	86	2	0.001	0.19	25.3	21.1		
F060714	BH-22-08	86	88	2	0.004	0.35	95.2	123		
F060715	BH-22-08	88	90	2	<0.001	0.13	27.6	41.2		
F060716	BH-22-08	90	92	2	<0.001	0.3	31.7	42.1		
F060717	BH-22-08	92	94	2	0.001	0.54	27.3	31.4		
F060718	BH-22-08	94	96	2	0.003	0.9	156.5	142		
F060719	BH-22-08	96	98	2	0.004	0.84	136.5	151		
F060721	BH-22-08	98	100	2	0.005	0.79	97.8	129.5		
F060722	BH-22-08	100	101	1	0.047	1.74	113.5	91.7		
F060723	BH-22-08	101	102	1	0.006	0.5	93.4	132.5		
F060724	BH-22-08	102	104	2	0.018	0.16	116.5	127.5		
F060725	BH-22-08	104	106	2	0.198	0.09	72.4	92.4		
F060726	BH-22-08	106	108	2	0.036	0.03	52	63.2		
F060727	BH-22-08	108	109.55	1.55	0.006	<0.01	14.4	10.4		
F060728	BH-22-08	109.55	111	1.45	0.021	0.05	93.3	126		
F060729	BH-22-08	111	113	2	0.023	0.08	191	135.5		
F060731	BH-22-08	113	113.82	0.82	0.045	0.08	153	111		
F060732	BH-22-08	113.82	114.84	1.02	<0.001	0.02	14.4	12.7		
F060733	BH-22-08	114.84	117	2.16	0.007	0.08	157	95.8		
F060734	BH-22-08	117	119	2	0.054	0.07	62.6	128		
F060735	BH-22-08	119	121	2	0.015	0.04	51.3	127.5		
F060736	BH-22-08	121	123	2	0.057	0.08	151.5	127.5		
F060737	BH-22-08	123	125	2	0.099	0.05	77.6	130		
F060738	BH-22-08	125	126.7	1.7	0.043	0.08	116.5	132.5		
F060739	BH-22-08	126.7	127.7	1	0.012	0.04	57.7	134.5		
F060741	BH-22-08	127.7	128.21	0.51	0.269	2.42	4030	162.5		
F060742	BH-22-08	128.21	129	0.79	0.019	0.07	92.2	129		
F060743	BH-22-08	129	130	1	0.018	0.06	103.5	140.5		
F060744	BH-22-08	130	131	1	0.01	0.09	163.5	144		
F060745	BH-22-08	131	132	1	0.022	0.06	109.5	132		
F060746	BH-22-08	132	133	1	0.037	0.05	81.7	143		
F060747	BH-22-08	133	134	1	1.1	0.1	95	138		
F060748	BH-22-08	134	136	2	0.018	0.06	111.5	133		
F060749	BH-22-08	136	138	2	0.013	0.05	78.8	132.5		
F060751	BH-22-08	138	140	2	0.017	0.07	109.5	135		
F060752	BH-22-08	140	142	2	0.045	0.06	92.3	133.5		

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Cu_ppm_ME	Ni_ppm_ME	Au_ppm_A	Cu_%_OG62
F060753	BH-22-08	142	144	2	0.071	0.04	72.6	123		
F060754	BH-22-08	144	146	2	0.227	0.05	59.1	142		
F060755	BH-22-08	146	148	2	0.248	0.1	118.5	133		
F060756	BH-22-08	148	150	2	0.014	0.06	89.3	117		
F060757	BH-22-08	150	152	2	0.006	0.04	76.6	109.5		
F060758	BH-22-08	152	154	2	0.051	0.08	98.4	127.5		
F060759	BH-22-08	154	156	2	0.087	0.08	114	113.5		
F060761	BH-22-08	156	158	2	0.017	0.05	55.7	116.5		
F060762	BH-22-08	158	158.75	0.75	0.057	0.02	34.2	118.5		
F060763	BH-22-08	158.75	159.13	0.38	0.005	0.06	80.3	70.4		
F060764	BH-22-08	159.13	161	1.87	0.04	0.09	92.1	110		
F060765	BH-22-08	161	163	2	0.014	0.03	60.4	126		
F060766	BH-22-08	163	165	2	0.01	0.07	105.5	165.5		
F060767	BH-22-08	165	167	2	0.014	0.06	94.8	122.5		
F060768	BH-22-08	167	169	2	0.012	0.1	123.5	131		
F060769	BH-22-08	169	171	2	0.01	0.07	67.5	145.5		
F060771	BH-22-08	171	173	2	0.013	0.13	159.5	103		
F060772	BH-22-08	173	175	2	0.005	0.04	55.8	135.5		
F060773	BH-22-08	175	177	2	0.005	0.07	70.5	127		
F060774	BH-22-08	177	179	2	0.007	0.08	113.5	126		
F060775	BH-22-08	179	181	2	0.06	0.07	95.2	123		
F060776	BH-22-08	181	183	2	0.078	0.09	151.5	105.5		
F060777	BH-22-08	183	184	1	0.014	0.06	77.1	126.5		
F060778	BH-22-08	184	185.3	1.3	0.02	0.13	124.5	120		
F060779	BH-22-08	185.3	186	0.7	0.004	0.09	88.6	100.5		
F060781	BH-22-08	186	186.9	0.9	0.006	0.16	69.8	88.5		
F060782	BH-22-08	186.9	188	1.1	0.001	0.02	2.3	9.3		
F060783	BH-22-08	188	189.3	1.3	0.001	0.03	16.5	5.9		
F060784	BH-22-08	189.3	190.23	0.93	<0.001	0.1	27.4	83.3		
F060785	BH-22-08	190.23	191	0.77	0.006	0.07	23.3	15.6		
F060786	BH-22-08	191	192	1	<0.001	0.13	15.8	8		
F060787	BH-22-08	192	193	1	0.001	0.06	12.7	6.3		
F060788	BH-22-08	193	194	1	0.001	0.06	17.2	13.6		
F060789	BH-22-08	194	195	1	0.003	0.1	21.9	22.3		
F060791	BH-22-08	195	196	1	<0.001	0.07	28.8	51.7		
F060792	BH-22-08	196	197	1	<0.001	0.14	19	12.6		
F060793	BH-22-08	197	198	1	<0.001	0.01	5.9	4.7		
F060794	BH-22-08	198	200	2	<0.001	0.08	8.4	4		
F060795	BH-22-08	200	202	2	<0.001	0.15	7.9	4.7		

# APPENDIX E: LAB CERTIFICATES



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To: NORTHERN DOMINION METALS/CROSS RIVER  
 VENTURE  
 1430-800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 1  
 Total # Pages: 8 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 10-MAY-2022  
 Account: NDMCDEZG

**CERTIFICATE TB22102956**

Project: McVicar

This report is for 262 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 22-APR-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61	48 element four acid ICP-MS	
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
Au-GRA22	Au 50 g 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, Director, North Vancouver Operations





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 Plus Appendix Pages  
 Finalized Date: 10-MAY-2022  
 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
F060001		2.41	0.162		0.03	7.29	7.5	30	0.20	2.35	7.77	0.04	5.27	50.9	198	0.24
F060002		2.36	0.456		0.08	7.38	11.2	80	0.18	3.88	7.80	0.06	4.67	44.2	211	0.39
F060003		2.17	0.449		0.06	7.59	20.7	30	0.20	4.92	9.35	0.04	5.28	47.1	205	0.22
F060004		2.27	0.017		0.06	7.57	18.2	30	0.16	0.26	9.19	0.06	5.21	50.7	217	0.17
F060005		2.10	0.039		0.03	7.43	18.7	20	0.14	0.71	9.69	0.05	5.19	46.7	226	0.12
F060006		2.13	0.008		0.03	7.55	17.6	20	0.24	0.18	8.55	0.05	7.80	44.7	208	0.18
F060007		2.41	0.003		0.06	7.53	9.3	40	0.17	0.08	8.13	0.07	5.16	45.9	251	0.26
F060008		2.73	0.023		0.04	7.78	11.5	40	0.18	0.34	7.57	0.03	5.11	50.2	271	0.23
F060009		1.62	0.016		0.04	7.80	6.9	90	0.18	0.15	6.19	0.03	5.06	46.2	285	0.48
F060010		0.59	<0.001		<0.01	0.17	0.2	10	0.05	0.01	21.1	<0.02	2.73	1.1	3	0.10
F060011		2.48	0.029		0.02	7.41	9.8	60	0.17	0.20	7.95	0.02	5.34	44.7	246	0.43
F060012		3.01	0.052		0.04	7.49	12.7	50	0.24	0.36	8.22	0.05	5.12	49.3	260	0.27
F060013		2.62	0.018		0.05	8.01	11.0	40	0.16	0.23	9.18	0.06	5.49	46.6	265	0.16
F060014		2.51	0.034		0.02	7.69	14.8	40	0.17	0.36	9.14	0.04	5.45	45.9	255	0.22
F060015		10.01	0.101		0.03	7.67	6.0	60	0.17	0.46	9.10	0.04	5.18	45.5	262	0.32
F060016		7.66	0.062		0.02	7.10	8.0	60	0.17	0.26	8.45	0.03	4.94	43.9	226	0.51
F060017		7.59	0.043		0.06	7.43	7.6	30	0.15	0.19	8.49	0.05	5.07	45.1	201	0.29
F060018		8.23	0.022		0.05	7.36	8.0	30	0.14	0.22	9.10	0.04	5.03	52.0	182	0.26
F060019		7.67	0.025		0.06	7.45	10.1	30	0.16	0.28	9.40	0.05	5.61	47.9	196	0.20
F060020		0.11	6.38		83.7	7.16	430	980	0.88	0.49	4.95	20.7	40.6	27.0	77	2.46
F060021		6.84	0.048		0.08	6.83	12.5	30	0.15	0.18	8.66	0.05	4.50	50.3	182	0.27
F060022		7.47	0.035		0.06	7.21	9.7	30	0.14	0.19	7.89	0.05	4.73	46.3	184	0.34
F060023		6.94	0.020		0.08	7.28	9.6	40	0.16	0.19	8.09	0.06	5.30	49.5	188	0.43
F060024		2.60	0.027		0.04	7.13	7.2	50	0.16	0.14	7.41	0.04	4.58	45.5	186	0.46
F060025		1.56	0.012		0.03	6.94	8.0	100	0.15	0.16	6.98	0.03	4.61	46.5	171	0.82
F060026		2.41	0.022		0.15	7.69	10.4	120	0.28	0.27	6.85	0.12	10.10	47.1	163	0.84
F060027		2.21	0.140		0.22	6.95	9.6	80	0.18	0.52	7.35	0.10	6.53	49.9	165	0.63
F060028		2.29	0.012		0.04	7.21	5.8	40	0.19	0.18	7.53	0.05	7.38	47.4	212	0.30
F060029		1.15	0.038		0.08	7.23	6.8	30	0.17	0.36	8.92	0.05	4.80	48.5	216	0.23
F060030		1.14	0.069		0.06	7.40	7.6	30	0.16	0.77	8.58	0.05	4.80	48.2	210	0.23
F060031		2.17	0.094		0.08	7.10	7.1	20	0.27	0.71	8.45	0.06	7.63	42.6	187	0.26
F060032		2.25	0.009		0.04	6.91	3.8	40	0.16	0.11	7.50	0.06	4.43	42.6	200	0.36
F060033		2.20	0.021		0.05	6.81	2.9	20	0.13	0.23	7.36	0.04	4.66	45.3	205	0.27
F060034		2.05	0.017		0.08	6.47	2.1	110	0.24	0.23	7.55	0.07	6.08	41.5	178	1.09
F060035		2.20	0.012		0.07	6.63	1.4	100	0.28	0.18	7.18	0.06	6.18	40.0	169	0.94
F060036		2.23	0.011		0.10	6.75	1.5	110	0.46	0.17	7.03	0.05	10.85	38.0	167	1.14
F060037		2.11	0.002		0.09	6.76	1.4	250	0.77	0.11	3.61	0.05	20.3	19.4	51	1.26
F060038		2.37	0.010		0.12	6.99	0.7	230	0.57	0.08	4.20	0.07	24.3	22.1	62	1.13
F060039		2.11	0.004		0.11	7.11	0.8	310	0.95	0.11	2.85	0.05	27.9	15.0	37	1.54
F060040		0.81	<0.001		0.01	0.21	1.1	10	0.09	0.01	20.7	<0.02	3.27	1.0	3	0.14



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 Plus Appendix Pages  
 Finalized Date: 10-MAY-2022  
 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F060001		45.4	7.78	14.60	0.05	0.8	0.044	0.08	2.0	22.5	4.10	1205	1.13	1.30	1.4	147.0
F060002		96.3	7.41	14.50	0.08	0.8	0.043	0.28	1.7	22.5	5.07	1235	0.38	1.44	1.3	160.0
F060003		67.1	7.90	16.55	0.05	0.7	0.059	0.11	1.9	17.2	4.25	1275	0.62	1.28	1.3	158.5
F060004		99.8	7.97	15.35	0.06	0.7	0.052	0.10	1.8	15.1	4.22	1360	0.31	1.17	1.4	167.0
F060005		52.8	7.81	15.45	0.06	0.7	0.056	0.06	1.9	10.4	4.19	1355	0.51	1.05	1.3	156.5
F060006		73.4	7.70	16.15	0.07	1.1	0.052	0.09	2.9	16.2	4.17	1310	0.29	1.03	2.1	143.0
F060007		129.0	7.79	14.65	0.06	0.9	0.048	0.17	1.9	21.0	4.80	1350	0.28	1.36	1.4	154.0
F060008		63.9	8.40	15.25	0.06	0.7	0.049	0.17	1.9	20.6	4.35	1500	0.22	1.21	1.3	161.0
F060009		79.9	7.63	14.85	0.08	0.8	0.041	0.44	1.7	24.3	5.08	1285	0.29	1.52	1.3	161.0
F060010		3.1	0.15	0.39	<0.05	0.1	<0.005	0.12	1.8	5.5	13.05	57	0.13	0.03	0.3	1.7
F060011		44.4	7.14	13.95	0.08	0.9	0.035	0.30	1.9	23.6	4.91	1155	0.20	1.31	1.4	160.5
F060012		55.6	7.79	14.90	0.06	0.7	0.049	0.19	1.8	21.0	4.31	1305	0.24	1.37	1.4	156.0
F060013		82.3	7.89	15.85	0.06	0.8	0.053	0.11	1.9	14.8	3.91	1320	0.22	1.50	1.4	163.0
F060014		51.8	7.87	14.95	0.05	0.7	0.054	0.12	1.9	20.0	3.89	1330	0.31	1.31	1.3	156.0
F060015		40.4	8.09	14.45	0.05	0.8	0.058	0.24	1.9	16.6	4.08	1430	0.16	1.33	1.3	147.5
F060016		16.0	7.04	14.00	0.06	0.7	0.037	0.35	1.8	24.8	4.68	1165	0.20	1.34	1.3	167.0
F060017		132.5	7.93	15.05	0.06	1.0	0.050	0.12	1.8	21.0	4.26	1300	0.17	1.26	1.2	150.5
F060018		103.5	8.75	15.65	0.07	0.9	0.061	0.11	1.8	17.8	4.10	1440	0.25	1.10	1.3	156.5
F060019		141.0	7.99	15.95	0.07	0.8	0.065	0.11	2.0	15.4	3.86	1305	0.28	1.07	1.3	148.5
F060020		740	6.12	17.35	0.13	0.9	0.094	1.43	20.7	26.2	2.43	957	15.80	1.89	20.0	52.2
F060021		117.0	8.28	13.80	0.07	0.7	0.050	0.10	1.6	21.3	3.97	1360	0.23	1.17	1.2	158.5
F060022		105.5	7.81	13.10	0.06	0.6	0.049	0.11	1.7	26.9	4.24	1250	0.15	1.40	1.2	145.5
F060023		140.0	7.58	14.70	0.05	0.7	0.047	0.25	1.9	22.4	4.74	1270	0.19	1.49	1.3	152.5
F060024		101.0	7.58	13.65	0.06	0.6	0.043	0.24	1.6	29.2	4.65	1255	0.38	1.41	1.2	144.0
F060025		61.0	6.82	14.30	0.07	0.5	0.032	0.49	1.6	34.2	4.71	1080	0.29	1.60	1.2	148.0
F060026		408	6.71	16.55	0.09	1.1	0.043	0.57	4.3	31.0	4.16	1020	0.36	1.59	1.9	143.0
F060027		696	6.88	14.05	0.07	0.7	0.057	0.33	2.6	42.4	4.54	1130	0.19	1.43	1.4	149.5
F060028		127.5	7.42	13.40	0.06	0.7	0.047	0.15	2.8	30.8	4.69	1240	0.26	1.15	1.5	135.5
F060029		173.0	7.24	14.05	0.06	0.6	0.045	0.12	1.7	25.6	4.64	1235	0.38	1.09	1.2	154.5
F060030		160.0	7.27	14.50	0.05	0.6	0.050	0.14	1.7	26.1	4.57	1215	0.18	1.19	1.2	148.5
F060031		144.0	7.21	15.05	0.07	0.8	0.054	0.11	2.8	40.8	4.14	1225	0.25	1.15	1.9	125.5
F060032		81.4	6.82	13.25	0.06	0.5	0.038	0.26	1.5	39.4	4.49	1170	0.23	1.11	1.1	127.5
F060033		63.2	6.89	12.60	0.05	0.5	0.041	0.10	1.6	43.2	4.20	1165	0.64	1.27	1.1	130.5
F060034		77.8	6.55	12.65	0.08	0.6	0.039	0.77	2.3	56.3	3.90	1175	27.7	0.72	1.3	119.0
F060035		72.9	6.95	12.70	0.07	0.7	0.046	0.74	2.3	53.2	4.20	1225	26.4	0.96	1.2	127.0
F060036		73.5	6.13	13.55	0.08	0.9	0.035	0.89	4.7	50.8	3.61	1085	14.50	1.41	1.6	109.5
F060037		51.1	3.91	17.10	0.09	2.3	0.034	1.41	8.3	48.6	1.53	722	0.97	2.40	3.7	36.2
F060038		63.1	4.64	15.15	0.10	1.8	0.034	1.47	10.8	42.1	1.92	822	0.27	2.22	2.8	42.1
F060039		39.9	3.03	17.30	0.12	2.7	0.028	2.02	11.7	31.2	1.10	526	0.48	2.64	4.9	24.9
F060040		2.4	0.17	0.52	<0.05	0.1	<0.005	0.15	2.1	5.9	13.00	54	0.17	0.04	0.3	1.7



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F060001		210	1.9	2.7	0.002	0.02	1.01	43.3	<1	1.1	116.5	0.10	0.24	0.20	0.389	0.03
F060002		210	1.3	10.4	0.002	0.04	0.89	40.5	1	0.9	115.0	0.09	0.51	0.16	0.375	0.07
F060003		220	1.6	4.3	<0.002	0.07	1.19	43.4	1	0.7	137.0	0.09	0.72	0.14	0.383	0.04
F060004		210	1.4	2.6	<0.002	0.07	0.94	44.8	<1	0.8	118.5	0.09	<0.05	0.16	0.402	0.04
F060005		210	1.1	1.8	0.002	0.06	0.86	44.0	1	0.7	119.5	0.09	0.08	0.15	0.401	0.02
F060006		290	1.1	3.4	0.002	0.07	0.75	39.6	1	0.6	111.0	0.15	<0.05	0.26	0.486	0.03
F060007		220	0.8	6.1	<0.002	0.06	0.51	44.3	1	0.4	91.3	0.10	0.05	0.16	0.406	0.07
F060008		260	0.7	6.9	0.002	0.04	0.77	43.9	<1	0.6	104.0	0.10	0.05	0.15	0.403	0.05
F060009		240	0.6	17.8	0.002	0.03	0.64	45.0	<1	0.9	102.0	0.09	<0.05	0.16	0.395	0.14
F060010		10	1.2	2.7	<0.002	0.04	<0.05	0.4	1	<0.2	60.0	<0.05	<0.05	0.26	0.009	0.02
F060011		210	0.6	17.6	<0.002	0.01	0.61	45.4	1	0.9	110.5	0.09	0.05	0.15	0.375	0.09
F060012		230	0.8	9.3	<0.002	0.02	0.70	45.2	<1	0.6	112.0	0.09	0.08	0.15	0.404	0.05
F060013		250	0.8	3.4	<0.002	0.04	0.80	44.7	1	0.5	133.0	0.09	<0.05	0.16	0.419	0.03
F060014		230	0.8	4.9	0.002	0.05	0.81	41.4	<1	0.6	120.0	0.09	0.08	0.14	0.398	0.03
F060015		220	0.7	11.2	<0.002	0.05	0.51	41.7	<1	0.7	126.5	0.09	0.09	0.15	0.406	0.07
F060016		210	<0.5	19.6	<0.002	<0.01	0.39	39.4	<1	0.7	92.2	0.08	0.06	0.15	0.380	0.12
F060017		210	0.7	4.9	0.002	0.06	0.62	40.6	1	0.5	118.0	0.08	<0.05	0.15	0.372	0.05
F060018		190	0.6	3.7	<0.002	0.10	0.67	41.6	<1	0.8	130.0	0.08	<0.05	0.15	0.360	0.04
F060019		200	0.6	4.1	0.002	0.09	0.76	42.6	<1	0.6	124.0	0.08	0.05	0.15	0.373	0.04
F060020		1270	2520	42.9	0.016	1.25	217	20.7	6	2.1	368	1.12	0.30	2.40	0.524	0.45
F060021		190	1.7	4.3	<0.002	0.18	0.54	40.1	<1	0.6	88.1	0.08	0.05	0.14	0.345	0.04
F060022		220	0.7	5.5	<0.002	0.11	0.57	41.7	1	0.5	82.0	0.08	<0.05	0.15	0.369	0.05
F060023		210	0.8	15.4	<0.002	0.07	0.68	44.3	<1	0.6	113.5	0.08	0.05	0.14	0.371	0.11
F060024		200	0.7	9.7	<0.002	0.04	0.52	40.4	1	0.5	104.5	0.07	<0.05	0.13	0.363	0.09
F060025		190	0.6	36.3	0.003	0.02	0.34	41.5	<1	0.6	86.3	0.08	0.06	0.14	0.350	0.21
F060026		270	1.5	35.3	<0.002	0.10	0.60	39.6	1	0.7	153.0	0.15	0.10	0.62	0.365	0.23
F060027		230	0.8	23.6	<0.002	0.11	0.33	41.5	1	0.7	92.3	0.10	0.22	0.29	0.345	0.13
F060028		240	0.9	7.1	<0.002	0.08	0.49	45.4	1	0.5	99.6	0.09	0.05	0.34	0.369	0.06
F060029		200	0.6	5.8	0.002	0.08	0.46	46.3	1	0.6	97.6	0.07	0.16	0.14	0.352	0.04
F060030		200	0.7	6.8	0.002	0.08	0.51	46.8	1	0.6	98.7	0.08	0.32	0.14	0.351	0.05
F060031		270	0.8	5.7	<0.002	0.10	0.46	43.0	1	0.8	96.0	0.12	0.20	0.26	0.452	0.03
F060032		180	0.9	13.4	0.003	0.06	0.50	42.5	1	0.6	104.5	0.07	<0.05	0.13	0.327	0.11
F060033		190	1.3	4.4	0.003	0.07	0.58	43.0	1	0.5	109.5	0.07	<0.05	0.14	0.326	0.05
F060034		210	2.0	38.0	0.003	0.08	0.20	36.9	1	0.5	94.7	0.09	0.09	0.27	0.313	0.19
F060035		230	2.3	35.0	0.003	0.16	0.12	37.3	1	0.5	122.0	0.09	0.06	0.35	0.293	0.17
F060036		230	3.6	42.1	0.002	0.15	0.13	33.9	1	0.5	153.0	0.21	0.07	1.76	0.208	0.21
F060037		310	7.5	46.0	<0.002	0.03	0.18	16.2	1	0.7	203	0.58	<0.05	4.93	0.168	0.33
F060038		360	4.7	52.6	<0.002	0.10	0.13	18.5	1	0.6	180.5	0.33	<0.05	3.48	0.209	0.31
F060039		350	7.1	71.8	<0.002	0.16	0.15	11.7	1	1.0	150.0	0.89	<0.05	6.57	0.168	0.49
F060040		10	1.7	3.7	<0.002	0.07	<0.05	0.5	1	<0.2	63.3	<0.05	<0.05	0.37	0.010	0.02



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.1	1	0.1	0.1	2	0.5
F060001		0.1	249	5.5	15.3	52	24.3
F060002		<0.1	249	1.5	14.4	55	20.0
F060003		<0.1	255	2.2	15.5	59	23.5
F060004		<0.1	258	4.2	16.2	66	18.0
F060005		<0.1	254	0.8	16.0	65	20.8
F060006		0.1	259	0.7	17.3	72	50.0
F060007		<0.1	259	0.4	15.8	78	25.0
F060008		0.8	261	0.9	16.2	67	17.9
F060009		0.8	268	1.1	15.8	53	22.0
F060010		0.1	3	0.1	1.8	<2	2.3
F060011		<0.1	250	1.2	16.6	50	22.1
F060012		<0.1	257	0.9	15.7	64	18.3
F060013		<0.1	274	1.1	16.3	70	20.4
F060014		<0.1	258	1.5	15.8	67	16.0
F060015		<0.1	260	2.7	15.2	66	17.5
F060016		<0.1	246	0.9	14.5	49	15.4
F060017		<0.1	249	1.4	14.9	67	18.1
F060018		<0.1	233	2.1	15.4	70	18.5
F060019		<0.1	252	7.5	16.2	64	18.5
F060020		1.5	205	16.1	13.6	3970	27.9
F060021		<0.1	240	41.2	14.2	70	17.0
F060022		<0.1	243	1.7	14.4	66	15.2
F060023		<0.1	252	1.3	15.5	55	19.8
F060024		0.1	246	1.1	14.2	62	18.6
F060025		<0.1	237	0.9	14.6	48	15.2
F060026		0.2	229	1.0	15.1	51	32.0
F060027		0.1	226	2.2	14.6	62	20.4
F060028		0.1	240	1.3	15.6	67	21.3
F060029		<0.1	244	1.1	15.1	60	19.0
F060030		<0.1	247	1.2	15.4	57	15.8
F060031		0.1	249	3.5	17.2	64	22.7
F060032		<0.1	229	0.8	14.1	62	18.2
F060033		<0.1	224	1.4	14.2	60	14.0
F060034		0.2	211	2.9	13.2	64	18.8
F060035		0.1	217	1.6	10.7	71	19.0
F060036		0.8	188	2.1	5.8	66	29.7
F060037		2.1	101	1.1	6.3	60	66.7
F060038		1.2	130	1.4	5.5	61	62.5
F060039		2.1	86	3.8	5.4	41	87.1
F060040		0.2	3	0.1	1.9	<2	3.3



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
F060041		2.16	0.004		0.05	6.77	1.2	300	1.22	0.08	2.92	0.04	27.0	9.5	29	2.02
F060042		1.45	0.003		0.09	6.46	0.3	270	0.71	0.11	3.78	0.04	19.05	19.8	96	1.26
F060043		2.66	0.002		0.09	6.44	0.5	260	0.66	0.15	3.72	0.05	25.8	14.3	59	1.58
F060044		1.72	0.001		0.08	6.89	0.9	290	1.02	0.16	1.85	0.04	21.4	5.5	12	2.04
F060045		1.77	<0.001		0.09	6.79	0.8	290	0.86	0.15	1.74	0.03	22.0	5.2	12	2.07
F060046		2.01	<0.001		0.06	6.84	1.1	310	0.86	0.13	1.78	0.05	27.4	4.4	12	2.27
F060047		2.69	0.001		0.14	7.21	0.8	310	0.85	0.37	2.23	0.05	26.9	9.0	20	2.25
F060048		2.46	<0.001		0.21	7.52	1.0	400	1.00	0.77	2.05	0.06	35.1	6.3	15	2.72
F060049		2.08	<0.001		0.18	6.95	0.6	320	0.91	0.76	1.64	0.04	25.2	3.9	11	2.11
F060050		0.11	1.190		74.3	6.80	50.3	260	1.25	2.56	2.00	17.70	31.7	22.7	134	2.26
F060051		2.05	0.001		0.24	7.14	0.8	320	0.78	0.54	1.50	0.05	17.40	4.1	16	1.81
F060052		2.09	0.029		0.19	6.85	0.4	420	0.79	0.56	1.90	0.06	24.9	5.2	14	2.18
F060053		1.90	0.002		0.05	6.86	0.8	540	0.78	0.11	1.48	0.03	26.3	3.0	10	1.81
F060054		1.71	0.013		0.03	7.11	2.0	470	0.87	0.06	1.98	0.04	29.9	6.6	14	1.68
F060055		5.01	<0.001		0.06	7.05	2.0	560	0.80	0.11	1.66	0.02	25.1	3.6	13	1.45
F060056		2.14	0.003		0.04	6.72	1.3	710	0.80	0.06	1.69	0.02	29.7	3.2	12	1.15
F060057		2.27	<0.001		0.06	6.59	0.8	620	0.74	0.06	1.48	0.03	49.2	3.5	12	1.24
F060058		1.93	<0.001		0.02	6.83	1.2	630	0.86	0.05	1.50	0.02	23.2	3.9	14	1.18
F060059		2.18	<0.001		0.04	6.86	0.7	630	0.80	0.05	1.45	0.04	26.5	3.1	12	1.26
F060060		<0.02	0.005		0.06	6.86	0.8	630	0.77	0.06	1.45	0.04	31.8	3.1	16	1.27
F060061		2.21	0.004		0.05	8.06	2.9	430	0.72	0.09	3.27	0.04	26.9	11.4	11	1.19
F060062		2.20	<0.001		0.03	6.98	0.6	440	0.87	0.05	1.85	0.03	27.7	4.5	13	1.41
F060063		3.26	0.001		0.09	7.55	9.1	60	0.22	0.05	6.79	0.05	8.01	40.8	315	0.39
F060064		2.13	<0.001		0.03	7.23	0.6	500	0.76	0.05	1.58	0.04	27.5	3.4	19	1.23
F060065		2.15	<0.001		0.14	7.09	0.9	590	0.82	0.34	1.56	0.02	14.75	3.5	13	1.49
F060066		2.31	0.002		0.25	7.75	0.3	340	0.81	0.17	2.07	0.03	16.25	6.9	12	1.54
F060067		2.09	<0.001		0.09	7.20	0.9	390	0.95	0.10	1.64	0.05	20.3	4.3	13	1.06
F060068		1.82	<0.001		0.09	7.36	0.4	470	0.85	0.10	1.63	0.04	18.05	4.6	16	1.10
F060069		2.21	<0.001		0.04	7.19	1.9	660	0.76	0.05	1.64	0.04	29.1	3.8	12	0.98
F060070		0.72	<0.001		0.01	0.15	0.7	10	<0.05	0.01	21.1	<0.02	2.53	0.6	3	0.09
F060071		2.17	<0.001		0.02	7.45	<0.2	660	0.76	0.05	1.82	0.03	15.25	3.7	17	1.27
F060072		1.73	<0.001		0.04	7.27	0.4	690	0.72	0.07	1.66	0.03	36.4	3.7	22	1.44
F060073		2.31	<0.001		0.08	6.72	<0.2	30	0.51	0.06	3.30	0.04	25.8	40.7	629	3.92
F060074		2.01	<0.001		0.07	6.63	<0.2	20	0.47	0.05	2.80	0.04	25.4	39.8	614	4.67
F060075		2.69	<0.001		0.04	7.06	0.2	540	0.76	0.03	1.54	0.02	17.10	3.5	27	1.50
F060076		1.05	<0.001		0.07	6.81	0.6	450	0.74	0.09	1.22	0.04	18.00	1.9	11	1.18
F060077		2.20	<0.001		0.03	7.53	0.6	430	0.74	0.04	2.28	0.03	22.3	5.2	15	1.09
F060078		2.54	<0.001		0.10	8.30	0.7	440	0.78	0.26	3.49	0.06	26.9	13.1	17	1.10
F060079		2.08	<0.001		0.05	7.28	0.7	310	0.83	0.05	2.24	0.04	25.5	5.9	10	1.28
F060080		0.11	0.515		0.57	7.45	4.5	880	1.02	1.24	1.88	0.08	26.8	6.0	21	0.50



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F060041		33.0	2.26	17.25	0.09	3.2	0.023	1.98	11.3	22.9	0.78	481	1.17	3.08	6.6	17.9
F060042		42.9	3.80	17.05	0.09	1.9	0.031	1.42	7.7	51.6	1.80	694	0.46	2.36	3.6	51.0
F060043		38.4	3.02	15.90	0.10	1.7	0.026	1.74	10.9	39.8	1.28	612	0.46	2.36	4.4	33.8
F060044		28.6	1.55	16.75	0.10	2.4	0.014	2.17	9.2	24.3	0.44	293	0.95	2.70	5.7	7.9
F060045		13.4	1.42	15.70	0.10	1.9	0.016	2.53	9.1	28.2	0.40	326	0.81	2.72	6.5	9.0
F060046		13.8	1.39	15.75	0.11	2.0	0.012	2.65	11.6	32.8	0.36	342	0.73	2.53	6.1	6.7
F060047		11.9	2.06	17.40	0.12	2.0	0.015	2.66	11.0	47.8	0.77	565	2.17	2.62	4.7	21.6
F060048		14.2	1.90	18.25	0.14	2.6	0.020	2.88	16.4	46.4	0.51	433	1.91	2.49	6.3	9.6
F060049		11.0	1.26	16.20	0.11	2.0	0.014	2.58	10.5	33.7	0.35	305	3.35	2.84	5.5	6.4
F060050		7280	5.22	17.60	0.14	0.9	0.220	2.32	14.6	13.8	2.03	754	268	1.66	7.5	144.0
F060051		19.0	1.27	15.30	0.10	1.7	0.011	2.56	7.7	29.4	0.32	272	2.44	3.10	4.7	6.4
F060052		16.9	1.47	15.95	0.11	2.0	0.013	2.38	10.5	37.3	0.41	341	1.66	2.76	5.5	7.6
F060053		7.9	1.20	14.45	0.09	2.1	0.010	2.40	11.3	23.2	0.28	269	0.56	2.89	4.7	4.2
F060054		14.2	1.96	17.35	0.10	2.0	0.016	2.46	12.8	30.7	0.41	344	1.29	2.64	5.3	6.2
F060055		8.3	1.34	15.80	0.11	1.8	0.010	2.69	10.8	26.1	0.32	319	0.69	2.65	4.9	5.7
F060056		6.7	1.30	14.50	0.11	1.7	0.013	2.77	12.3	23.4	0.31	336	0.71	2.52	4.8	5.3
F060057		20.0	1.24	14.40	0.12	2.1	0.012	2.33	24.8	21.4	0.28	269	0.69	2.58	5.4	4.3
F060058		7.2	1.21	15.05	0.10	1.8	0.017	2.92	9.8	24.0	0.30	293	0.78	2.65	5.2	5.8
F060059		5.4	1.09	14.70	0.11	1.7	0.009	2.82	11.2	22.1	0.26	275	0.69	2.72	4.3	4.5
F060060		6.5	1.14	14.70	0.12	1.5	0.010	2.83	15.0	22.2	0.26	274	0.95	2.74	4.4	4.8
F060061		16.8	3.12	19.35	0.10	2.2	0.025	1.84	11.1	38.6	0.78	488	0.74	2.90	5.3	8.9
F060062		9.2	1.49	15.75	0.11	2.1	0.012	2.50	11.7	28.3	0.38	359	0.49	2.66	5.4	11.7
F060063		89.6	7.35	14.25	0.07	0.8	0.048	0.46	3.3	77.6	5.36	1335	0.41	1.34	1.2	176.0
F060064		8.9	1.33	15.20	0.11	1.7	0.013	2.97	13.2	24.8	0.34	311	0.98	2.81	6.0	5.9
F060065		10.7	1.35	15.65	0.09	1.9	0.012	3.06	6.7	26.9	0.35	303	1.34	2.77	5.3	5.8
F060066		37.0	2.33	16.85	0.09	2.3	0.020	2.37	7.4	33.5	0.53	443	1.04	3.14	5.2	6.4
F060067		18.6	1.62	16.45	0.11	2.4	0.015	2.55	9.0	26.9	0.38	360	0.80	2.99	9.6	5.1
F060068		27.7	1.73	16.45	0.10	2.1	0.015	2.42	8.4	29.6	0.39	372	1.09	3.10	7.2	5.3
F060069		16.9	1.38	15.20	0.11	1.7	0.014	2.98	13.4	22.6	0.33	318	0.69	2.83	5.5	5.3
F060070		1.1	0.15	0.40	0.24	0.1	<0.005	0.13	1.7	5.0	13.05	49	0.32	0.03	0.3	1.2
F060071		5.1	1.44	14.70	0.19	1.4	0.015	3.12	7.2	23.1	0.39	347	0.90	2.92	5.1	6.0
F060072		18.8	1.42	14.95	0.17	1.7	0.016	3.09	17.0	27.1	0.41	332	0.99	2.81	5.2	8.4
F060073		31.6	4.84	11.80	0.10	1.9	0.023	0.43	12.6	123.0	7.51	821	0.44	1.48	1.7	414
F060074		28.0	4.80	12.30	0.09	1.9	0.023	0.39	12.2	126.0	7.27	761	0.63	1.53	1.7	399
F060075		11.4	1.33	15.35	0.10	2.1	0.010	2.87	8.1	25.5	0.39	316	1.31	3.02	5.9	9.4
F060076		8.3	0.84	15.60	0.10	2.0	0.008	3.29	8.7	20.5	0.17	223	0.65	3.06	5.3	3.0
F060077		8.5	1.81	18.15	0.12	2.1	0.016	1.74	11.0	33.5	0.50	301	0.83	3.21	4.8	10.0
F060078		35.0	3.49	21.7	0.14	2.1	0.029	1.83	11.0	42.6	0.92	518	0.59	3.15	6.1	14.3
F060079		10.0	1.88	18.05	0.10	2.7	0.013	1.64	12.5	34.7	0.46	291	0.56	3.20	5.1	6.2
F060080		49.2	2.31	14.95	0.14	2.0	0.034	1.78	13.6	3.6	0.52	652	2.33	3.40	6.4	12.0



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F060041		310	4.8	73.3	<0.002	0.09	0.13	9.2	1	1.3	133.5	1.37	0.05	7.62	0.139	0.50
F060042		330	7.8	37.3	<0.002	0.05	0.19	16.7	1	0.7	186.0	0.42	<0.05	2.84	0.221	0.31
F060043		360	8.4	47.0	<0.002	0.04	0.14	11.7	1	0.7	228	0.52	<0.05	3.93	0.164	0.34
F060044		240	17.6	82.6	<0.002	0.10	0.12	4.3	1	0.5	183.5	1.04	0.05	9.21	0.113	0.45
F060045		230	16.0	83.6	<0.002	0.06	0.12	4.0	1	0.7	182.0	1.06	<0.05	6.49	0.106	0.49
F060046		210	11.9	91.0	<0.002	0.03	0.12	3.9	1	0.7	184.0	0.91	<0.05	7.18	0.097	0.50
F060047		250	13.4	84.0	<0.002	0.08	0.12	7.8	1	0.7	178.0	0.71	0.09	6.03	0.128	0.50
F060048		300	12.5	101.5	<0.002	0.11	0.12	5.5	1	0.8	163.5	0.84	0.21	7.03	0.148	0.51
F060049		190	14.0	85.9	<0.002	0.07	0.12	3.7	1	0.7	162.0	0.92	0.19	6.01	0.089	0.48
F060050		670	1525	89.5	0.124	2.42	137.5	9.3	6	4.7	372	0.50	0.42	5.22	0.233	1.52
F060051		180	17.7	78.1	<0.002	0.11	0.21	3.1	<1	0.5	174.5	0.69	0.12	6.49	0.083	0.42
F060052		210	13.8	84.1	<0.002	0.10	0.20	3.8	1	0.7	191.0	0.75	0.10	6.28	0.110	0.45
F060053		180	10.7	70.5	<0.002	0.03	0.20	2.7	<1	0.6	195.0	0.63	<0.05	7.19	0.086	0.40
F060054		320	10.8	73.4	<0.002	0.05	0.24	4.5	1	0.6	222	0.80	<0.05	5.81	0.163	0.40
F060055		210	13.0	76.4	<0.002	0.01	0.18	3.3	1	0.7	196.0	0.72	<0.05	5.65	0.106	0.37
F060056		200	10.2	69.0	<0.002	0.03	0.19	3.5	1	0.6	199.0	0.57	<0.05	6.51	0.098	0.36
F060057		210	10.2	64.9	<0.002	0.01	0.15	2.8	<1	0.6	189.0	0.82	<0.05	8.09	0.100	0.36
F060058		170	11.0	74.5	<0.002	0.01	0.13	3.2	1	0.7	185.0	0.84	<0.05	5.02	0.090	0.42
F060059		170	12.4	74.9	<0.002	0.02	0.14	2.5	1	0.6	191.5	0.58	<0.05	6.25	0.082	0.40
F060060		160	11.2	74.6	<0.002	0.02	0.16	2.5	<1	0.6	191.0	0.57	<0.05	6.57	0.082	0.39
F060061		590	6.4	58.5	<0.002	0.04	0.24	7.5	1	0.5	360	0.53	<0.05	3.31	0.317	0.34
F060062		250	10.2	79.0	<0.002	0.01	0.15	3.1	<1	0.7	200	0.73	<0.05	6.00	0.111	0.42
F060063		260	2.5	14.1	<0.002	0.03	0.44	39.7	<1	0.4	147.0	0.09	<0.05	0.62	0.338	0.08
F060064		200	10.0	75.7	<0.002	0.01	0.11	2.7	<1	0.6	141.5	0.62	<0.05	7.49	0.097	0.41
F060065		190	13.8	78.1	<0.002	0.09	0.12	2.5	<1	0.6	168.0	0.43	<0.05	4.91	0.100	0.42
F060066		290	5.5	71.3	<0.002	0.05	0.13	5.1	<1	0.7	190.5	0.58	<0.05	3.74	0.185	0.36
F060067		190	9.6	64.1	<0.002	0.01	0.17	3.5	<1	0.9	208	1.34	<0.05	7.12	0.134	0.35
F060068		220	11.4	62.9	<0.002	0.04	0.16	3.5	<1	0.8	211	1.02	<0.05	5.19	0.143	0.33
F060069		210	12.4	66.2	<0.002	0.01	0.16	3.2	<1	0.7	223	0.69	<0.05	6.67	0.103	0.38
F060070		<10	1.3	2.5	<0.002	0.07	<0.05	0.3	<1	<0.2	59.1	<0.05	<0.05	0.28	0.007	0.02
F060071		200	9.9	77.4	<0.002	0.01	0.12	3.7	<1	0.7	186.5	0.57	<0.05	5.88	0.105	0.41
F060072		200	6.4	74.6	<0.002	0.01	0.09	3.3	<1	0.7	211	0.57	<0.05	8.71	0.098	0.40
F060073		470	14.6	30.8	<0.002	<0.01	0.09	18.6	<1	0.4	255	0.14	<0.05	2.30	0.139	0.32
F060074		460	6.7	30.0	<0.002	<0.01	0.09	18.6	<1	0.4	229	0.15	<0.05	2.30	0.138	0.33
F060075		150	8.4	75.5	<0.002	0.01	0.07	2.6	<1	0.5	187.0	0.75	<0.05	4.80	0.096	0.38
F060076		100	22.6	86.7	<0.002	0.05	0.08	2.0	<1	0.4	111.0	0.78	<0.05	10.80	0.063	0.49
F060077		300	7.7	53.6	<0.002	0.01	0.08	3.7	<1	0.7	342	0.57	<0.05	3.46	0.166	0.32
F060078		610	9.8	41.9	<0.002	0.09	0.12	8.9	<1	0.7	375	0.61	<0.05	3.58	0.340	0.30
F060079		340	6.9	52.0	<0.002	0.03	0.08	2.3	<1	0.5	260	0.73	<0.05	4.59	0.168	0.30
F060080		480	9.9	37.8	<0.002	0.04	0.89	7.6	<1	1.0	206	0.44	0.26	3.09	0.206	0.17



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Sample Description	Method Analyte Units LOD	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F060041		2.2	69	1.8	6.1	34	98.6
F060042		1.1	104	1.6	8.0	57	62.5
F060043		1.3	76	3.4	7.1	48	53.6
F060044		8.9	28	1.3	5.4	26	58.5
F060045		3.2	24	1.5	5.3	29	52.0
F060046		2.6	22	1.5	4.8	28	53.3
F060047		2.6	39	104.5	5.7	53	56.5
F060048		2.9	31	34.8	6.2	40	82.7
F060049		2.6	21	1.5	5.4	25	53.0
F060050		1.9	102	12.3	11.2	3270	27.8
F060051		2.8	19	1.2	4.8	27	44.2
F060052		2.4	24	3.2	4.9	32	59.6
F060053		2.0	16	1.2	4.6	23	56.4
F060054		2.7	31	1.6	6.1	39	67.3
F060055		2.0	20	0.9	5.2	31	50.2
F060056		1.6	19	1.0	6.4	26	49.4
F060057		2.4	17	0.6	6.4	29	61.1
F060058		2.2	17	0.4	7.4	28	47.7
F060059		1.7	16	0.5	5.5	26	49.2
F060060		1.8	16	0.6	5.4	28	43.6
F060061		1.7	62	0.9	8.6	59	86.2
F060062		1.9	21	0.9	7.0	33	59.7
F060063		0.2	228	0.9	14.3	84	30.4
F060064		2.3	20	0.8	6.6	28	45.7
F060065		1.6	21	1.2	4.2	30	52.2
F060066		1.6	38	1.1	7.3	45	82.9
F060067		3.4	25	0.3	9.3	33	67.2
F060068		2.1	27	0.6	7.9	36	64.4
F060069		2.6	22	0.4	6.7	32	49.5
F060070		0.1	1	<0.1	1.6	<2	2.2
F060071		2.3	22	0.6	6.1	32	41.3
F060072		2.2	21	0.3	5.9	27	51.4
F060073		0.7	88	0.3	4.5	67	75.1
F060074		0.7	85	0.3	4.1	68	75.2
F060075		1.8	19	0.3	5.7	26	63.3
F060076		6.5	13	0.4	5.9	13	53.3
F060077		1.5	27	0.2	6.6	43	75.3
F060078		1.9	68	0.3	10.2	62	81.4
F060079		1.6	30	0.8	4.8	38	80.0
F060080		1.4	38	18.4	18.5	48	62.8





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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
F060081		2.80	0.005		0.05	7.12	0.3	690	0.77	0.10	1.80	0.05	22.7	4.0	13	1.46
F060082		2.28	<0.001		0.05	7.29	<0.2	780	0.77	0.09	1.64	0.05	29.4	3.8	13	1.60
F060083		2.39	<0.001		0.03	7.26	<0.2	630	0.90	0.07	1.80	0.03	33.1	4.6	15	1.62
F060084		1.29	0.003		0.08	7.13	1.8	280	0.95	0.18	4.92	0.06	39.9	31.5	224	1.44
F060085		2.10	0.001		0.04	7.42	0.3	610	0.85	0.11	1.86	0.03	30.0	4.6	14	1.88
F060086		1.24	0.002		0.06	7.37	0.6	600	0.94	0.11	1.78	0.03	36.1	4.9	16	2.30
F060087		0.90	0.001		0.05	6.60	0.6	250	0.85	0.13	6.46	0.07	37.3	26.5	209	0.80
F060088		1.70	<0.001		0.03	7.07	0.2	690	0.70	0.05	1.41	0.03	21.1	3.0	24	1.25
F060089		2.49	0.006		0.10	7.27	1.1	390	0.71	0.04	2.13	0.03	13.85	3.8	18	0.89
F060090		<0.02	0.004		0.09	7.33	1.0	380	0.71	0.05	2.13	0.03	12.85	3.7	49	0.92
F060091		2.25	<0.001		0.03	7.26	0.2	290	0.64	0.03	2.44	0.04	8.73	4.7	15	1.04
F060092		2.37	<0.001		0.08	7.77	0.9	290	0.70	0.08	2.54	0.03	15.55	5.3	11	0.85
F060093		2.44	<0.001		0.08	8.17	0.4	330	0.66	0.04	2.54	0.04	20.5	6.2	15	1.13
F060094		0.97	<0.001		0.08	7.06	0.2	110	1.04	0.02	0.87	<0.02	15.25	1.0	7	0.48
F060095		3.00	<0.001		0.13	7.54	0.7	310	0.64	0.07	2.80	0.04	13.55	5.1	15	1.28
F060096		0.54	<0.001		0.19	6.47	<0.2	290	0.96	0.19	0.77	0.06	8.24	0.5	13	0.71
F060097		2.38	<0.001		0.20	7.28	1.8	270	0.70	0.06	2.59	0.05	17.55	5.7	17	0.98
F060098		2.52	<0.001		0.05	7.45	0.6	240	0.80	0.08	2.65	0.05	16.10	5.4	15	0.85
F060099		2.40	<0.001		0.13	7.15	0.6	340	0.83	0.12	2.37	0.06	21.9	4.6	15	1.55
F060100		0.59	<0.001		<0.01	0.06	<0.2	20	0.06	<0.01	34.4	<0.02	0.90	1.1	2	<0.05
F060101		2.53	<0.001		0.18	7.60	0.9	350	0.69	0.07	2.33	0.04	28.2	4.5	18	1.11
F060199		2.05	<0.001		0.15	7.30	16.9	400	0.66	0.05	0.23	0.06	37.1	11.3	4	1.44
F060200		0.11	0.479		0.25	6.74	4.8	800	1.06	1.16	1.72	0.07	28.6	5.6	14	0.51
F060201		1.80	0.001		0.34	7.34	39.5	320	0.52	0.09	0.21	0.50	29.4	21.8	99	1.42
F060202		1.20	<0.001		0.48	6.49	40.4	280	0.46	0.02	0.17	0.34	19.80	23.0	160	1.18
F060203		1.67	0.001		0.21	7.50	7.4	280	0.68	0.03	0.52	0.10	30.0	23.6	91	1.13
F060204		1.74	<0.001		0.28	6.68	21.7	200	0.65	0.03	0.45	0.06	26.9	55.4	74	0.82
F060205		1.38	0.001		0.28	7.97	45.4	320	0.81	0.04	0.29	0.10	34.8	36.0	172	1.28
F060206		2.02	<0.001		0.33	7.06	17.3	240	0.59	0.03	0.30	0.11	43.8	43.4	181	1.01
F060207		1.75	<0.001		0.24	8.03	9.2	270	0.82	0.04	0.38	0.07	54.8	45.0	145	1.05
F060208		1.89	<0.001		0.22	7.53	6.5	260	0.84	0.02	0.41	0.11	53.2	28.2	151	1.08
F060209		2.27	0.002		0.44	7.67	19.5	380	0.94	0.05	0.39	0.12	56.3	54.7	145	1.24
F060210		<0.02	0.001		0.39	7.26	19.1	360	0.88	0.04	0.37	0.11	53.9	53.3	139	1.18
F060211		2.21	<0.001		0.31	7.23	11.6	340	0.93	0.02	0.41	0.12	52.0	55.6	134	1.12
F060212		2.41	<0.001		0.29	7.11	19.0	290	0.83	0.03	0.32	0.13	45.1	57.6	123	1.25
F060213		2.10	<0.001		0.42	7.51	22.4	350	0.78	0.16	0.63	0.10	34.9	25.4	101	1.20
F060214		2.32	<0.001		0.25	7.72	17.9	280	0.70	0.06	0.21	0.08	32.1	18.0	35	1.54
F060215		1.72	<0.001		0.31	7.85	23.0	150	0.55	0.13	0.49	0.13	27.7	50.9	82	0.93
F060216		2.05	<0.001		0.17	7.32	10.9	270	0.76	0.05	2.29	0.08	29.2	36.3	35	1.13
F060217		1.30	<0.001		0.13	7.98	11.7	320	0.67	0.04	0.26	0.03	30.0	22.5	29	1.68



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F060081		8.0	1.39	15.75	0.12	1.8	0.013	2.86	10.4	37.0	0.35	300	0.74	2.79	4.7	6.0
F060082		5.9	1.42	15.55	0.12	1.7	0.013	3.08	13.0	39.7	0.37	303	0.73	2.74	5.0	6.3
F060083		11.0	1.58	17.40	0.13	2.1	0.014	2.64	15.0	45.9	0.42	332	0.96	2.98	6.1	7.1
F060084		62.7	5.81	17.55	0.13	2.4	0.049	0.83	19.6	82.6	3.87	1110	0.24	2.42	4.5	61.2
F060085		11.9	1.58	16.20	0.12	2.0	0.019	2.69	13.6	46.3	0.45	323	0.90	3.01	5.9	7.6
F060086		15.4	1.62	16.90	0.11	1.9	0.018	2.77	16.6	46.8	0.46	357	1.10	2.80	6.1	8.1
F060087		69.7	5.12	16.25	0.12	2.2	0.043	0.56	18.4	64.5	3.52	1150	0.20	2.34	4.2	55.4
F060088		8.0	1.17	14.60	0.10	1.9	0.008	2.95	10.4	27.9	0.31	244	1.28	2.89	4.2	4.9
F060089		6.2	1.48	17.05	0.08	3.2	0.011	1.16	7.5	28.6	0.41	225	1.16	3.43	4.2	10.4
F060090		5.6	1.39	18.30	0.10	2.8	0.013	1.12	7.0	28.5	0.37	209	4.06	3.45	3.7	10.2
F060091		4.7	1.50	16.75	0.08	1.5	0.009	1.36	4.7	29.8	0.45	241	0.99	3.06	2.7	11.2
F060092		14.4	1.66	18.95	0.08	1.5	0.015	1.07	8.0	31.4	0.53	269	0.48	3.56	3.0	13.9
F060093		14.4	1.84	19.50	0.09	1.8	0.015	1.51	10.4	38.5	0.61	288	0.76	3.37	3.2	16.8
F060094		12.2	0.55	18.75	0.09	2.1	0.007	0.79	6.6	10.4	0.10	113	0.50	4.97	4.2	2.1
F060095		10.4	1.69	18.20	0.08	1.5	0.013	1.59	6.8	38.2	0.53	354	0.78	3.10	3.2	15.2
F060096		3.4	0.42	15.35	0.06	0.9	0.005	1.91	3.7	6.6	0.07	95	1.02	4.06	3.1	1.0
F060097		12.4	1.67	17.90	0.07	1.5	0.013	1.13	8.2	34.3	0.52	316	0.94	3.11	2.7	15.0
F060098		9.9	1.70	19.10	0.06	1.6	0.016	0.90	7.5	34.5	0.53	332	0.75	3.31	3.2	15.0
F060099		12.6	1.55	17.85	0.07	1.7	0.016	1.54	10.5	40.2	0.46	317	0.89	2.84	2.8	12.5
F060100		1.2	0.08	0.16	<0.05	<0.1	<0.005	0.01	1.1	0.9	0.93	73	0.11	0.03	0.1	<0.2
F060101		11.4	1.56	18.45	0.07	1.6	0.015	1.44	13.6	47.3	0.48	314	0.92	3.25	3.9	11.6
F060199		10.4	2.22	19.35	0.12	3.8	0.023	2.73	18.6	22.7	0.72	1835	0.74	0.29	3.3	11.7
F060200		40.4	2.12	13.95	0.11	2.1	0.034	1.62	13.7	3.6	0.47	620	2.11	3.08	5.7	9.8
F060201		42.7	3.71	18.50	0.11	2.6	0.028	2.22	14.2	43.7	0.97	1050	0.36	0.31	2.4	55.9
F060202		67.6	3.49	14.70	0.08	1.7	0.034	1.66	8.7	58.8	1.58	950	0.16	0.22	1.2	70.8
F060203		40.0	3.62	18.35	0.10	2.6	0.028	1.72	13.6	68.8	1.67	1930	0.32	0.32	1.6	60.1
F060204		28.6	6.08	16.45	0.09	2.1	0.024	1.12	12.3	56.2	1.51	3190	0.93	0.26	1.2	115.0
F060205		45.5	4.80	20.0	0.12	2.9	0.033	2.23	16.4	46.2	1.20	2780	0.73	0.34	2.1	85.9
F060206		69.5	4.94	18.35	0.12	3.1	0.031	1.85	20.3	48.3	1.88	5420	0.73	0.19	2.8	107.0
F060207		68.8	6.08	20.4	0.15	3.6	0.038	1.85	24.9	60.6	2.15	4030	0.62	0.25	3.5	120.5
F060208		47.7	5.24	19.60	0.13	3.4	0.037	1.66	23.3	67.6	2.06	1780	0.81	0.30	5.2	99.6
F060209		75.8	5.23	20.8	0.16	3.7	0.048	2.16	25.0	50.1	1.60	3300	0.80	0.28	4.4	125.0
F060210		70.1	5.05	19.45	0.15	3.6	0.048	2.03	23.4	47.8	1.52	3140	0.77	0.26	4.6	118.5
F060211		58.5	5.33	19.55	0.13	3.5	0.035	1.93	22.6	52.7	1.75	4100	0.51	0.22	4.2	115.5
F060212		52.8	5.11	18.85	0.14	3.3	0.037	1.95	20.7	51.2	1.67	3990	0.53	0.22	2.8	110.0
F060213		43.9	3.63	18.95	0.11	3.0	0.028	2.26	16.4	47.0	1.76	1545	0.86	0.26	2.3	57.8
F060214		37.1	3.04	19.15	0.12	3.0	0.029	2.67	15.4	33.7	1.08	1505	0.56	0.29	2.7	33.2
F060215		46.4	7.61	21.4	0.10	2.5	0.049	1.40	11.7	59.2	2.35	3440	0.75	0.64	2.6	74.5
F060216		36.5	4.51	20.4	0.11	2.6	0.032	1.85	11.7	45.7	1.82	2480	0.56	0.91	3.0	40.7
F060217		17.8	3.56	19.90	0.13	3.1	0.025	2.79	13.7	38.1	1.69	2570	0.65	0.18	2.4	27.9



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F060081		210	11.1	72.9	<0.002	0.02	0.05	2.9	<1	0.6	178.5	0.68	<0.05	5.41	0.108	0.43
F060082		230	8.6	77.9	<0.002	0.02	0.05	3.0	<1	0.7	193.5	0.59	<0.05	6.10	0.109	0.44
F060083		260	6.8	73.2	<0.002	0.03	0.07	3.4	<1	0.8	239	0.71	<0.05	7.23	0.122	0.40
F060084		1320	7.4	28.6	<0.002	0.41	0.25	23.9	1	0.9	426	0.36	<0.05	4.80	0.378	0.20
F060085		280	4.7	78.3	<0.002	0.07	0.07	3.6	<1	0.8	220	0.68	<0.05	5.52	0.127	0.42
F060086		280	4.2	90.7	<0.002	0.06	0.08	4.2	<1	0.9	183.0	0.73	<0.05	6.95	0.127	0.47
F060087		1150	7.7	17.2	<0.002	0.18	0.21	21.2	<1	0.9	518	0.35	<0.05	4.07	0.332	0.11
F060088		180	8.0	70.2	<0.002	0.04	0.07	2.3	<1	0.5	205	0.58	<0.05	5.34	0.081	0.39
F060089		250	7.7	33.0	<0.002	0.01	0.11	2.4	<1	0.6	389	0.57	<0.05	2.08	0.131	0.19
F060090		220	7.8	34.8	<0.002	0.01	0.12	2.3	1	0.6	387	0.50	<0.05	1.86	0.117	0.19
F060091		250	4.5	39.0	<0.002	<0.01	0.10	1.8	<1	0.4	395	0.30	<0.05	1.22	0.141	0.23
F060092		300	5.4	27.8	<0.002	0.01	0.09	3.2	<1	0.5	451	0.35	<0.05	1.70	0.149	0.18
F060093		350	4.6	43.6	<0.002	0.02	0.09	3.6	<1	0.5	384	0.36	<0.05	2.35	0.167	0.25
F060094		90	10.3	21.7	<0.002	0.05	<0.05	1.7	<1	0.3	189.0	1.13	<0.05	6.29	0.034	0.11
F060095		310	5.8	45.6	<0.002	<0.01	0.11	2.8	<1	0.5	400	0.34	<0.05	1.59	0.151	0.27
F060096		50	16.3	32.9	<0.002	0.02	<0.05	1.0	<1	0.3	165.0	0.91	<0.05	2.62	0.023	0.20
F060097		310	7.0	33.3	<0.002	<0.01	0.13	3.2	<1	0.4	423	0.25	<0.05	1.53	0.145	0.20
F060098		320	6.3	27.9	<0.002	<0.01	0.09	3.5	1	0.5	440	0.37	<0.05	1.59	0.154	0.17
F060099		310	6.4	51.3	<0.002	0.03	0.08	3.6	1	0.5	344	0.35	<0.05	1.83	0.140	0.28
F060100		60	<0.5	0.4	<0.002	<0.01	<0.05	0.2	1	<0.2	88.3	<0.05	<0.05	0.05	<0.005	<0.02
F060101		320	7.2	41.3	<0.002	0.01	0.07	3.7	1	0.8	366	0.38	<0.05	4.11	0.137	0.22
F060199		570	4.8	91.6	<0.002	0.28	2.52	3.8	<1	0.7	31.5	0.26	<0.05	4.09	0.143	1.11
F060200		450	9.3	38.8	<0.002	0.04	0.75	7.4	1	1.0	189.0	0.41	0.26	3.08	0.187	0.17
F060201		610	5.7	72.5	<0.002	0.60	3.71	13.4	1	0.7	34.9	0.19	<0.05	2.41	0.171	0.95
F060202		550	3.8	52.2	<0.002	0.13	7.83	19.7	1	0.4	21.4	0.09	<0.05	1.30	0.143	0.68
F060203		670	4.6	51.2	<0.002	0.06	3.63	12.5	1	0.5	31.7	0.12	<0.05	2.36	0.131	0.50
F060204		540	3.6	34.3	<0.002	0.35	4.27	10.9	1	0.4	25.7	0.09	<0.05	2.16	0.104	0.49
F060205		660	5.8	61.5	<0.002	0.99	2.24	18.5	1	0.8	34.9	0.16	<0.05	2.41	0.178	0.61
F060206		1050	3.9	48.2	<0.002	0.18	2.54	13.2	<1	0.6	23.4	0.19	<0.05	2.60	0.183	0.50
F060207		1440	4.2	49.9	<0.002	0.23	2.24	13.5	<1	0.7	30.1	0.22	<0.05	2.58	0.231	0.46
F060208		1600	4.8	45.7	0.002	0.16	3.77	13.0	1	0.7	37.9	0.30	<0.05	2.44	0.303	0.42
F060209		1530	6.5	57.9	<0.002	0.81	3.01	13.5	1	0.9	38.5	0.27	<0.05	2.56	0.255	0.61
F060210		1450	6.2	56.9	<0.002	0.74	2.90	13.0	1	0.9	37.1	0.28	<0.05	2.46	0.266	0.58
F060211		1520	4.8	50.5	<0.002	0.34	2.47	13.0	<1	0.7	31.9	0.26	<0.05	2.26	0.254	0.54
F060212		1220	4.7	54.2	<0.002	0.46	2.78	11.9	1	0.7	32.5	0.18	<0.05	2.41	0.181	0.55
F060213		720	5.2	61.7	<0.002	0.11	1.94	10.6	<1	0.6	33.5	0.17	<0.05	2.52	0.168	0.67
F060214		720	4.1	73.2	<0.002	0.41	2.60	9.6	1	0.7	33.7	0.20	<0.05	2.57	0.180	0.80
F060215		670	5.1	38.6	<0.002	1.00	2.60	25.5	1	0.7	40.9	0.19	<0.05	1.72	0.354	0.43
F060216		630	4.2	40.9	<0.002	0.25	2.23	12.9	1	0.7	46.8	0.21	<0.05	2.02	0.311	0.57
F060217		680	3.7	74.4	<0.002	0.17	1.38	10.2	1	0.6	18.9	0.19	<0.05	2.53	0.182	0.90



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.1	1	0.1	0.1	2	0.5
F060081		1.4	22	0.7	5.9	31	55.5
F060082		1.4	22	0.9	6.3	31	53.6
F060083		1.8	26	1.2	7.1	32	64.6
F060084		1.5	166	1.1	17.9	119	86.6
F060085		1.8	26	1.5	7.9	28	65.5
F060086		1.6	25	1.6	7.3	36	60.8
F060087		1.4	144	0.8	15.4	98	83.9
F060088		2.1	18	0.5	5.1	20	59.3
F060089		1.6	20	0.4	4.0	35	120.5
F060090		1.4	19	0.4	4.2	33	112.0
F060091		0.6	21	0.5	2.7	34	61.5
F060092		0.7	23	0.2	3.8	43	60.2
F060093		0.8	26	0.7	5.2	44	69.8
F060094		13.4	5	0.4	18.8	8	36.5
F060095		0.7	23	0.6	4.4	42	58.4
F060096		2.8	3	0.3	7.2	16	14.9
F060097		0.3	24	0.6	3.7	48	54.5
F060098		0.6	24	0.2	5.0	46	59.8
F060099		0.7	21	1.3	4.1	40	70.4
F060100		0.1	1	<0.1	2.0	2	1.2
F060101		1.1	22	0.7	6.0	37	60.1
F060199		1.0	32	0.3	6.9	80	149.0
F060200		1.3	35	18.3	18.7	44	61.1
F060201		0.7	85	0.3	7.3	148	103.0
F060202		0.4	123	0.1	6.2	113	66.2
F060203		0.6	83	0.1	8.7	112	98.8
F060204		0.6	70	0.2	7.2	132	78.9
F060205		0.7	115	0.2	8.9	112	111.5
F060206		0.7	87	0.2	8.9	124	128.0
F060207		0.7	102	0.1	11.0	127	150.0
F060208		0.7	101	0.2	10.2	110	146.0
F060209		0.7	102	0.2	10.2	143	154.0
F060210		0.6	97	0.2	9.6	136	147.5
F060211		0.6	98	0.2	9.1	140	145.5
F060212		0.6	86	0.1	9.2	157	133.0
F060213		0.7	77	0.1	7.0	100	112.0
F060214		0.7	73	0.2	8.3	87	116.0
F060215		0.5	201	0.2	18.1	207	98.8
F060216		0.5	113	0.2	10.8	106	105.5
F060217		0.7	75	0.2	8.6	96	117.0



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
F060218		1.28	0.002		0.46	7.41	59.5	240	0.47	0.22	0.63	3.01	28.0	27.7	67	1.55
F060219		2.09	0.008		0.79	6.58	50.8	230	0.39	0.21	0.15	4.57	23.1	25.2	76	1.36
F060220		0.80	<0.001		<0.01	0.07	0.2	20	0.06	0.01	33.3	0.02	1.01	1.2	2	<0.05
F060221		2.20	0.001		0.68	7.97	30.4	70	0.47	0.05	2.85	0.25	15.45	50.9	185	0.32
F060222		2.00	<0.001		0.59	8.00	19.3	10	0.26	0.02	4.63	0.11	5.17	57.7	272	0.10
F060223		2.02	<0.001		0.56	8.37	60.3	160	0.27	0.01	2.41	0.20	4.49	59.4	299	0.60
F060224		2.42	0.009		0.85	7.50	99.2	160	0.23	0.05	6.83	1.72	5.64	52.0	224	0.81
F060225		1.93	<0.001		0.58	7.62	67.4	10	0.17	0.01	7.80	0.09	5.11	49.5	207	0.19
F060226		1.87	0.001		0.41	7.73	67.6	40	0.27	0.06	6.35	0.72	5.21	47.0	232	0.35
F060227		2.52	0.016		0.78	7.20	274	230	0.24	1.10	3.88	5.93	4.33	52.6	229	1.36
F060228		3.68	0.003		0.53	7.66	75.8	120	0.21	0.06	7.19	6.78	4.23	48.4	197	0.80
F060229		1.57	0.036		0.75	8.22	2610	170	0.19	0.91	4.29	0.82	4.60	68.6	258	1.02
F060230		0.11	1.125		70.2	7.01	54.1	300	1.26	2.56	2.03	17.25	31.7	24.3	135	2.25
F060231		2.47	0.004		0.56	7.82	52.6	210	0.19	0.04	6.14	0.16	3.73	56.7	236	1.17
F060232		2.39	0.003		0.72	8.14	71.0	130	0.24	0.02	8.14	0.12	4.66	54.7	203	0.93
F060233		1.80	0.004		0.64	7.84	283	180	0.22	0.22	6.09	17.80	3.99	59.7	229	0.97
F060234		1.82	0.003		0.52	7.50	104.5	160	0.21	0.04	8.21	0.20	4.34	48.7	200	0.85
F060235		3.09	0.002		0.37	7.50	62.5	40	0.16	0.02	7.49	0.22	4.29	52.9	188	0.33
F060236		2.39	0.002		0.21	7.44	25.7	30	0.18	0.03	7.44	0.18	5.61	50.9	200	0.40
F060237		2.45	0.003		0.14	8.13	40.3	180	0.19	0.03	8.13	0.14	5.61	55.8	239	0.81
F060238		2.61	0.003		0.28	7.54	34.9	60	0.25	0.02	7.68	0.12	10.20	47.5	188	0.62
F060239		2.79	0.004		0.29	7.22	37.8	50	0.26	0.01	7.00	0.11	10.70	47.9	242	0.63
F060240		<0.02	0.005		0.38	7.49	36.4	60	0.27	0.01	6.63	0.13	10.00	47.6	231	0.67
F060241		3.10	0.007		0.31	4.77	28.1	100	0.49	0.11	3.86	0.10	19.25	27.6	142	0.88
F060242		2.28	<0.001		0.12	8.14	19.6	450	0.76	0.05	2.80	0.08	54.1	15.9	29	2.43
F060243		2.14	0.006		0.31	3.70	28.1	70	0.53	0.08	3.21	0.11	14.50	21.3	60	0.76
F060244		0.97	<0.001		0.01	7.78	9.3	300	0.75	0.01	1.56	0.03	35.2	13.2	61	1.75
F060245		2.61	0.015		0.39	2.28	252	<10	0.75	0.06	1.42	0.07	9.67	13.4	37	0.27
F060246		0.90	0.069		0.74	5.08	21.4	<10	0.32	0.06	2.73	0.10	16.75	20.3	51	0.39
F060247		2.65	0.007		0.49	7.80	29.9	90	0.28	0.04	7.34	0.29	6.14	50.4	164	0.77
F060248		2.46	0.003		0.37	7.78	56.4	170	0.52	0.05	6.92	0.22	14.30	48.4	146	1.17
F060249		2.35	0.009		0.30	7.66	118.5	170	0.25	0.17	5.10	0.30	8.54	50.8	162	1.10
F060250		0.87	<0.001		0.01	0.13	0.6	30	0.05	0.01	33.7	<0.02	1.05	1.0	4	<0.05
F060251		2.02	0.005		0.20	7.15	51.5	140	0.27	0.10	6.71	0.14	10.05	46.4	211	0.99
F060252		2.61	0.027		0.16	5.86	34.7	60	0.21	0.25	10.95	0.20	7.41	40.9	118	0.66
F060253		2.90	0.260		0.54	7.15	63.8	10	0.20	0.96	8.03	0.33	4.95	41.1	173	0.32
F060254		2.76	0.321		0.05	7.67	8.7	20	0.17	0.60	8.77	0.04	4.99	45.7	192	0.16
F060255		2.57	1.170		1.25	7.36	14.4	20	0.18	1.76	8.69	1.02	4.73	56.0	172	0.22
F060256		2.73	0.225		0.07	7.18	6.3	30	0.18	0.65	7.62	0.08	4.97	46.8	181	0.23
F060257		2.81	0.612		0.11	7.38	10.4	40	0.31	0.26	6.59	0.08	13.80	42.8	140	0.45



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F060218		45.6	5.07	19.00	0.11	2.5	0.037	2.51	13.0	32.2	1.55	850	0.56	0.14	2.3	58.2
F060219		97.0	6.72	15.80	0.11	2.2	0.042	2.03	10.2	28.2	1.59	1315	2.06	0.09	2.1	58.8
F060220		2.1	0.13	0.21	<0.05	<0.1	<0.005	0.02	1.1	1.1	0.94	79	0.12	0.02	0.1	0.3
F060221		127.0	9.69	20.4	0.09	1.6	0.069	0.28	5.8	42.0	3.30	2310	0.40	0.72	4.0	144.5
F060222		140.5	8.45	17.25	0.05	0.7	0.054	0.05	1.8	34.3	4.59	1905	0.14	0.43	1.6	201
F060223		134.5	7.53	17.40	0.08	0.5	0.057	1.12	1.5	46.3	3.69	1670	0.18	0.36	1.6	199.0
F060224		139.5	7.35	14.90	0.09	0.4	0.058	1.24	2.1	39.8	2.81	1905	0.13	0.64	1.4	173.0
F060225		122.5	7.00	14.85	0.05	0.7	0.049	0.03	1.8	40.8	3.92	1395	0.16	1.01	1.4	171.0
F060226		102.0	6.90	15.45	0.07	0.4	0.061	0.24	1.9	45.4	3.56	1580	0.18	1.18	1.3	169.0
F060227		116.0	7.11	14.75	0.11	0.9	0.109	1.84	1.6	35.8	2.82	1495	0.20	0.19	1.2	162.5
F060228		116.5	7.26	14.90	0.08	0.4	0.077	0.93	1.6	48.1	3.86	1835	0.36	0.58	1.3	176.0
F060229		128.0	8.78	17.00	0.10	0.5	0.049	1.28	1.7	55.5	4.23	1740	0.23	0.59	1.4	242
F060230		7240	5.34	18.70	0.17	0.9	0.210	2.42	15.0	14.1	2.12	784	287	1.72	8.7	150.0
F060231		148.5	6.70	16.20	0.12	0.4	0.063	1.68	1.3	49.4	3.67	1405	0.36	0.48	1.5	196.0
F060232		155.0	6.95	16.05	0.09	0.7	0.062	1.16	1.7	48.2	3.33	1455	0.18	0.71	1.4	177.0
F060233		156.0	7.62	16.10	0.11	0.3	0.136	1.27	1.4	46.4	3.44	1815	0.13	0.81	1.4	196.5
F060234		113.5	7.45	15.20	0.08	0.7	0.061	0.86	1.6	38.9	3.28	2020	0.15	0.93	1.3	156.0
F060235		128.0	7.31	15.20	0.07	1.2	0.059	0.16	1.5	30.6	3.83	1405	0.14	1.08	1.3	162.0
F060236		138.0	7.77	14.75	0.06	0.8	0.055	0.10	2.2	32.7	4.43	1425	0.14	1.01	1.3	169.0
F060237		115.0	6.27	15.90	0.08	0.7	0.067	0.69	2.1	27.5	2.88	1265	0.14	1.92	1.5	184.5
F060238		112.5	7.48	15.00	0.06	1.0	0.052	0.22	4.4	34.7	4.09	1375	0.29	1.13	1.9	158.5
F060239		108.5	7.68	14.35	0.06	0.8	0.050	0.17	4.4	40.5	4.79	1635	0.19	1.07	1.6	187.5
F060240		111.0	7.98	14.60	0.06	0.8	0.053	0.20	4.0	41.5	4.90	1665	0.20	1.14	1.6	189.5
F060241		68.0	16.05	10.80	0.10	1.2	0.062	0.60	9.4	16.9	3.10	1740	0.78	0.14	1.8	95.1
F060242		12.9	4.06	20.0	0.19	3.5	0.035	3.21	26.6	33.9	2.35	992	0.50	0.26	4.8	40.3
F060243		54.8	19.45	9.43	0.09	1.2	0.035	0.44	7.5	15.0	2.39	1515	0.74	0.02	1.7	43.4
F060244		1.1	5.52	18.55	0.15	2.9	0.037	2.56	17.2	32.6	2.85	671	0.45	0.04	2.6	44.5
F060245		54.7	25.1	5.82	0.08	0.8	0.041	0.02	5.1	1.6	2.20	1190	1.93	<0.01	1.5	20.7
F060246		71.0	14.70	12.15	0.07	1.6	0.074	0.01	8.2	2.7	3.14	1595	1.20	<0.01	2.8	44.9
F060247		133.5	8.05	14.75	0.09	0.8	0.068	0.49	2.3	33.4	4.09	1415	0.28	0.90	1.9	161.0
F060248		106.5	7.60	15.40	0.09	1.1	0.053	0.93	6.5	41.6	3.99	1750	1.08	1.26	1.9	142.0
F060249		78.9	8.27	16.35	0.09	1.0	0.062	1.19	3.6	61.2	5.07	2120	0.30	0.22	2.1	154.0
F060250		1.8	0.20	0.38	<0.05	<0.1	0.012	0.02	1.2	1.3	1.22	109	0.08	0.03	0.2	7.1
F060251		93.9	7.04	14.30	0.07	0.9	0.058	0.84	5.0	64.6	6.53	2680	0.21	0.02	1.1	155.5
F060252		84.1	7.96	13.10	<0.05	0.8	0.052	0.23	3.1	31.2	5.40	2720	0.39	0.65	1.4	110.5
F060253		255	7.34	13.50	0.05	0.6	0.051	0.03	1.8	34.0	3.92	1280	0.20	1.91	1.4	136.0
F060254		34.5	8.32	14.35	0.05	0.8	0.060	0.05	1.8	13.3	4.14	1445	0.24	1.42	1.5	144.5
F060255		2310	8.09	15.20	0.05	0.6	0.124	0.04	1.7	15.6	3.89	1270	0.56	1.49	1.4	151.5
F060256		140.5	7.90	13.85	0.05	0.8	0.060	0.06	1.8	17.6	4.07	1270	0.24	1.54	1.4	139.5
F060257		141.5	7.64	16.65	<0.05	1.2	0.052	0.08	6.1	31.2	3.95	1220	0.31	1.69	2.7	96.1



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		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F060218		570	11.2	67.8	<0.002	1.98	1.88	16.9	1	1.2	25.1	0.17	<0.05	2.12	0.230	0.91
F060219		500	3.7	55.8	0.002	2.77	3.42	16.7	1	1.2	7.4	0.16	0.23	1.74	0.179	0.85
F060220		60	<0.5	0.5	<0.002	0.03	<0.05	0.2	2	<0.2	81.7	<0.05	<0.05	0.07	0.005	<0.02
F060221		540	11.2	6.7	0.003	0.82	3.22	33.9	1	0.9	102.0	0.27	<0.05	0.58	0.761	0.10
F060222		290	59.6	0.1	0.002	0.09	4.26	30.0	1	0.4	121.0	0.11	<0.05	0.13	0.458	<0.02
F060223		300	9.9	13.1	<0.002	0.51	2.68	37.6	1	0.5	58.3	0.11	<0.05	0.12	0.464	0.47
F060224		230	17.4	32.6	0.002	1.92	3.05	36.3	1	0.6	47.9	0.09	<0.05	0.13	0.387	0.47
F060225		230	45.6	0.5	0.002	0.08	3.63	36.4	1	0.4	98.9	0.08	<0.05	0.14	0.404	<0.02
F060226		240	7.1	3.9	0.002	0.12	3.35	38.6	1	0.5	101.5	0.09	<0.05	0.14	0.406	0.09
F060227		190	5.2	53.8	0.002	2.63	3.51	36.9	1	1.4	22.3	0.08	<0.05	0.16	0.356	0.84
F060228		200	5.2	26.0	<0.002	0.21	3.90	35.9	1	0.4	59.6	0.08	<0.05	0.11	0.393	0.31
F060229		220	15.6	23.1	0.003	1.09	6.29	37.0	1	1.0	33.5	0.08	0.05	0.10	0.436	0.43
F060230		700	1570	89.4	0.117	2.56	137.5	9.3	6	4.6	387	0.51	0.44	5.94	0.246	1.51
F060231		210	3.8	27.8	0.002	0.86	2.53	35.4	1	0.4	34.6	0.09	0.05	0.11	0.430	0.53
F060232		220	2.9	34.1	0.002	0.20	3.09	39.2	1	0.4	71.2	0.08	<0.05	0.12	0.413	0.42
F060233		220	3.6	22.8	0.002	0.55	2.25	37.8	1	1.1	41.9	0.08	<0.05	0.10	0.423	0.40
F060234		200	2.2	26.6	0.002	0.10	2.54	39.2	<1	0.4	61.2	0.08	<0.05	0.10	0.390	0.25
F060235		220	9.5	4.4	<0.002	0.09	3.30	39.5	1	0.3	106.5	0.08	<0.05	0.13	0.388	0.05
F060236		240	5.2	2.8	<0.002	0.12	1.91	38.3	<1	0.4	116.0	0.08	<0.05	0.19	0.384	0.04
F060237		250	3.3	20.7	<0.002	0.13	1.40	40.9	<1	0.4	109.5	0.08	<0.05	0.18	0.424	0.15
F060238		310	5.2	6.4	<0.002	0.09	2.37	37.0	<1	0.4	130.0	0.12	<0.05	0.57	0.385	0.06
F060239		370	3.1	5.8	<0.002	0.10	1.73	35.9	1	0.4	82.9	0.09	<0.05	0.50	0.376	0.04
F060240		360	3.3	6.4	<0.002	0.11	1.82	36.8	<1	0.4	80.6	0.09	<0.05	0.46	0.392	0.05
F060241		520	3.3	19.8	<0.002	1.91	2.92	16.7	1	0.6	27.3	0.12	0.07	1.15	0.219	0.16
F060242		890	2.4	90.1	<0.002	0.13	1.68	8.7	<1	0.8	32.3	0.27	<0.05	3.78	0.261	0.84
F060243		460	2.3	14.9	<0.002	1.46	3.72	10.2	1	0.4	31.0	0.11	0.14	1.11	0.127	0.12
F060244		620	1.4	78.5	<0.002	0.01	1.38	8.4	<1	0.7	21.0	0.18	<0.05	2.71	0.167	0.55
F060245		560	2.2	0.8	<0.002	0.95	4.51	4.3	1	0.4	10.0	0.09	0.43	0.59	0.102	<0.02
F060246		520	1.5	0.4	<0.002	1.37	1.84	8.9	2	0.4	19.2	0.17	0.43	1.09	0.214	<0.02
F060247		230	34.3	16.9	0.002	0.26	2.75	35.9	1	0.7	198.5	0.12	0.08	0.20	0.400	0.15
F060248		360	6.8	32.4	0.002	0.16	1.12	34.0	1	0.4	142.5	0.13	<0.05	0.86	0.362	0.21
F060249		290	2.5	22.3	<0.002	0.29	1.19	35.3	1	1.0	50.3	0.12	<0.05	0.48	0.374	0.23
F060250		70	<0.5	0.7	<0.002	0.01	<0.05	0.6	<1	<0.2	89.7	<0.05	<0.05	0.05	0.008	<0.02
F060251		230	2.3	25.1	0.002	0.14	1.17	34.4	<1	0.9	46.0	0.07	<0.05	0.26	0.285	0.14
F060252		240	4.2	7.5	0.002	0.11	1.14	31.4	1	0.5	104.0	0.08	0.05	0.29	0.299	0.05
F060253		220	12.0	1.1	<0.002	0.07	0.80	39.6	<1	0.8	108.5	0.09	0.11	0.14	0.389	0.02
F060254		220	3.5	0.7	<0.002	0.02	1.85	41.4	1	0.7	179.5	0.09	0.07	0.16	0.407	<0.02
F060255		210	3.8	0.9	<0.002	0.39	1.18	39.5	5	1.3	169.0	0.08	0.32	0.13	0.378	0.02
F060256		210	2.2	1.4	0.002	0.07	0.95	40.5	1	0.5	179.0	0.09	0.15	0.13	0.385	0.02
F060257		350	1.7	3.1	<0.002	0.09	0.61	36.2	<1	0.5	132.5	0.14	0.06	0.74	0.473	0.02



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U ppm 0.1	V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
F060218		0.6	109	0.2	10.8	367	99.5
F060219		0.6	105	0.3	9.3	574	87.2
F060220		0.1	1	<0.1	2.1	3	1.5
F060221		0.2	285	0.4	21.8	206	64.9
F060222		0.1	251	0.1	16.0	136	22.7
F060223		0.1	264	0.3	14.2	143	17.3
F060224		<0.1	222	0.4	16.0	311	14.2
F060225		<0.1	218	0.1	15.2	124	29.6
F060226		<0.1	230	0.3	15.8	285	10.9
F060227		0.1	224	1.0	14.5	771	32.9
F060228		<0.1	237	0.2	14.9	877	13.1
F060229		<0.1	257	0.4	13.9	243	12.8
F060230		2.1	106	13.9	12.2	3420	27.2
F060231		<0.1	248	0.1	14.6	104	13.6
F060232		<0.1	245	0.1	16.7	111	16.8
F060233		<0.1	253	0.2	14.5	2130	8.5
F060234		<0.1	242	0.2	15.8	152	20.7
F060235		<0.1	240	0.1	15.2	101	23.1
F060236		0.1	238	0.1	15.0	99	23.4
F060237		0.1	255	0.1	15.6	77	20.9
F060238		0.2	223	0.4	16.2	84	36.1
F060239		0.1	223	0.4	14.4	113	26.9
F060240		0.1	232	0.4	14.2	118	26.5
F060241		0.2	107	0.9	8.9	106	47.1
F060242		0.7	71	0.8	9.6	84	133.5
F060243		0.3	68	3.1	5.7	78	43.1
F060244		0.7	62	0.8	7.9	98	114.5
F060245		0.2	31	1.0	4.9	67	29.9
F060246		0.3	68	0.5	6.5	135	57.9
F060247		0.1	226	0.3	14.8	97	23.9
F060248		0.3	218	0.2	11.0	200	39.6
F060249		0.2	230	0.7	4.8	367	32.3
F060250		0.1	3	<0.1	2.4	6	1.4
F060251		0.1	219	0.6	5.0	208	26.0
F060252		0.1	199	0.8	6.6	92	28.4
F060253		<0.1	243	0.6	14.6	58	19.8
F060254		<0.1	263	1.0	15.1	62	18.5
F060255		<0.1	241	1.7	14.8	83	17.4
F060256		<0.1	247	1.0	14.9	62	18.8
F060257		0.2	249	0.7	17.2	74	37.4





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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
F060258		2.20	0.009		0.06	7.29	9.8	20	0.21	0.26	8.13	0.10	7.34	47.5	177	0.33
F060259		2.48	0.024		0.04	7.94	3.7	50	0.22	0.25	8.94	0.05	5.89	48.5	247	0.21
F060260		0.11	6.66		91.0	7.47	458	940	1.02	0.49	5.05	22.1	41.1	27.9	72	2.65
F060261		2.60	0.080		0.05	7.47	8.2	50	0.18	0.78	8.48	0.06	5.20	49.8	237	0.28
F060262		2.51	0.029		0.02	7.43	14.8	40	0.21	0.36	8.73	0.03	5.14	47.9	228	0.35
F060263		2.73	0.154		0.02	7.48	18.2	30	0.18	0.97	8.69	0.03	4.92	47.3	234	0.37
F060265		3.71	0.018		0.01	7.50	34.0	50	0.18	0.14	8.30	0.02	5.15	46.1	226	0.71
F060266		4.19	0.004		0.05	8.39	7.8	120	0.51	0.09	5.64	0.04	21.4	33.3	82	0.59
F060267		2.81	0.014		0.04	7.44	10.8	60	0.19	0.13	8.08	0.04	4.83	44.5	234	0.57
F060268		2.82	0.082		0.05	7.66	12.6	40	0.18	0.29	8.50	0.05	5.14	48.8	241	0.46
F060269		2.71	0.062		0.02	7.29	21.7	40	0.18	0.35	8.31	0.03	5.23	48.4	226	0.50
F060270		<0.02	0.071		0.02	7.27	23.5	50	0.17	0.41	8.46	0.04	5.31	48.9	230	0.53
F060271		2.62	0.078		0.01	7.32	15.8	20	0.17	0.28	8.61	0.04	5.25	45.0	245	0.20
F060272		2.88	0.612		0.06	7.66	12.9	30	0.16	1.86	9.67	0.04	5.08	46.4	250	0.23
F060273		3.61	0.090		0.04	7.51	8.8	40	0.18	0.41	9.11	0.04	5.35	48.6	241	0.30
F060274		2.53	0.075		0.04	7.53	17.0	40	0.19	0.37	7.87	0.05	4.90	47.6	246	0.48
F060275		2.64	0.051		0.04	7.47	25.1	30	0.18	0.26	9.18	0.07	4.98	50.2	234	0.34
F060276		2.07	0.020		0.05	7.64	15.6	30	0.19	0.17	8.08	0.04	5.91	50.4	233	0.51
F060277		2.57	0.023		0.05	7.40	7.6	30	0.20	0.17	7.57	0.05	5.26	47.1	185	0.44
F060278		2.64	0.022		0.05	7.70	8.6	40	0.17	0.11	7.61	0.04	5.33	50.9	179	0.57
F060279		2.19	0.013		0.06	7.48	7.4	30	0.18	0.10	8.50	0.05	5.13	48.9	172	0.44
F060280		0.68	<0.001		<0.01	0.10	<0.2	10	0.06	<0.01	34.0	<0.02	0.85	0.9	3	<0.05
F060281		2.84	0.014		0.05	7.52	4.5	30	0.17	0.12	8.33	0.06	5.32	49.2	189	0.40
F060282		2.70	0.007		0.07	7.58	3.2	40	0.23	0.08	7.31	0.08	6.20	50.5	208	0.42
F060283		2.13	0.026		0.04	7.36	8.5	20	0.18	0.13	7.30	0.06	5.36	51.2	185	0.54
F060284		2.62	0.017		0.04	7.79	9.7	30	0.18	0.15	7.74	0.04	5.38	49.6	193	0.55
F060285		2.54	0.016		0.04	7.60	11.0	60	0.18	0.15	7.50	0.04	4.76	49.2	180	0.88
F060286		2.84	0.034		0.05	7.74	14.2	50	0.18	0.17	7.44	0.04	4.96	51.4	177	0.85
F060287		2.08	0.292		0.06	7.81	11.0	60	0.20	0.44	7.44	0.03	5.18	47.9	180	0.89
F060288		2.91	0.018		0.05	7.87	11.7	60	0.18	0.27	7.50	0.04	5.25	52.9	190	0.78
F060289		2.62	0.049		0.04	7.73	13.4	60	0.18	0.26	8.16	0.05	5.16	52.6	184	0.74
F060290		0.11	4.474		0.27	7.59	4.4	890	1.14	1.22	1.89	0.07	26.8	7.0	15	0.52
F060291		2.26	0.041		0.04	7.76	11.0	40	0.21	0.33	8.30	0.04	4.99	47.0	179	0.58
F060292		3.06	0.010		0.04	7.63	9.8	70	0.19	0.16	7.56	0.04	5.11	49.2	183	0.80
F060293		2.06	0.014		0.24	7.86	10.9	360	1.45	0.24	6.35	0.17	38.0	37.5	89	1.33
F060294		2.22	0.011		0.09	7.53	11.2	90	0.22	0.21	7.52	0.04	5.77	50.1	184	1.01
F060295		2.63	0.022		0.07	7.73	8.2	80	0.21	0.15	7.12	0.07	5.65	52.3	183	1.16
F060296		2.54	0.015		0.07	7.64	10.4	70	0.23	0.13	7.56	0.04	5.35	54.2	187	0.75
F060297		3.09	0.005		0.04	8.86	0.7	750	3.02	0.15	4.96	0.06	63.9	26.4	10	8.75
F060298		2.25	0.020		0.06	7.81	3.7	130	0.32	0.22	7.67	0.05	7.01	47.6	184	1.00



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F060258		121.5	8.59	15.75	<0.05	0.9	0.067	0.04	2.8	22.4	4.21	1430	0.37	1.43	2.1	121.5
F060259		74.7	8.35	15.95	0.06	0.8	0.069	0.09	2.1	12.5	4.29	1435	0.81	1.61	1.7	153.0
F060260		764	6.41	18.95	0.14	0.9	0.098	1.50	21.2	28.4	2.53	988	17.70	1.95	21.0	57.9
F060261		59.7	8.12	14.95	<0.05	0.8	0.063	0.11	1.9	15.2	4.14	1350	0.31	1.49	1.5	158.5
F060262		41.5	8.02	14.50	<0.05	0.8	0.058	0.12	1.9	19.0	4.07	1350	0.31	1.37	1.6	155.5
F060263		23.1	7.85	14.85	<0.05	0.6	0.062	0.11	1.8	25.0	3.98	1285	0.15	1.39	1.5	154.0
F060265		33.3	7.76	14.25	0.06	0.7	0.052	0.33	1.9	30.9	4.29	1315	0.69	1.27	1.5	156.5
F060266		70.6	5.61	16.20	0.06	2.0	0.042	0.31	10.0	20.2	2.89	925	0.53	2.51	3.4	104.0
F060267		56.0	7.78	13.70	<0.05	0.6	0.049	0.28	1.7	26.7	4.27	1305	0.13	1.41	1.4	151.5
F060268		66.7	8.14	14.00	<0.05	0.7	0.055	0.16	1.8	22.1	4.62	1375	0.27	1.42	1.5	162.0
F060269		30.3	7.68	14.60	0.05	0.7	0.048	0.20	1.9	20.2	4.12	1295	0.21	1.40	1.5	157.5
F060270		36.3	7.74	14.35	0.05	0.7	0.057	0.21	1.9	21.1	4.16	1310	0.24	1.35	1.5	159.0
F060271		9.5	7.80	14.55	0.05	0.8	0.051	0.08	2.0	11.6	4.00	1395	0.30	1.21	1.5	149.0
F060272		69.5	8.02	15.90	<0.05	0.7	0.071	0.09	1.8	11.2	3.77	1385	0.35	1.26	1.5	153.0
F060273		63.6	7.93	14.75	0.05	0.9	0.061	0.15	2.0	14.4	4.03	1380	0.26	1.23	1.6	158.0
F060274		73.9	7.84	13.55	<0.05	0.6	0.058	0.15	1.7	30.4	4.09	1325	0.12	1.71	1.5	154.5
F060275		88.3	8.04	13.65	<0.05	0.8	0.057	0.10	1.8	23.9	3.85	1445	0.16	1.44	1.5	157.0
F060276		75.5	8.10	15.05	<0.05	0.7	0.048	0.13	2.2	28.5	4.52	1350	0.51	1.19	1.6	179.0
F060277		99.3	7.63	14.25	<0.05	0.6	0.051	0.13	1.9	36.2	4.71	1215	0.18	1.47	1.5	158.5
F060278		88.5	8.10	14.75	0.05	0.9	0.050	0.24	1.9	33.4	4.96	1340	0.18	1.33	1.5	154.0
F060279		119.0	7.86	14.55	<0.05	1.1	0.053	0.17	1.9	26.6	4.78	1280	0.13	1.10	1.5	151.5
F060280		1.3	0.16	0.28	<0.05	0.1	0.009	0.01	1.0	1.0	1.34	85	0.06	0.04	0.1	7.0
F060281		99.9	8.18	14.65	0.06	0.8	0.052	0.20	2.0	21.3	4.97	1340	0.24	1.24	1.5	151.5
F060282		131.0	8.50	14.55	<0.05	0.8	0.055	0.20	2.3	23.0	5.04	1385	0.25	1.39	1.6	137.0
F060283		83.5	8.17	14.25	0.05	0.7	0.052	0.14	2.0	33.8	4.87	1290	0.30	1.21	1.5	156.0
F060284		80.1	8.22	14.20	0.06	0.8	0.045	0.19	1.9	27.5	5.04	1335	0.21	1.57	1.5	153.0
F060285		74.3	7.81	14.05	0.05	0.7	0.048	0.40	1.7	28.2	5.21	1305	0.26	1.53	1.4	173.5
F060286		91.5	7.96	14.30	<0.05	0.6	0.044	0.35	1.8	39.7	5.22	1300	0.21	1.51	1.4	167.5
F060287		62.6	7.78	14.55	0.05	0.7	0.051	0.44	1.9	32.3	5.12	1215	0.16	1.49	1.5	161.0
F060288		85.6	8.08	14.50	0.05	0.7	0.056	0.43	1.9	27.7	5.24	1305	0.21	1.53	1.5	170.0
F060289		72.6	8.07	15.05	0.05	0.8	0.058	0.42	1.8	22.1	5.01	1315	0.24	1.47	1.5	168.0
F060290		46.2	2.33	14.85	0.09	2.1	0.032	1.82	13.3	3.5	0.53	693	2.30	3.43	6.6	12.0
F060291		69.6	8.11	15.25	0.06	0.7	0.054	0.27	1.9	23.8	4.87	1330	0.20	1.43	1.4	161.5
F060292		76.1	7.91	14.25	0.05	0.9	0.048	0.45	1.8	27.1	5.06	1330	0.29	1.56	1.4	165.5
F060293		183.5	6.77	18.45	0.11	2.4	0.068	0.95	17.0	37.9	3.23	1155	0.98	2.27	4.4	77.6
F060294		83.2	7.81	14.40	0.08	0.7	0.046	0.60	2.3	26.0	5.04	1300	0.36	1.50	1.4	171.5
F060295		104.5	8.07	14.45	0.05	0.8	0.047	0.62	2.1	28.3	5.21	1310	0.15	1.48	1.5	173.5
F060296		99.2	8.14	14.90	0.06	0.8	0.051	0.49	2.0	25.7	5.20	1385	0.31	1.41	1.4	174.5
F060297		51.2	5.53	20.5	0.16	3.7	0.045	2.21	29.0	28.2	2.16	954	0.12	3.24	5.9	15.0
F060298		51.2	7.62	14.50	0.07	0.8	0.050	0.76	2.7	22.5	5.05	1310	1.45	1.57	1.5	167.0



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F060258		300	2.1	0.8	<0.002	0.08	0.71	40.3	1	0.6	175.0	0.12	0.05	0.21	0.504	0.02
F060259		250	1.8	2.5	0.002	0.02	0.72	43.0	1	1.0	198.5	0.10	0.06	0.16	0.448	0.02
F060260		1340	2540	45.6	0.018	1.33	227	21.2	5	2.2	384	1.18	0.34	2.45	0.548	0.47
F060261		220	1.8	3.4	<0.002	0.03	0.76	42.4	1	1.0	144.5	0.10	0.13	0.15	0.406	0.02
F060262		220	1.0	4.1	<0.002	0.02	0.80	42.3	<1	0.8	127.0	0.09	<0.05	0.15	0.400	0.03
F060263		210	0.9	4.7	0.002	0.02	0.69	40.9	1	0.6	102.0	0.09	0.24	0.13	0.392	0.03
F060265		210	0.8	15.7	0.002	0.01	0.54	41.3	<1	0.5	84.3	0.09	<0.05	0.15	0.396	0.09
F060266		450	1.9	12.7	<0.002	0.04	0.47	26.8	<1	0.6	185.5	0.26	<0.05	1.81	0.328	0.08
F060267		210	0.7	13.2	<0.002	0.06	0.43	40.9	<1	0.4	94.0	0.09	0.07	0.13	0.393	0.09
F060268		220	1.0	7.3	0.002	0.06	0.77	43.6	<1	0.7	118.0	0.09	0.07	0.17	0.412	0.05
F060269		210	1.1	11.1	0.002	0.03	1.17	42.0	<1	0.6	116.5	0.09	0.05	0.14	0.383	0.06
F060270		210	1.1	11.6	<0.002	0.03	1.04	42.3	<1	0.6	113.0	0.09	0.07	0.15	0.385	0.06
F060271		210	0.9	2.7	<0.002	<0.01	0.89	42.8	1	0.4	128.5	0.09	0.06	0.14	0.390	0.02
F060272		220	0.9	2.8	<0.002	0.05	1.03	42.7	<1	0.9	147.0	0.10	0.49	0.14	0.394	0.03
F060273		210	0.8	6.4	<0.002	0.03	0.86	44.5	1	1.0	127.5	0.09	0.11	0.14	0.403	0.03
F060274		210	0.5	7.3	<0.002	0.05	0.42	42.6	<1	0.5	87.1	0.09	0.11	0.15	0.402	0.05
F060275		210	0.7	4.2	<0.002	0.07	0.52	42.0	<1	0.7	104.0	0.09	0.07	0.15	0.403	0.04
F060276		230	0.9	6.6	<0.002	0.04	0.80	42.4	1	0.4	116.0	0.10	0.07	0.22	0.405	0.04
F060277		220	0.7	7.8	0.002	0.06	0.43	42.6	1	0.4	103.0	0.09	0.05	0.16	0.396	0.05
F060278		230	0.9	15.5	0.002	0.06	0.44	45.6	<1	0.4	102.0	0.09	0.05	0.15	0.413	0.10
F060279		210	1.0	10.4	<0.002	0.06	0.56	45.2	<1	0.5	122.0	0.09	0.06	0.14	0.389	0.06
F060280		80	<0.5	0.2	<0.002	0.01	<0.05	0.6	<1	<0.2	89.0	<0.05	<0.05	0.05	0.008	<0.02
F060281		220	1.0	11.8	0.002	0.05	0.55	46.0	1	0.4	138.0	0.09	<0.05	0.16	0.399	0.07
F060282		250	1.1	11.1	0.003	0.11	0.53	48.5	1	0.4	133.5	0.09	<0.05	0.20	0.419	0.07
F060283		220	0.9	5.9	0.003	0.03	0.58	46.9	<1	0.5	121.5	0.09	0.05	0.15	0.396	0.05
F060284		220	0.8	12.4	0.002	0.05	0.61	47.2	<1	0.4	114.5	0.09	0.05	0.16	0.398	0.08
F060285		200	0.8	29.8	<0.002	0.03	0.60	43.4	1	0.5	113.5	0.09	0.05	0.13	0.358	0.17
F060286		220	0.6	26.0	0.002	0.02	0.38	44.0	1	0.5	102.5	0.09	0.07	0.14	0.380	0.12
F060287		210	0.8	33.9	<0.002	0.02	0.51	45.2	1	0.8	117.0	0.09	0.11	0.15	0.386	0.16
F060288		220	0.8	31.4	0.003	0.05	0.61	46.2	1	0.7	122.5	0.09	0.09	0.15	0.394	0.16
F060289		210	0.9	29.1	0.003	0.03	0.64	45.9	1	0.8	125.5	0.09	0.05	0.15	0.387	0.17
F060290		500	9.9	38.9	<0.002	0.04	0.71	7.9	<1	0.9	211	0.43	0.27	3.16	0.212	0.20
F060291		210	1.0	16.8	<0.002	0.03	0.73	44.3	<1	0.6	146.0	0.08	0.07	0.14	0.383	0.10
F060292		210	1.3	31.3	0.002	0.02	0.65	43.6	1	0.5	143.5	0.10	0.06	0.15	0.386	0.16
F060293		1020	6.7	48.0	<0.002	0.18	0.58	29.8	1	0.9	244	0.26	0.07	2.43	0.557	0.36
F060294		220	1.4	36.2	<0.002	0.03	0.79	43.5	<1	0.5	172.0	0.08	<0.05	0.14	0.377	0.23
F060295		230	1.4	42.3	0.002	0.05	0.51	45.0	<1	0.6	143.0	0.09	0.06	0.19	0.384	0.24
F060296		220	1.7	28.4	0.002	0.03	0.51	45.7	1	0.4	192.0	0.08	<0.05	0.16	0.382	0.16
F060297		1880	7.7	178.5	0.002	0.22	0.22	18.0	<1	1.1	543	0.33	<0.05	4.84	0.445	1.67
F060298		260	2.7	53.0	0.003	0.03	0.40	44.4	<1	0.7	243	0.09	<0.05	0.29	0.380	0.30



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.1	1	0.1	0.1	2	0.5
F060258		0.1	281	1.0	19.0	82	25.2
F060259		<0.1	275	1.2	17.3	72	21.6
F060260		1.5	211	17.1	14.7	4030	27.0
F060261		<0.1	257	0.8	15.8	64	16.7
F060262		<0.1	253	1.1	16.0	62	20.9
F060263		<0.1	251	0.9	15.4	63	15.4
F060265		<0.1	248	1.1	14.6	65	16.8
F060266		0.6	153	0.7	13.2	57	70.6
F060267		<0.1	248	0.7	14.6	65	16.2
F060268		<0.1	253	1.1	15.5	67	20.2
F060269		<0.1	241	4.1	15.6	60	19.3
F060270		<0.1	240	8.0	15.4	62	17.2
F060271		<0.1	246	2.9	15.5	64	15.0
F060272		<0.1	257	6.9	15.9	59	20.0
F060273		<0.1	254	4.9	16.0	61	22.1
F060274		<0.1	254	1.2	14.8	67	16.0
F060275		<0.1	252	0.8	15.4	65	19.6
F060276		0.1	254	2.0	15.7	64	21.0
F060277		<0.1	251	0.9	15.5	61	20.1
F060278		<0.1	267	0.6	16.2	68	23.1
F060279		<0.1	259	0.7	15.8	61	21.7
F060280		0.1	3	<0.1	2.5	2	1.8
F060281		0.1	266	0.7	16.4	61	22.3
F060282		0.1	280	0.5	17.2	76	26.5
F060283		<0.1	260	1.2	16.4	67	20.7
F060284		<0.1	270	0.9	16.5	60	22.5
F060285		<0.1	246	0.9	15.0	58	20.8
F060286		<0.1	254	1.2	15.2	63	18.3
F060287		<0.1	256	1.2	15.8	56	20.0
F060288		<0.1	263	1.0	15.9	61	21.2
F060289		<0.1	259	0.9	16.0	63	22.7
F060290		1.3	39	26.2	18.8	49	62.1
F060291		<0.1	259	0.7	15.6	67	20.7
F060292		<0.1	256	0.8	15.4	65	20.1
F060293		0.9	226	2.0	19.5	74	92.1
F060294		<0.1	257	1.1	15.0	59	21.8
F060295		0.1	260	1.1	15.8	64	22.5
F060296		<0.1	257	0.8	15.8	67	23.2
F060297		1.5	164	0.7	16.9	86	152.5
F060298		0.1	254	1.2	15.9	61	24.9



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
F060299		3.06	0.132		0.11	7.74	5.1	140	0.47	0.36	7.51	0.07	11.80	40.7	159	1.32
F060300		<0.02	0.075		0.11	7.57	6.0	140	0.56	0.34	7.24	0.08	12.80	43.7	153	1.41
F060301		2.24	0.140		0.04	7.28	8.6	70	0.15	0.22	7.39	0.03	4.73	42.1	173	0.95
F060302		3.51	0.737		0.30	7.34	17.0	80	0.17	2.92	8.37	0.13	4.80	52.8	172	0.86
F060303		1.60	0.029		0.25	8.38	2.8	760	2.09	0.32	5.50	0.16	61.6	28.7	40	4.14
F060304		2.75	0.014		0.10	7.79	16.8	130	0.42	0.35	6.44	0.06	11.25	51.7	168	1.01
F060305		2.66	0.010		0.07	7.44	12.0	30	0.18	0.22	7.85	0.05	4.91	46.2	178	0.53
F060306		3.28	0.009		0.06	7.71	6.8	50	0.15	0.18	7.46	0.03	5.39	49.2	183	0.84
F060307		1.67	0.037		0.11	8.52	1.3	700	2.19	0.26	4.93	0.09	56.1	29.7	50	4.56
F060308		2.61	0.017		0.13	7.79	5.1	60	0.21	0.24	8.52	0.07	5.34	49.1	180	0.57
F060309		2.06	0.022		0.18	8.05	4.7	300	0.97	0.28	7.30	0.12	26.8	41.3	138	0.81
F060310		0.92	<0.001		<0.01	0.18	0.4	10	0.05	0.01	20.8	<0.02	2.87	0.6	3	0.13
F060311		1.26	0.007		0.02	8.68	0.7	640	2.37	0.18	5.35	0.05	65.7	25.5	22	1.82
F060312		2.66	0.089		0.12	7.79	2.4	80	0.21	0.44	8.38	0.07	5.36	46.8	178	0.74
F060313		3.51	0.001		0.05	8.69	0.8	750	2.65	0.14	4.93	0.08	71.8	26.2	18	4.50
F060314		1.94	0.020		0.13	7.67	1.4	100	0.31	0.18	7.71	0.08	7.73	45.4	204	0.60
F060315		0.83	0.001		0.03	8.71	0.3	740	2.52	0.12	5.12	0.07	63.5	24.6	35	2.87
F060316		2.33	0.006		0.07	8.15	1.5	90	0.33	0.23	8.43	0.05	9.42	46.3	205	0.55
F060317		4.01	0.086		0.07	7.76	3.8	50	0.14	0.52	8.25	0.05	4.73	45.1	210	0.55
F060318		2.44	0.008		0.05	7.28	3.9	30	0.13	0.18	7.69	0.04	4.78	43.6	207	0.38
F060319		2.61	0.008		0.04	7.31	1.9	50	0.15	0.13	7.11	0.03	4.11	43.1	225	0.51
F060320		0.11	0.486		0.32	7.42	4.2	870	1.05	1.36	1.86	0.07	26.6	6.2	15	0.52
F060321		2.71	0.015		0.07	7.65	1.7	40	0.15	0.23	7.98	0.06	4.80	43.9	225	0.41
F060322		3.49	0.008		0.14	7.50	6.7	40	0.12	0.20	8.27	0.07	4.40	46.3	206	0.44
F060323		1.41	0.007		0.05	6.94	7.3	80	0.26	0.33	8.05	0.04	8.01	38.9	177	0.95
F060324		3.05	0.006		0.07	7.36	4.8	30	0.15	0.15	7.95	0.03	4.67	46.7	213	0.40
F060325		2.45	0.019		0.06	7.39	6.3	50	0.16	0.40	8.19	0.05	4.44	44.1	206	0.55
F060326		2.49	0.036		0.06	7.51	2.5	30	0.14	0.37	8.04	0.05	4.57	44.5	221	0.36
F060327		2.71	0.009		0.06	7.73	4.3	20	0.15	0.24	8.63	0.03	4.85	43.0	224	0.31
F060328		2.37	0.011		0.04	7.68	1.6	30	0.14	0.16	7.75	0.06	4.85	46.8	258	0.38
F060329		2.55	0.042		0.07	7.23	2.8	20	0.12	0.19	8.33	0.05	4.94	44.9	227	0.34
F060330		<0.02	0.028		0.08	7.49	3.7	20	0.13	0.19	8.34	0.06	5.12	47.2	238	0.37
F062001		3.14	0.006		0.08	7.86	3.2	30	0.16	0.13	7.82	0.05	5.11	46.8	245	0.30
F060332		2.41	0.023		0.06	7.63	2.8	30	0.15	0.14	8.71	0.07	4.96	45.4	235	0.26
F060333		2.68	0.020		0.07	7.68	1.4	20	0.17	0.15	8.36	0.05	4.93	44.6	246	0.22
F060334		3.13	0.109		0.05	7.67	5.2	20	0.14	0.25	8.72	0.04	4.93	45.1	232	0.22
F060335		2.51	0.045		0.06	7.74	2.3	20	0.14	0.21	8.59	0.06	5.13	46.1	235	0.25
F060336		2.64	0.015		0.05	7.63	2.5	20	0.14	0.47	8.19	0.02	4.91	43.8	228	0.22
F060337		2.93	0.077		0.05	7.35	2.5	10	0.15	0.22	8.07	0.03	4.51	40.5	217	0.19
F060338		2.87	0.020		0.07	7.45	3.6	40	0.18	0.20	8.17	0.05	5.05	42.6	217	0.34



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F060299		140.0	7.29	14.05	0.06	0.9	0.048	0.66	5.0	26.0	4.72	1240	0.97	1.61	1.8	146.5
F060300		142.0	7.20	15.10	0.05	1.1	0.052	0.66	5.5	29.5	4.60	1215	0.94	1.59	1.9	150.0
F060301		11.4	7.47	13.15	0.06	0.7	0.052	0.58	1.7	30.4	5.15	1265	0.69	1.22	1.3	153.0
F060302		514	7.72	12.80	0.07	0.7	0.071	0.59	1.7	22.1	4.41	1295	0.26	1.37	1.3	168.5
F060303		506	5.73	18.50	0.15	3.2	0.068	1.73	28.6	27.9	2.48	961	0.41	2.86	4.8	34.5
F060304		194.0	8.05	15.95	0.08	0.9	0.049	0.47	4.8	48.3	5.75	1385	0.23	1.07	1.9	152.5
F060305		157.5	7.83	13.30	<0.05	0.9	0.046	0.20	1.8	33.1	5.46	1395	0.21	0.41	1.4	156.0
F060306		93.7	7.85	14.55	0.07	0.6	0.037	0.33	1.9	33.5	5.67	1320	0.16	0.68	1.5	162.5
F060307		231	5.98	17.95	0.15	3.0	0.047	1.88	25.7	32.4	2.68	1040	0.42	2.79	4.7	44.6
F060308		198.0	8.04	14.25	0.05	0.7	0.048	0.35	2.0	23.5	4.78	1325	0.32	1.28	1.5	160.0
F060309		269	7.12	15.40	0.09	1.6	0.057	0.79	12.1	21.5	3.93	1210	0.32	1.94	2.7	114.5
F060310		1.6	0.16	0.43	<0.05	0.1	0.010	0.14	1.9	5.4	13.35	54	0.15	0.03	0.4	4.5
F060311		56.4	5.62	18.70	0.14	3.4	0.046	1.35	30.3	26.1	2.31	980	0.13	3.30	5.3	21.6
F060312		152.5	7.84	14.00	0.06	0.8	0.055	0.55	1.9	22.0	4.92	1330	0.50	1.30	1.4	161.0
F060313		58.3	5.62	20.2	0.17	3.7	0.049	1.76	32.7	29.0	2.27	980	0.12	3.09	5.6	18.6
F060314		178.5	7.45	13.55	0.05	0.7	0.046	0.38	3.2	20.2	4.77	1265	0.53	1.73	1.4	127.5
F060315		48.5	5.62	18.60	0.16	3.5	0.046	1.61	29.4	28.2	2.39	959	0.08	3.03	5.1	24.8
F060316		111.5	7.72	15.00	0.06	0.9	0.052	0.35	3.9	23.8	5.08	1310	0.34	1.49	1.7	139.5
F060317		126.5	7.40	14.60	0.05	0.7	0.050	0.34	1.7	24.7	4.92	1235	0.48	1.23	1.3	141.5
F060318		98.4	7.17	12.85	<0.05	0.6	0.049	0.18	1.7	24.9	4.89	1200	0.23	1.25	1.3	133.5
F060319		79.8	7.19	12.25	0.05	0.6	0.044	0.32	1.4	24.0	4.96	1215	0.49	1.24	1.3	136.0
F060320		42.5	2.28	13.95	0.09	2.1	0.034	1.77	13.1	3.2	0.52	680	2.28	3.35	6.4	10.6
F060321		128.5	7.41	15.10	0.05	0.6	0.046	0.22	1.7	22.6	4.93	1185	0.27	1.29	1.3	140.5
F060322		356	7.41	12.95	0.05	0.6	0.042	0.24	1.5	22.8	4.81	1240	0.26	1.25	1.3	134.5
F060323		102.0	6.65	13.20	0.05	0.9	0.038	0.39	3.3	45.9	4.16	1185	0.65	1.26	1.6	121.0
F060324		83.1	7.58	12.70	<0.05	0.6	0.049	0.18	1.7	25.4	4.72	1300	0.25	1.21	1.3	143.0
F060325		111.5	7.30	12.90	<0.05	0.5	0.042	0.32	1.6	33.5	4.88	1270	0.73	1.20	1.3	138.0
F060326		120.5	7.49	14.15	0.05	0.6	0.047	0.17	1.7	31.3	4.47	1260	0.51	1.29	1.3	137.5
F060327		114.0	7.65	14.25	<0.05	0.7	0.048	0.14	1.7	25.5	4.67	1325	1.09	1.07	1.4	131.5
F060328		78.8	8.19	13.95	0.05	0.6	0.045	0.19	1.7	27.4	5.36	1395	0.21	1.33	1.4	133.0
F060329		153.0	7.80	15.00	0.05	0.6	0.054	0.12	1.7	26.0	4.87	1270	0.29	0.93	1.4	125.0
F060330		138.0	8.13	15.45	<0.05	0.6	0.053	0.12	1.8	29.7	5.13	1325	0.41	0.93	1.5	130.5
F062001		140.5	7.89	14.10	0.05	0.7	0.058	0.16	1.8	26.4	4.86	1375	0.24	1.55	1.4	137.0
F060332		115.0	7.87	13.50	<0.05	0.8	0.050	0.14	1.8	21.8	4.95	1400	0.36	1.59	1.4	135.5
F060333		97.2	7.75	14.00	<0.05	0.7	0.050	0.12	1.8	18.4	4.81	1330	0.34	1.42	1.4	132.5
F060334		88.0	7.66	14.15	<0.05	0.7	0.050	0.10	1.8	22.4	4.60	1350	0.27	1.18	1.3	132.5
F060335		104.0	7.77	14.05	0.05	0.7	0.048	0.14	1.8	23.7	4.86	1380	0.72	1.22	1.4	133.0
F060336		89.8	7.77	13.15	<0.05	0.6	0.047	0.09	1.8	28.7	4.92	1375	0.43	1.40	1.4	129.5
F060337		64.7	7.45	12.60	<0.05	0.5	0.044	0.06	1.6	28.1	4.45	1300	0.23	1.45	1.2	117.5
F060338		109.5	7.73	13.55	0.05	0.7	0.052	0.23	1.8	28.8	4.54	1330	0.21	1.43	1.4	122.5



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F060299		390	1.9	49.0	<0.002	0.05	0.34	38.2	1	0.7	209	0.10	0.11	0.67	0.382	0.27
F060300		390	1.9	49.7	0.002	0.04	0.38	41.2	<1	0.7	207	0.11	0.09	0.70	0.377	0.29
F060301		210	2.6	38.5	0.002	<0.01	0.57	40.6	1	0.6	118.0	0.09	0.05	0.13	0.370	0.22
F060302		210	1.5	46.5	0.002	0.18	0.39	41.1	2	1.0	133.0	0.08	1.21	0.14	0.370	0.25
F060303		1530	4.6	118.5	<0.002	0.16	0.21	20.9	1	1.0	370	0.26	0.06	4.23	0.410	1.16
F060304		370	2.1	25.3	<0.002	0.07	0.45	42.9	1	0.5	136.5	0.11	0.07	0.62	0.395	0.26
F060305		200	1.2	15.5	<0.002	0.08	0.50	41.7	1	0.5	94.3	0.08	0.06	0.14	0.380	0.12
F060306		210	1.5	28.3	0.002	0.03	0.47	45.9	1	0.5	114.5	0.09	<0.05	0.17	0.391	0.20
F060307		1510	5.3	124.0	<0.002	0.15	0.13	21.5	1	1.1	403	0.25	<0.05	3.84	0.423	1.28
F060308		220	2.3	23.4	<0.002	0.11	0.53	45.0	1	0.6	213	0.09	0.05	0.15	0.395	0.15
F060309		720	3.9	39.1	<0.002	0.16	0.33	35.1	1	0.8	314	0.14	0.05	1.73	0.400	0.29
F060310		10	1.6	3.3	<0.002	0.07	<0.05	0.3	1	<0.2	61.0	<0.05	<0.05	0.30	0.010	0.02
F060311		1750	6.7	59.5	<0.002	0.27	0.28	18.2	1	1.0	491	0.30	<0.05	4.68	0.437	0.54
F060312		220	2.0	41.5	<0.002	0.07	0.38	45.3	1	0.7	213	0.09	0.15	0.16	0.398	0.23
F060313		1810	8.5	114.5	<0.002	0.18	0.20	18.5	1	1.1	536	0.29	<0.05	4.97	0.440	1.25
F060314		280	3.5	24.1	0.002	0.09	0.29	42.0	<1	0.5	239	0.09	0.05	0.37	0.365	0.19
F060315		1740	8.1	87.3	<0.002	0.22	0.13	18.6	<1	0.9	465	0.29	<0.05	4.54	0.415	0.91
F060316		350	3.0	22.4	0.003	0.10	0.39	46.0	1	0.5	228	0.10	<0.05	0.46	0.391	0.16
F060317		210	0.9	24.5	0.002	0.08	0.33	46.0	1	0.7	104.5	0.08	0.10	0.14	0.365	0.16
F060318		210	0.8	10.5	<0.002	0.03	0.26	43.5	<1	0.5	92.5	0.07	0.05	0.12	0.350	0.08
F060319		200	0.7	21.3	<0.002	0.06	0.23	43.4	1	0.5	82.5	0.08	<0.05	0.14	0.351	0.12
F060320		490	10.0	38.8	<0.002	0.04	0.77	7.3	<1	1.0	205	0.43	0.27	3.09	0.208	0.16
F060321		220	0.8	11.8	<0.002	0.07	0.30	45.4	1	0.6	114.5	0.08	<0.05	0.14	0.371	0.10
F060322		210	0.8	15.4	<0.002	0.08	0.34	43.5	1	0.4	97.1	0.08	0.05	0.14	0.363	0.11
F060323		250	0.8	23.4	<0.002	0.09	0.16	39.4	1	0.5	81.6	0.10	0.12	0.42	0.339	0.15
F060324		190	0.9	10.0	<0.002	0.05	0.35	44.5	1	0.5	110.5	0.08	<0.05	0.14	0.362	0.08
F060325		190	0.7	21.0	<0.002	0.06	0.27	43.6	1	0.6	89.2	0.08	0.16	0.13	0.355	0.12
F060326		200	0.7	9.7	<0.002	0.11	0.25	42.7	1	0.5	93.1	0.07	0.15	0.14	0.367	0.08
F060327		210	0.7	7.1	<0.002	0.05	0.37	43.2	1	0.5	96.3	0.08	0.07	0.13	0.382	0.05
F060328		220	0.7	10.5	<0.002	0.07	0.26	45.5	1	0.5	92.9	0.09	<0.05	0.16	0.396	0.08
F060329		200	0.7	6.5	<0.002	0.06	0.29	43.7	1	0.7	115.0	0.08	0.06	0.15	0.363	0.04
F060330		210	0.7	7.2	<0.002	0.06	0.26	46.5	<1	0.9	112.0	0.09	0.07	0.16	0.383	0.06
F062001		220	0.6	8.5	0.002	0.07	0.26	45.1	1	0.5	94.0	0.08	<0.05	0.14	0.391	0.07
F060332		210	0.6	6.0	0.002	0.09	0.31	45.2	1	0.5	89.5	0.08	<0.05	0.14	0.387	0.05
F060333		220	0.7	5.8	<0.002	0.08	0.27	44.5	1	0.5	94.2	0.08	<0.05	0.14	0.386	0.05
F060334		220	0.7	4.3	0.002	0.07	0.29	44.4	1	0.5	96.2	0.08	0.09	0.13	0.383	0.03
F060335		210	0.7	6.4	<0.002	0.07	0.26	45.3	1	0.5	95.4	0.08	0.05	0.15	0.393	0.04
F060336		210	0.7	3.5	<0.002	0.06	0.32	43.5	1	0.4	93.0	0.09	0.24	0.14	0.388	0.04
F060337		200	0.5	1.9	<0.002	0.05	0.35	38.9	1	0.6	95.0	0.08	<0.05	0.12	0.359	0.02
F060338		210	0.8	10.1	<0.002	0.09	0.39	40.3	<1	0.7	121.0	0.09	<0.05	0.15	0.390	0.06



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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U ppm 0.1	V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
F060299		0.2	243	1.3	14.5	63	32.9
F060300		0.2	239	1.5	15.8	62	36.4
F060301		<0.1	251	1.8	14.4	63	20.1
F060302		<0.1	249	16.3	14.2	61	18.5
F060303		1.5	168	1.1	16.2	80	125.5
F060304		0.2	251	1.0	15.6	59	29.1
F060305		<0.1	247	0.7	14.3	48	17.0
F060306		<0.1	257	0.9	15.5	48	14.9
F060307		1.4	177	0.7	15.6	87	121.0
F060308		<0.1	259	1.0	15.5	68	24.4
F060309		0.6	224	1.0	15.4	74	59.1
F060310		0.1	3	0.1	1.9	<2	2.8
F060311		1.7	167	0.8	16.1	81	138.5
F060312		<0.1	261	0.8	15.4	66	20.2
F060313		1.8	163	0.8	17.0	88	146.0
F060314		0.1	251	0.9	14.2	63	23.9
F060315		1.6	162	0.8	16.0	83	137.5
F060316		0.1	262	0.9	15.8	64	29.2
F060317		<0.1	254	1.0	14.7	58	18.1
F060318		<0.1	245	0.9	13.8	57	15.7
F060319		<0.1	242	1.0	13.5	57	25.1
F060320		1.4	38	20.1	18.2	47	61.5
F060321		<0.1	257	1.0	14.6	57	16.5
F060322		<0.1	242	0.8	13.7	58	16.6
F060323		0.1	223	1.4	13.6	61	20.2
F060324		<0.1	247	1.2	14.0	62	15.6
F060325		<0.1	243	1.4	14.0	63	16.8
F060326		<0.1	247	1.2	14.2	64	15.0
F060327		<0.1	256	1.2	14.4	67	17.3
F060328		<0.1	262	1.1	14.5	70	15.0
F060329		<0.1	244	1.2	14.2	61	16.5
F060330		<0.1	250	1.4	15.0	65	15.7
F062001		<0.1	258	0.9	15.0	72	23.2
F060332		<0.1	254	0.9	14.6	70	16.1
F060333		<0.1	255	1.0	14.8	66	17.2
F060334		<0.1	251	1.2	14.6	67	17.0
F060335		<0.1	256	1.0	15.0	70	16.2
F060336		<0.1	254	1.0	14.4	68	16.7
F060337		<0.1	243	5.1	12.7	60	13.2
F060338		<0.1	253	1.5	14.0	66	26.2





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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	Au-GRA22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
F060339		1.05	0.689		0.03	4.53	9.4	10	0.08	2.82	4.74	0.02	3.09	23.0	157	0.39
F060340		1.28	0.001		0.01	0.20	1.0	10	0.05	0.01	20.2	<0.02	2.83	0.8	4	0.11
F060341		2.99	0.012		0.07	7.17	7.2	30	0.14	0.31	7.37	0.06	4.00	37.2	213	0.31
F060342		3.74	0.030		0.10	7.94	6.1	60	0.12	0.35	8.48	0.05	4.83	39.2	233	0.33
F060343		0.98	>10.0	41.1	1.52	4.89	37.6	80	0.13	57.3	5.63	0.04	2.58	36.8	169	0.52
F060344		0.87	0.007		<0.01	0.18	0.3	10	<0.05	0.04	20.4	<0.02	2.56	0.7	3	0.11
F060345		0.93	0.176		0.05	7.18	15.2	120	0.25	0.56	7.77	0.04	4.14	37.6	224	0.57
F060346		3.42	0.011		0.06	8.38	4.3	80	0.44	0.09	6.56	0.04	33.0	29.5	129	0.30
F060347		2.58	0.023		0.09	7.42	6.8	40	0.25	0.20	7.54	0.04	8.43	44.0	153	0.30
F060348		2.76	0.007		0.05	7.50	4.3	30	0.14	0.17	8.05	0.04	4.80	41.7	223	0.26
F060349		2.86	0.019		0.19	7.01	1.8	80	0.26	0.30	6.73	0.12	8.57	35.4	172	0.68
F060350		0.11	6.43		89.8	7.53	458	740	0.80	0.50	5.14	22.6	42.3	23.7	76	2.50
F060351		2.37	0.019		0.17	7.11	0.5	170	0.43	0.12	5.61	0.10	16.55	33.7	106	1.39
F060352		2.38	0.013		0.19	7.34	0.5	130	0.39	0.10	6.30	0.12	13.85	37.8	115	1.26
F060353		2.19	0.013		0.09	6.99	<0.2	260	0.66	0.06	4.02	0.06	23.2	19.1	54	1.84
F060354		2.72	0.014		0.10	6.47	0.6	250	0.81	0.07	2.79	0.02	19.25	11.5	40	1.52
F060355		2.30	0.001		0.12	7.39	0.3	320	0.71	0.19	2.08	0.04	23.7	4.8	13	1.49
F060356		2.32	0.001		0.09	7.30	0.3	290	0.60	0.09	3.73	0.03	16.00	15.6	27	1.73
F060357		2.11	<0.001		0.12	7.15	0.5	230	0.77	0.20	1.58	0.04	13.65	2.9	16	1.19
F060358		3.10	0.090		0.50	7.09	0.8	220	0.80	0.17	1.40	0.35	20.0	2.4	22	1.26
F060359		1.34	<0.001		0.11	7.37	0.7	250	0.74	0.18	1.55	0.04	25.4	2.9	15	1.40
F060360		<0.02	<0.001		0.10	7.33	0.9	250	0.83	0.18	1.50	0.04	23.4	2.8	15	1.39



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 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F060339		34.7	4.69	7.87	0.05	0.3	0.026	0.05	1.1	59.4	4.73	669	4.21	0.40	0.8	74.1
F060340		1.2	0.17	0.47	0.11	0.1	0.006	0.13	1.8	5.3	13.20	58	0.23	0.03	0.3	1.6
F060341		82.4	7.11	12.65	0.05	0.5	0.046	0.15	1.4	36.1	4.95	1095	0.64	1.13	1.1	116.5
F060342		147.0	7.51	13.60	0.05	0.6	0.051	0.27	1.7	22.3	4.48	1245	1.74	1.45	1.2	125.0
F060343		256	5.45	8.51	<0.05	0.3	0.051	0.36	0.9	42.4	4.27	804	2.83	0.67	0.8	78.0
F060344		1.6	0.15	0.43	0.10	0.1	0.006	0.13	1.8	4.8	13.30	56	0.15	0.03	0.3	1.5
F060345		64.2	7.27	12.65	0.05	0.6	0.044	0.46	1.5	31.1	4.71	1180	0.29	1.49	1.2	116.0
F060346		76.8	6.13	14.95	0.06	2.3	0.041	0.20	15.4	28.8	3.11	988	0.71	2.27	4.2	107.0
F060347		125.0	8.26	14.30	<0.05	0.9	0.056	0.15	3.2	29.2	4.48	1385	2.17	1.41	2.3	134.5
F060348		66.8	7.80	12.75	0.05	0.6	0.050	0.12	1.7	30.2	4.93	1315	3.77	1.48	1.3	130.0
F060349		79.8	6.35	12.45	0.06	0.9	0.043	0.46	3.6	54.8	3.84	1100	4.23	1.63	2.2	108.0
F060350		764	6.44	16.60	0.09	0.8	0.093	1.52	21.9	24.7	2.57	998	16.60	1.98	22.0	52.1
F060351		111.0	7.00	14.75	0.06	1.7	0.051	1.61	6.8	36.2	3.04	1185	0.26	1.06	2.4	67.3
F060352		135.5	7.93	15.30	0.06	1.5	0.053	1.17	5.7	47.7	3.49	1325	0.29	1.42	2.4	78.4
F060353		57.1	4.33	14.95	0.07	2.2	0.033	2.05	9.7	33.7	1.78	792	0.37	2.08	4.6	40.6
F060354		36.2	2.92	14.60	0.09	2.3	0.024	1.92	7.6	23.2	1.09	582	0.71	2.54	7.0	23.2
F060355		15.0	1.60	14.55	0.15	2.2	0.016	2.08	10.0	15.6	0.46	384	0.85	3.14	6.5	8.6
F060356		29.6	3.32	13.80	0.09	1.8	0.023	2.73	6.4	40.5	1.66	652	0.59	1.94	3.2	41.6
F060357		15.8	1.15	15.00	0.15	1.6	0.015	1.98	5.9	12.0	0.27	319	1.02	3.35	6.3	4.2
F060358		9.7	1.04	14.15	0.12	1.9	0.011	2.47	7.9	14.4	0.22	277	1.55	3.13	5.6	3.6
F060359		9.2	1.22	14.95	0.13	2.5	0.014	2.57	10.7	17.4	0.27	348	0.99	3.22	6.7	4.0
F060360		7.7	1.21	15.10	0.15	2.5	0.013	2.55	9.7	17.7	0.27	343	0.94	3.23	6.8	4.0



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F060339		120	0.5	2.4	<0.002	0.05	0.05	23.1	<1	0.9	17.2	0.05	0.30	0.08	0.226	0.02
F060340		10	1.2	2.7	<0.002	0.06	<0.05	0.5	1	<0.2	59.0	<0.05	<0.05	0.29	0.010	0.02
F060341		190	1.7	5.4	<0.002	0.06	0.39	36.8	1	0.6	113.5	0.07	0.06	0.13	0.358	0.04
F060342		200	0.9	11.7	0.003	0.06	0.42	39.6	1	1.0	127.5	0.07	0.07	0.13	0.385	0.07
F060343		140	1.6	15.9	<0.002	0.27	0.18	25.6	2	1.1	41.4	0.05	7.17	0.08	0.248	0.10
F060344		10	1.1	2.6	<0.002	0.05	<0.05	0.4	1	<0.2	59.1	<0.05	<0.05	0.26	0.009	0.02
F060345		200	1.2	18.1	<0.002	0.07	0.35	37.1	<1	0.6	141.0	0.07	0.05	0.12	0.365	0.13
F060346		730	2.4	4.2	<0.002	0.04	0.33	24.1	<1	0.7	258	0.30	<0.05	2.16	0.438	0.07
F060347		300	1.2	4.8	<0.002	0.11	0.42	35.0	1	0.7	155.0	0.15	0.05	0.26	0.470	0.05
F060348		210	1.3	3.5	0.002	0.05	0.45	40.0	<1	0.5	142.0	0.08	<0.05	0.13	0.389	0.03
F060349		210	10.9	19.6	<0.002	0.06	0.22	31.6	1	0.7	86.0	0.29	0.10	1.86	0.329	0.12
F060350		1370	2580	43.4	0.018	1.34	234	19.1	5	2.2	392	1.12	0.31	2.35	0.557	0.44
F060351		330	4.2	62.8	<0.002	0.30	0.22	27.3	<1	0.6	115.5	0.26	0.05	2.19	0.306	0.33
F060352		330	4.6	48.6	<0.002	0.26	0.19	31.8	1	0.6	148.0	0.26	<0.05	1.82	0.354	0.24
F060353		330	4.9	67.2	<0.002	0.16	0.16	15.3	1	0.8	129.0	0.66	0.05	4.54	0.220	0.41
F060354		230	4.6	56.0	<0.002	0.10	0.14	8.7	<1	1.1	122.5	1.28	<0.05	6.86	0.163	0.37
F060355		260	13.1	66.7	<0.002	0.03	0.08	3.9	<1	0.7	160.0	0.97	<0.05	6.08	0.121	0.36
F060356		360	4.7	52.7	<0.002	0.04	0.14	11.2	<1	0.5	150.0	0.35	<0.05	2.08	0.169	0.42
F060357		170	14.5	58.7	<0.002	0.09	0.09	2.5	<1	0.7	174.0	0.90	0.06	5.36	0.091	0.29
F060358		140	18.4	62.7	<0.002	0.08	0.12	1.9	1	0.5	141.0	0.78	0.27	6.18	0.071	0.32
F060359		170	18.7	66.9	<0.002	0.09	0.12	2.6	<1	0.6	154.5	1.03	0.05	8.05	0.087	0.32
F060360		170	19.7	67.5	<0.002	0.09	0.14	2.6	<1	0.6	157.0	1.02	<0.05	8.34	0.083	0.34



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Project: McVicar

CERTIFICATE OF ANALYSIS TB22102956
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Sample Description	Method Analyte Units LOD	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F060339		<0.1	153	1.9	8.7	41	11.8
F060340		0.1	3	<0.1	1.7	2	2.6
F060341		<0.1	242	1.7	12.2	57	13.9
F060342		<0.1	257	3.3	13.5	61	15.5
F060343		<0.1	165	9.8	7.5	50	11.3
F060344		0.1	3	<0.1	1.6	<2	2.7
F060345		<0.1	246	1.2	12.3	66	13.2
F060346		0.6	181	1.3	15.7	70	88.5
F060347		0.1	255	1.5	16.6	71	25.5
F060348		<0.1	258	6.4	13.3	66	13.2
F060349		0.8	203	2.4	11.8	63	28.9
F060350		1.5	214	15.5	13.0	4120	29.2
F060351		0.7	216	1.9	4.3	91	59.0
F060352		0.7	244	1.9	4.2	98	51.3
F060353		1.9	121	2.2	5.8	58	82.9
F060354		3.3	77	1.7	5.7	39	75.5
F060355		2.5	28	1.7	5.2	31	67.9
F060356		0.9	77	2.4	3.6	51	71.3
F060357		4.4	17	1.4	4.4	21	47.5
F060358		3.0	14	1.6	4.0	50	48.3
F060359		4.0	16	1.6	5.1	24	65.9
F060360		4.7	16	1.6	5.2	22	64.1



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**CERTIFICATE OF ANALYSIS TB22102956**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method.            ME-MS61</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21		LOG-21d	LOG-23	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21		LOG-21d												
LOG-23	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-GRA22</td> <td style="width: 33%;">Au-ICP22</td> <td style="width: 33%;">ME-MS61</td> <td></td> </tr> </table>	Au-GRA22	Au-ICP22	ME-MS61												
Au-GRA22	Au-ICP22	ME-MS61														



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**CERTIFICATE TB22113217**

Project: McVicar

This report is for 117 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 2-MAY-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS TB22113217
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Sample Description	Method	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units LOD	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
F061065		1.45	<0.001	0.23	8.33	32.9	450	0.90	0.08	0.93	0.12	50.2	17.1	96	1.46	99.6
F061066		4.97	<0.001	0.25	7.97	67.4	500	0.78	0.06	0.71	0.49	44.4	16.8	119	1.63	41.2
F061067		4.76	<0.001	0.12	8.02	17.6	350	0.67	0.04	1.37	0.23	43.2	45.4	72	1.18	69.4
F061068		3.99	<0.001	0.05	8.27	11.0	370	0.76	0.04	0.50	1.27	39.5	36.1	77	1.16	23.8
F061069		4.30	<0.001	0.17	8.36	9.8	160	0.63	0.07	1.24	0.49	46.8	30.5	95	1.17	47.2
F061070		1.19	<0.001	<0.01	0.12	<0.2	20	0.07	<0.01	33.7	<0.02	1.12	1.3	2	<0.05	1.9
F061071		3.86	0.001	0.16	8.01	10.7	160	0.64	0.06	1.19	0.62	41.6	54.7	108	1.18	42.4
F061072		1.89	<0.001	0.11	8.34	15.8	220	0.77	0.06	0.41	0.72	42.0	29.8	113	1.36	31.4
F061073		2.11	0.002	0.91	6.67	65.0	150	0.49	0.14	3.97	0.32	39.2	26.1	282	0.93	28.5
F061074		2.51	0.003	0.87	7.63	105.5	330	0.45	0.32	3.12	0.73	40.4	15.5	88	1.36	30.0
F061075		2.50	0.029	1.95	7.87	770	380	0.32	1.08	0.17	2.52	41.6	18.4	77	1.82	54.4
F061076		5.19	0.006	0.87	7.44	208	330	0.48	0.27	2.52	4.97	32.3	18.5	93	1.40	78.3
F061077		4.24	<0.001	0.17	7.94	29.1	300	0.66	0.03	3.12	0.15	32.7	17.2	94	1.18	18.6
F061078		3.20	0.025	0.54	7.53	75.0	320	0.56	0.13	2.32	4.18	37.1	21.4	94	1.24	53.8
F061079		2.55	0.002	0.78	8.55	101.5	400	0.60	0.10	1.10	5.17	46.1	18.7	128	1.58	43.5
F061080		0.11	0.497	0.45	7.46	4.5	870	1.04	1.07	1.86	0.07	26.7	5.8	15	0.51	44.3
F061081		2.67	0.038	1.62	7.72	268	370	0.50	0.49	1.30	15.15	36.1	19.4	88	1.32	80.2
F061082		2.47	0.010	0.56	7.60	227	270	0.43	0.06	2.31	1.34	37.9	21.7	72	1.01	37.8
F061083		5.05	<0.001	0.18	7.81	35.1	430	0.67	0.04	0.56	0.11	36.3	9.0	19	1.54	22.6
F061084		5.23	<0.001	0.29	7.66	10.6	250	0.59	0.03	3.73	0.18	22.0	29.0	146	0.94	75.0
F061085		5.02	<0.001	0.15	7.69	17.0	290	0.63	0.04	3.94	0.10	33.0	19.1	142	1.17	37.0
F061086		1.97	<0.001	0.15	7.44	10.0	260	0.67	0.03	2.59	0.06	30.5	15.4	85	0.93	35.1
F061087		2.59	0.006	0.51	7.14	29.4	240	0.55	0.09	1.68	0.06	30.5	16.6	64	1.12	49.1
F061088		2.36	0.003	0.33	6.92	27.3	250	0.60	0.11	2.05	0.06	30.0	16.1	65	1.14	26.6
F061089		2.05	0.001	0.41	7.26	23.8	290	0.65	0.08	2.42	0.09	31.3	14.7	63	1.24	41.7
F061090		<0.02	0.001	0.44	7.13	25.6	290	0.66	0.10	2.38	0.10	31.2	15.3	63	1.24	40.8
F061091		2.42	0.001	0.52	7.20	17.2	290	0.65	0.14	2.60	4.88	30.7	16.7	67	1.19	35.1
F061092		2.25	0.001	0.30	7.45	47.6	260	0.60	0.07	3.00	0.11	22.7	24.4	116	1.22	49.9
F061093		2.11	0.001	0.66	7.59	49.9	180	0.29	0.01	6.05	0.17	4.68	53.0	255	1.02	139.5
F061094		2.27	0.013	2.55	7.45	278	120	0.32	0.75	5.78	30.9	9.84	42.1	179	0.70	246
F061095		4.54	0.003	0.63	7.40	64.4	10	0.38	0.02	7.14	0.18	10.60	47.1	166	0.17	178.5
F061096		4.79	0.006	1.39	7.25	104.0	80	0.14	0.18	6.19	20.1	3.65	45.6	207	0.37	209
F061097		2.31	0.005	1.51	6.98	53.4	30	0.18	0.13	5.72	3.84	5.17	40.1	207	0.28	158.5
F061098		2.24	0.004	0.43	6.62	61.4	80	0.40	0.03	5.09	0.14	7.82	40.3	180	0.76	77.7
F061099		1.37	0.008	0.52	3.36	24.1	20	0.41	0.05	3.41	0.08	6.43	15.0	88	0.71	68.3
F061100		<0.02	0.010	0.63	3.33	26.8	20	0.44	0.05	3.66	0.11	6.73	15.8	86	0.70	84.4
F061101		1.40	0.006	0.46	7.37	90.6	110	0.33	0.02	5.58	0.08	4.12	56.3	207	0.85	124.0
F061102		2.03	0.014	0.60	5.57	141.5	150	0.35	0.46	3.67	2.86	27.3	18.2	63	0.81	50.7
F061103		1.31	0.132	1.47	6.81	8390	90	0.30	1.43	2.25	6.94	13.25	43.4	144	0.68	112.0
F061104		3.46	0.008	0.58	7.57	56.7	130	0.25	0.11	6.18	0.13	4.13	43.6	253	0.90	94.6



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**CERTIFICATE OF ANALYSIS TB22113217**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
F061065		4.42	20.1	0.11	3.5	0.033	2.16	23.9	61.1	1.52	1025	0.24	0.32	3.2	75.1	990
F061066		3.73	19.90	0.11	3.4	0.028	2.33	20.7	51.8	1.75	858	0.53	0.16	3.9	69.5	820
F061067		5.27	19.55	0.12	3.1	0.033	1.55	20.0	55.5	1.86	3840	0.45	1.15	2.7	72.8	810
F061068		4.54	19.75	0.10	3.3	0.029	1.52	18.2	60.8	1.84	4090	0.25	1.33	2.4	62.2	1030
F061069		3.26	20.2	0.13	3.4	0.032	1.36	22.2	67.4	1.31	1915	0.31	1.46	2.0	64.9	880
F061070		0.14	0.35	0.10	0.1	<0.005	0.02	1.2	1.6	1.39	133	0.05	0.04	0.1	0.4	80
F061071		4.42	19.40	0.12	3.2	0.039	1.37	19.6	77.6	1.77	3740	0.33	0.95	2.0	95.5	810
F061072		2.81	20.5	0.14	3.5	0.032	1.67	19.6	66.7	1.38	1460	0.52	0.90	3.2	92.3	810
F061073		3.89	15.60	0.10	2.7	0.027	1.18	18.6	75.0	4.15	1100	2.41	0.32	3.0	235	620
F061074		3.51	17.70	0.14	3.2	0.029	2.25	19.2	42.9	1.56	1695	0.45	0.36	3.8	55.7	750
F061075		3.82	20.1	0.13	3.3	0.040	3.18	20.1	5.6	0.08	39	0.47	0.41	2.7	56.0	720
F061076		3.70	18.60	0.11	2.9	0.058	2.30	15.8	39.0	1.39	1010	0.62	0.26	3.0	63.6	650
F061077		3.70	18.65	0.11	2.6	0.025	2.04	15.2	49.5	1.46	1220	0.66	0.42	2.7	49.3	710
F061078		3.97	18.50	0.12	2.8	0.041	2.13	17.8	44.0	1.39	2190	1.16	0.29	3.2	70.0	690
F061079		3.34	21.2	0.12	3.5	0.053	2.78	21.8	36.9	1.13	1185	2.05	0.29	3.2	65.3	820
F061080		2.30	13.65	0.12	1.9	0.029	1.76	13.3	3.5	0.50	658	2.23	3.35	6.4	9.5	490
F061081		3.72	18.85	0.12	2.9	0.170	2.51	17.4	32.3	1.16	1725	1.22	0.24	2.1	63.6	660
F061082		5.97	18.00	0.12	2.8	0.029	1.81	18.4	60.5	2.12	2700	0.78	0.18	2.3	73.0	670
F061083		2.18	20.4	0.10	3.7	0.020	2.80	18.1	23.3	0.64	483	0.73	0.32	3.0	19.8	580
F061084		4.55	18.70	0.13	2.3	0.041	1.19	9.5	75.4	2.23	1125	0.23	1.31	2.7	95.8	530
F061085		4.28	18.45	0.11	2.7	0.026	1.77	15.8	61.5	1.96	1040	0.69	0.49	2.7	78.2	640
F061086		3.29	20.0	0.12	2.9	0.028	1.48	13.5	52.1	1.80	665	0.58	1.71	3.0	54.2	660
F061087		4.61	17.35	0.12	2.5	0.026	1.70	15.0	47.5	1.53	733	6.65	0.54	2.0	50.9	550
F061088		4.06	17.80	0.10	2.7	0.024	1.81	13.8	52.0	1.65	904	0.93	0.46	2.4	49.1	580
F061089		3.87	18.05	0.11	2.8	0.021	2.07	14.6	45.5	1.60	1115	0.83	0.31	3.3	38.5	660
F061090		3.84	18.40	0.11	3.0	0.023	2.12	14.2	46.4	1.58	1075	0.79	0.31	3.2	42.6	660
F061091		3.69	18.00	0.11	2.7	0.023	2.02	14.2	48.2	1.59	1110	0.77	0.34	3.2	42.1	630
F061092		4.32	17.95	0.11	2.3	0.035	2.09	10.4	51.5	1.73	1255	0.69	0.28	2.8	67.0	500
F061093		4.98	15.75	0.10	0.4	0.055	1.84	1.5	65.0	2.50	1510	0.17	0.33	1.3	165.5	260
F061094		7.63	15.45	0.10	0.8	0.735	0.83	3.5	52.9	3.05	1635	0.47	0.76	2.4	134.5	340
F061095		8.14	15.05	0.10	0.9	0.064	0.01	3.8	24.4	3.29	1450	0.17	1.47	3.0	139.5	320
F061096		7.92	13.00	0.08	0.3	0.278	0.35	1.3	42.7	3.80	1785	0.12	0.93	1.1	149.0	210
F061097		9.58	13.05	0.08	0.6	0.085	0.11	1.9	37.5	4.09	1875	0.15	0.43	1.3	138.5	240
F061098		12.35	12.45	0.08	0.9	0.080	0.37	2.8	37.8	3.80	1865	0.16	0.62	2.1	118.5	320
F061099		19.85	6.70	0.09	0.6	0.042	0.08	3.0	12.5	2.45	1160	0.28	0.30	0.9	57.2	330
F061100		20.5	6.95	0.11	0.7	0.048	0.07	3.2	11.4	2.44	1255	0.32	0.28	0.9	59.2	360
F061101		8.74	14.80	0.07	0.6	0.056	0.41	1.5	50.0	4.43	1480	0.11	1.17	0.9	154.0	210
F061102		11.25	11.60	0.09	1.9	0.074	1.07	13.2	16.2	2.74	2380	0.61	0.05	2.3	51.1	560
F061103		10.40	12.40	0.09	1.0	0.082	0.64	5.9	58.8	4.30	2420	0.22	0.10	1.0	120.0	310
F061104		7.02	13.80	0.07	0.6	0.046	1.36	1.5	57.3	3.70	1825	0.10	0.19	1.0	137.0	210





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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22113217**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F061065		9.8	73.0	<0.002	0.18	4.03	12.6	1	0.8	163.0	0.23	<0.05	3.80	0.207	0.64	0.7
F061066		8.9	76.4	<0.002	0.17	3.77	12.2	<1	0.8	109.5	0.28	<0.05	3.20	0.238	0.63	0.7
F061067		6.2	51.9	<0.002	0.05	3.93	14.3	<1	0.7	123.5	0.19	<0.05	2.91	0.222	0.36	0.8
F061068		6.0	45.1	<0.002	0.04	5.71	14.6	<1	0.7	105.0	0.17	<0.05	3.03	0.182	0.35	0.8
F061069		8.1	43.1	<0.002	0.04	5.01	12.9	<1	0.7	149.0	0.15	<0.05	3.18	0.130	0.32	0.8
F061070		<0.5	0.5	<0.002	<0.01	0.08	0.3	2	<0.2	85.4	<0.05	<0.05	0.07	0.007	<0.02	0.3
F061071		7.2	42.9	<0.002	0.07	4.72	13.3	<1	0.7	130.0	0.15	<0.05	3.04	0.131	0.37	0.8
F061072		8.3	54.4	<0.002	0.11	5.98	12.4	<1	0.9	155.0	0.23	<0.05	3.40	0.186	0.47	0.8
F061073		7.9	39.0	<0.002	0.11	6.30	12.7	<1	0.6	133.5	0.20	<0.05	2.71	0.160	0.34	0.6
F061074		32.1	71.7	<0.002	0.73	4.63	12.5	1	1.3	88.2	0.27	<0.05	3.04	0.227	0.76	0.7
F061075		42.0	96.7	<0.002	4.18	7.24	10.2	1	2.3	62.0	0.18	<0.05	2.91	0.171	1.22	0.8
F061076		14.0	74.7	<0.002	0.83	4.44	11.0	1	1.1	50.4	0.20	<0.05	2.59	0.188	0.87	0.7
F061077		5.3	56.9	<0.002	0.22	3.97	10.6	<1	0.6	69.2	0.18	<0.05	2.19	0.215	0.76	0.6
F061078		10.4	67.4	<0.002	0.64	5.45	12.8	<1	0.9	49.1	0.21	<0.05	2.50	0.209	0.88	0.7
F061079		11.3	86.8	<0.002	0.40	4.06	14.2	<1	1.3	39.5	0.22	<0.05	3.01	0.216	1.08	0.8
F061080		8.6	38.7	<0.002	0.03	0.78	7.0	<1	1.0	204	0.41	0.25	2.82	0.204	0.16	1.2
F061081		45.9	78.6	<0.002	1.06	5.34	10.9	<1	1.8	32.0	0.14	<0.05	2.59	0.152	0.97	0.7
F061082		11.7	57.1	<0.002	0.82	3.43	11.0	<1	0.8	29.5	0.15	<0.05	2.42	0.169	0.68	0.6
F061083		6.2	94.8	<0.002	0.28	3.27	5.0	<1	0.7	34.7	0.22	<0.05	3.58	0.139	1.02	0.9
F061084		7.2	25.8	<0.002	0.15	3.01	21.6	1	0.6	76.4	0.17	<0.05	1.37	0.264	0.35	0.4
F061085		7.4	45.7	<0.002	0.35	2.40	13.9	<1	0.6	70.5	0.18	<0.05	2.20	0.203	0.46	0.6
F061086		5.5	32.3	<0.002	0.12	1.95	9.7	<1	0.6	63.1	0.20	<0.05	2.09	0.203	0.39	0.5
F061087		13.5	46.8	0.002	1.25	1.96	8.8	<1	0.5	47.6	0.14	0.18	2.23	0.130	0.45	0.9
F061088		14.2	42.4	<0.002	1.42	1.94	9.3	<1	0.5	49.3	0.18	<0.05	2.05	0.165	0.54	0.6
F061089		18.6	51.9	<0.002	0.87	1.75	8.8	<1	0.7	40.2	0.23	<0.05	2.20	0.208	0.65	0.7
F061090		21.1	48.4	<0.002	0.93	1.83	8.7	1	0.7	40.7	0.23	<0.05	2.14	0.199	0.67	0.6
F061091		87.2	48.3	<0.002	0.67	2.12	9.1	1	0.7	47.0	0.22	<0.05	2.11	0.212	0.61	0.6
F061092		6.8	47.8	<0.002	0.87	2.33	16.5	<1	0.7	38.2	0.20	0.05	1.59	0.253	0.76	0.5
F061093		6.6	32.3	<0.002	0.15	4.02	33.5	1	0.4	47.9	0.09	<0.05	0.12	0.372	0.72	<0.1
F061094		43.6	23.4	<0.002	1.11	4.82	31.7	2	1.0	76.9	0.14	<0.05	0.34	0.536	0.27	0.1
F061095		22.7	0.3	0.002	0.11	5.09	36.3	1	0.5	142.0	0.19	<0.05	0.28	0.557	<0.02	0.1
F061096		7.2	5.4	0.002	0.33	3.05	34.5	1	0.9	61.7	0.08	<0.05	0.09	0.390	0.09	<0.1
F061097		13.2	2.2	0.002	0.47	3.44	35.2	1	0.9	88.1	0.08	<0.05	0.21	0.370	0.04	0.1
F061098		1.3	11.4	<0.002	0.36	1.69	30.0	1	0.6	33.5	0.13	<0.05	0.21	0.451	0.10	0.1
F061099		2.6	2.4	<0.002	1.08	3.42	13.4	1	0.2	22.5	0.06	0.05	0.36	0.108	0.06	0.1
F061100		2.6	2.5	<0.002	1.18	3.90	13.3	1	0.3	24.1	0.06	0.05	0.39	0.111	0.06	0.1
F061101		1.3	9.4	0.002	0.04	1.27	41.2	1	0.4	53.1	0.06	<0.05	0.09	0.300	0.10	<0.1
F061102		3.0	32.0	<0.002	2.98	1.45	11.4	1	0.9	28.7	0.15	0.09	1.73	0.201	0.25	0.4
F061103		37.6	19.2	<0.002	3.06	10.30	30.1	2	1.5	23.4	0.07	0.06	0.47	0.197	0.14	0.2
F061104		3.7	34.0	<0.002	0.20	1.22	39.4	1	0.7	52.3	0.06	<0.05	0.10	0.329	0.27	<0.1



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F061065		93	0.4	10.9	85	146.0
F061066		89	0.3	10.0	65	142.0
F061067		113	0.2	11.7	145	135.5
F061068		110	0.2	10.7	178	147.0
F061069		94	0.1	10.3	233	147.0
F061070		2	<0.1	2.2	5	2.2
F061071		97	0.2	9.6	316	141.5
F061072		91	0.2	9.7	171	151.0
F061073		81	0.2	7.3	243	113.5
F061074		89	0.3	8.5	223	139.5
F061075		77	0.8	8.4	334	141.5
F061076		76	0.3	7.5	485	127.5
F061077		86	0.2	7.1	138	114.5
F061078		92	0.4	7.4	584	120.5
F061079		100	0.5	8.7	747	145.0
F061080		38	21.9	18.1	47	62.4
F061081		75	0.4	7.2	1920	122.0
F061082		87	0.3	7.5	399	119.0
F061083		44	0.3	6.8	74	156.5
F061084		140	0.1	7.1	107	94.5
F061085		93	0.2	7.4	86	118.0
F061086		73	0.1	6.5	78	124.0
F061087		65	0.2	6.6	80	102.0
F061088		68	0.1	7.3	80	110.5
F061089		70	0.2	7.4	116	117.0
F061090		71	0.2	7.4	113	119.5
F061091		74	0.2	7.4	610	113.5
F061092		121	0.2	8.3	96	93.7
F061093		247	0.2	11.5	142	13.7
F061094		253	0.5	16.1	3830	28.1
F061095		258	0.1	17.1	106	40.9
F061096		238	0.3	12.8	2760	10.7
F061097		224	0.3	14.6	656	18.8
F061098		217	0.5	15.3	149	44.0
F061099		87	0.2	4.7	81	20.7
F061100		83	0.2	5.4	75	23.5
F061101		252	0.5	8.2	143	24.2
F061102		85	0.9	5.6	510	78.7
F061103		187	0.8	3.8	1055	38.5
F061104		250	0.5	2.9	128	20.9



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To: NORTHERN DOMINION METALS/CROSS RIVER  
 VENTURE  
 1430-800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

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 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22113217**

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F061105		2.19	0.093	0.63	6.89	63.7	20	0.22	0.62	7.04	0.27	9.04	57.8	173	0.30	324
F061106		3.34	0.021	0.07	7.44	14.2	50	0.45	0.27	4.65	0.04	22.0	33.4	243	0.25	76.5
F061107		5.50	0.002	0.02	6.94	2.9	430	0.66	0.04	2.32	0.02	45.2	12.0	29	0.92	29.8
F061108		4.57	0.043	0.07	7.18	8.1	40	0.23	0.11	6.84	0.08	9.02	41.5	144	0.47	126.0
F061109		4.75	0.023	0.04	7.38	6.2	100	0.17	0.19	7.22	0.05	4.97	44.7	171	0.50	94.3
F061110		0.11	0.832	69.3	6.64	56.8	220	1.20	2.47	1.96	15.80	31.4	21.7	130	2.18	7300
F061111		4.80	0.014	0.07	7.22	10.4	50	0.15	0.08	7.17	0.05	5.08	42.7	160	0.54	92.6
F061112		2.41	0.007	0.06	7.65	6.5	50	0.14	0.09	7.67	0.03	5.08	44.8	176	0.58	99.5
F061113		2.46	0.034	0.02	7.16	4.7	70	0.15	0.24	7.63	0.08	4.90	39.1	165	0.65	30.5
F061114		2.42	0.010	0.04	7.37	6.7	50	0.18	0.10	7.69	0.10	5.38	45.8	173	0.89	82.3
F061115		2.53	0.120	0.52	6.82	8.2	160	0.14	0.46	6.29	0.22	4.82	64.5	176	1.42	1600
F061116		2.14	0.011	0.01	7.20	1.9	210	0.17	0.20	7.20	0.02	5.46	45.4	190	1.44	35.4
F061117		2.24	0.017	0.01	7.27	2.0	210	0.15	0.32	7.78	0.02	4.98	38.2	175	1.27	15.6
F061118		2.34	0.084	0.27	7.29	13.0	60	0.15	0.62	7.94	0.15	4.97	51.1	164	0.49	914
F061119		2.50	0.420	0.24	7.57	4.3	50	0.18	2.10	7.57	0.13	5.51	51.1	184	0.23	748
F061120		<0.02	0.355	0.24	7.62	3.1	50	0.17	1.88	7.55	0.13	5.21	49.4	183	0.24	719
F061121		2.65	0.307	0.33	7.45	6.3	40	0.23	2.40	7.49	0.11	7.57	46.4	171	0.27	476
F061122		2.53	0.092	0.13	7.63	6.8	50	0.15	0.67	7.64	0.08	5.17	46.1	172	0.30	278
F061123		4.55	0.035	0.06	7.33	5.1	40	0.15	0.16	7.76	0.03	5.05	40.7	171	0.24	47.4
F061124		4.43	0.024	0.06	7.41	4.8	30	0.14	0.19	7.80	0.06	5.21	41.6	187	0.25	87.6
F061125		2.28	0.068	0.06	6.80	8.5	30	0.12	0.23	7.82	0.05	4.53	42.6	180	0.32	83.0
F061126		2.60	0.121	0.26	7.01	10.4	30	0.15	1.44	8.93	0.10	4.60	40.8	190	0.34	444
F061127		1.21	0.115	0.22	6.70	17.2	10	0.11	0.54	8.76	0.14	4.37	37.0	204	0.24	377
F061128		3.02	0.361	0.41	6.97	8.0	30	0.10	1.78	8.49	0.10	4.46	40.8	202	0.52	648
F061129		2.41	0.025	0.07	7.35	6.3	20	0.12	0.37	8.06	0.03	5.09	41.4	204	0.38	139.0
F061130		0.93	<0.001	<0.01	0.07	0.6	10	0.05	0.01	33.8	<0.02	0.84	0.8	2	<0.05	1.8
F061131		2.10	0.058	0.22	7.25	9.6	20	0.15	0.96	8.08	0.08	4.61	43.5	211	0.23	390
F061132		1.62	0.056	2.08	6.42	17.8	10	0.11	2.63	7.62	0.54	4.05	52.3	193	0.19	3770
F061133		2.40	0.021	0.60	7.33	14.8	30	0.12	0.38	8.52	0.19	5.02	45.6	222	0.25	994
F061134		3.58	0.020	0.18	7.41	12.2	20	0.11	0.52	8.87	0.06	5.01	43.7	219	0.24	318
F061135		4.94	0.030	0.15	7.57	9.7	20	0.14	0.69	8.26	0.07	4.80	48.4	224	0.24	214
F061136		4.72	0.036	0.17	7.59	5.5	20	0.14	0.72	8.66	0.06	5.44	44.8	228	0.21	176.5
F061137		4.66	0.018	0.07	7.49	6.6	20	0.12	1.91	8.73	0.05	5.01	43.3	215	0.22	95.1
F061138		4.80	0.007	0.06	7.46	6.6	20	0.14	0.17	9.09	0.03	4.86	40.8	206	0.27	89.6
F061139		4.63	0.113	0.09	7.46	7.6	20	0.14	1.04	8.60	0.06	4.94	43.9	214	0.24	108.5
F061140		0.10	6.41	86.9	7.43	442	1380	0.81	0.49	5.03	22.0	42.7	25.2	76	2.83	757
F061141		2.47	0.105	0.19	7.32	12.4	30	0.16	0.70	7.98	0.09	4.93	44.5	220	0.28	207
F061142		1.24	0.233	0.33	6.54	7.3	10	0.14	3.04	7.60	0.15	8.27	37.9	182	0.20	492
F061143		3.74	0.122	0.12	7.48	6.0	40	0.16	1.13	8.47	0.06	5.01	40.7	225	0.26	152.0
F061144		4.66	0.080	0.05	7.64	8.7	50	0.14	0.39	7.97	0.04	6.04	43.9	210	0.31	75.3



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		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F061105		7.72	13.05	0.08	1.1	0.046	0.08	3.4	52.6	3.63	1130	0.35	1.84	1.6	131.0	260
F061106		5.26	13.30	0.08	1.9	0.030	0.06	10.3	44.5	4.29	843	0.41	2.48	2.9	198.0	410
F061107		2.91	17.65	0.12	2.0	0.021	1.23	21.2	19.8	1.53	415	0.60	3.26	4.9	20.9	630
F061108		8.25	14.10	0.09	0.9	0.053	0.09	3.3	29.7	4.04	1290	0.20	1.40	2.0	105.5	300
F061109		7.43	13.40	0.09	0.6	0.037	0.33	1.6	23.7	4.76	1145	0.17	1.47	1.3	159.0	200
F061110		5.18	17.80	0.14	0.9	0.216	2.32	14.4	12.6	2.01	735	264	1.67	8.5	142.0	670
F061111		7.49	13.45	0.09	0.6	0.041	0.23	1.7	30.9	4.74	1235	0.41	1.33	1.3	152.5	210
F061112		8.03	13.25	0.08	0.7	0.046	0.26	1.7	24.1	4.97	1325	0.21	1.30	1.3	162.5	210
F061113		7.24	13.20	0.08	0.7	0.040	0.41	1.6	23.6	4.71	1185	0.19	1.40	1.2	145.0	200
F061114		7.72	14.30	0.09	0.7	0.044	0.29	1.8	22.4	4.70	1245	0.21	1.53	1.4	150.0	210
F061115		8.29	14.15	0.10	0.8	0.071	0.83	1.5	35.0	5.99	1235	0.13	0.44	1.4	160.5	200
F061116		7.25	14.00	0.10	0.9	0.040	1.00	1.7	27.5	5.76	1215	0.15	0.59	1.4	162.5	210
F061117		6.92	12.35	0.11	0.7	0.043	0.96	1.6	22.9	5.48	1155	0.13	0.67	1.3	155.0	200
F061118		7.62	13.45	0.08	0.7	0.061	0.26	1.6	27.3	4.53	1235	0.10	1.57	1.3	150.0	200
F061119		8.30	15.25	0.09	0.7	0.060	0.14	1.8	13.4	4.65	1300	0.20	1.89	1.4	158.0	210
F061120		8.28	14.55	0.09	0.7	0.055	0.14	1.7	13.2	4.66	1285	0.18	1.89	1.4	157.0	210
F061121		8.26	15.05	0.08	0.9	0.061	0.12	2.5	16.2	4.43	1355	0.17	1.91	2.0	146.5	280
F061122		7.75	14.15	0.08	0.6	0.055	0.16	1.7	20.3	4.68	1280	0.13	1.77	1.4	154.5	200
F061123		7.46	13.00	0.08	0.7	0.051	0.17	1.7	16.6	4.89	1205	0.09	1.66	1.3	153.0	210
F061124		7.51	14.15	0.19	0.7	0.050	0.14	1.9	17.0	4.67	1215	0.77	1.45	1.4	152.5	200
F061125		7.29	12.90	0.14	0.6	0.043	0.16	1.6	19.0	4.82	1205	0.37	1.15	1.2	134.0	160
F061126		7.20	12.65	0.10	0.6	0.048	0.15	1.7	19.0	4.43	1205	0.48	1.18	1.2	126.5	190
F061127		6.45	11.75	0.08	0.5	0.042	0.06	1.6	19.8	3.86	1160	0.26	1.21	1.1	114.0	170
F061128		6.85	12.40	0.07	0.5	0.045	0.14	1.6	27.0	4.23	1175	0.32	1.23	1.2	125.5	180
F061129		7.51	13.50	0.06	0.5	0.047	0.10	1.9	26.6	4.46	1235	0.56	0.99	1.3	126.5	190
F061130		0.14	0.14	0.06	<0.1	<0.005	0.01	1.1	0.7	1.03	88	0.07	0.03	0.1	2.5	60
F061131		7.54	13.70	<0.05	0.6	0.055	0.12	1.7	14.2	4.27	1195	0.19	1.19	1.2	122.0	180
F061132		7.12	12.85	<0.05	0.5	0.115	0.06	1.5	13.9	3.61	1050	0.22	0.65	1.0	149.0	150
F061133		7.59	13.70	<0.05	0.7	0.064	0.12	1.9	14.6	4.32	1230	0.18	1.18	1.3	124.5	200
F061134		7.73	14.90	0.05	0.6	0.058	0.08	1.8	15.0	4.54	1255	0.16	1.05	1.3	131.0	200
F061135		8.07	12.95	<0.05	0.6	0.044	0.09	1.7	14.6	4.42	1285	0.18	1.24	1.3	137.0	190
F061136		7.73	13.90	0.05	0.7	0.046	0.11	2.0	13.6	4.36	1285	0.22	1.28	1.3	134.0	200
F061137		7.60	14.20	0.05	0.7	0.047	0.07	1.8	13.7	4.34	1270	0.27	1.10	1.3	132.0	190
F061138		7.21	13.85	<0.05	0.6	0.043	0.08	1.8	17.8	4.20	1210	0.31	1.15	1.3	128.0	180
F061139		7.53	13.80	0.05	0.6	0.046	0.09	1.8	16.6	4.39	1235	0.26	1.05	1.3	130.5	190
F061140		6.31	17.95	0.09	0.9	0.092	1.46	22.0	23.2	2.45	950	17.60	1.93	20.7	52.0	1330
F061141		7.58	13.25	<0.05	0.6	0.043	0.10	1.8	20.4	4.51	1225	1.21	1.03	1.3	130.5	180
F061142		7.00	13.35	<0.05	0.8	0.059	0.03	3.2	21.1	3.42	1080	3.05	0.56	2.1	98.6	280
F061143		7.37	14.05	<0.05	0.6	0.049	0.14	1.8	15.9	4.19	1200	2.03	1.20	1.3	125.5	190
F061144		7.20	14.60	<0.05	0.6	0.047	0.21	2.3	23.2	4.05	1130	0.32	1.16	1.5	137.5	200



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		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F061105		64.5	2.6	<0.002	0.63	0.80	32.1	4	0.8	94.6	0.11	0.08	0.43	0.331	0.03	0.1
F061106		4.0	1.4	<0.002	0.02	0.53	22.9	<1	0.6	156.5	0.21	<0.05	1.55	0.304	<0.02	0.5
F061107		2.4	42.7	<0.002	0.09	0.35	8.1	<1	0.5	160.0	0.29	<0.05	3.11	0.229	0.23	0.8
F061108		1.6	4.2	0.002	0.08	0.64	36.4	1	0.5	128.5	0.13	<0.05	0.33	0.482	0.04	0.1
F061109		1.1	13.0	<0.002	0.02	0.69	39.0	1	0.6	143.5	0.08	0.05	0.13	0.352	0.11	<0.1
F061110		1525	85.5	0.110	2.46	142.5	8.9	6	4.6	367	0.53	0.44	5.33	0.242	1.40	1.9
F061111		1.4	13.4	<0.002	0.03	0.52	39.3	1	0.5	93.8	0.09	<0.05	0.14	0.365	0.09	<0.1
F061112		1.0	14.9	<0.002	<0.01	0.56	40.7	1	0.4	110.0	0.08	<0.05	0.13	0.376	0.10	0.1
F061113		1.3	26.3	<0.002	<0.01	0.41	39.5	<1	0.6	92.8	0.08	0.11	0.13	0.353	0.17	0.1
F061114		3.1	18.3	<0.002	<0.01	0.57	42.0	1	0.6	102.0	0.09	<0.05	0.14	0.369	0.13	0.3
F061115		4.6	47.3	<0.002	0.26	0.44	30.0	3	1.0	52.1	0.09	0.34	0.12	0.367	0.59	0.8
F061116		0.8	64.4	<0.002	<0.01	0.51	35.0	1	0.7	78.5	0.10	<0.05	0.14	0.383	0.64	<0.1
F061117		0.6	65.5	<0.002	<0.01	0.50	40.8	1	1.4	80.9	0.08	0.05	0.14	0.372	0.53	<0.1
F061118		0.6	16.8	<0.002	0.12	0.33	40.9	2	0.8	84.5	0.08	0.27	0.17	0.370	0.13	<0.1
F061119		0.9	5.0	<0.002	0.11	0.52	42.8	1	0.7	133.5	0.09	0.57	0.14	0.390	0.06	<0.1
F061120		0.9	5.3	<0.002	0.10	0.51	42.2	1	0.6	130.0	0.09	0.53	0.14	0.388	0.06	<0.1
F061121		0.8	5.2	<0.002	0.09	0.36	39.9	1	0.9	129.5	0.13	0.96	0.22	0.478	0.05	0.1
F061122		0.8	8.4	<0.002	0.05	0.38	41.4	1	0.6	138.5	0.08	0.29	0.13	0.370	0.07	<0.1
F061123		0.8	8.6	<0.002	0.01	0.35	40.2	1	0.6	125.5	0.08	0.06	0.13	0.370	0.06	<0.1
F061124		3.4	7.0	<0.002	0.05	0.86	40.6	1	0.7	126.0	0.09	0.05	0.16	0.367	0.06	<0.1
F061125		1.6	9.3	0.002	0.02	0.57	38.7	1	0.8	94.9	0.08	<0.05	0.15	0.325	0.08	<0.1
F061126		1.5	8.1	0.002	0.04	0.74	37.8	1	1.1	88.3	0.07	0.29	0.14	0.330	0.07	<0.1
F061127		1.4	2.6	<0.002	0.06	0.67	37.8	1	0.7	84.0	0.07	0.19	0.12	0.304	0.03	<0.1
F061128		1.8	7.4	<0.002	0.01	1.85	39.3	1	0.6	76.9	0.07	0.54	0.13	0.327	0.05	0.3
F061129		1.3	4.7	0.002	<0.01	0.58	41.8	1	1.3	88.3	0.08	0.06	0.14	0.355	0.04	0.1
F061130		0.5	0.1	<0.002	<0.01	0.10	0.3	1	<0.2	86.8	<0.05	<0.05	0.05	0.005	<0.02	0.1
F061131		1.0	5.9	<0.002	0.10	0.60	39.5	1	0.8	92.2	0.08	0.27	0.14	0.341	0.06	<0.1
F061132		1.1	2.8	0.002	0.54	0.80	32.0	5	1.2	95.3	0.07	1.25	0.11	0.285	0.05	<0.1
F061133		0.9	5.4	0.002	0.16	0.61	40.1	2	0.8	89.5	0.08	0.14	0.14	0.347	0.06	<0.1
F061134		0.9	3.6	<0.002	0.05	0.59	43.4	1	0.9	98.5	0.08	0.09	0.15	0.354	0.04	0.1
F061135		0.8	3.3	<0.002	0.05	0.48	42.3	<1	0.9	82.3	0.08	0.16	0.15	0.368	0.04	0.1
F061136		1.0	4.6	<0.002	0.03	0.52	43.8	1	0.7	97.2	0.08	0.27	0.15	0.370	0.03	0.1
F061137		0.9	2.5	<0.002	0.05	0.68	42.3	1	0.6	112.5	0.08	0.98	0.14	0.356	0.03	<0.1
F061138		1.3	3.1	<0.002	<0.01	0.64	40.6	1	0.6	120.5	0.08	0.05	0.14	0.345	0.03	0.2
F061139		1.1	3.9	<0.002	0.06	0.61	42.5	1	0.6	122.0	0.08	0.43	0.15	0.359	0.04	<0.1
F061140		2500	43.9	0.020	1.32	218	20.3	5	2.3	383	1.18	0.34	2.60	0.538	0.45	1.6
F061141		2.4	4.6	<0.002	0.03	0.73	42.8	1	0.7	112.5	0.09	0.20	0.15	0.360	0.05	<0.1
F061142		1.6	1.3	<0.002	0.14	0.51	32.9	1	0.9	101.5	0.14	1.09	0.29	0.460	0.03	0.1
F061143		1.2	6.5	<0.002	0.06	0.62	43.0	1	0.7	120.5	0.09	0.37	0.15	0.358	0.06	<0.1
F061144		1.2	10.4	<0.002	0.07	0.56	41.7	<1	0.9	117.0	0.09	0.10	0.25	0.356	0.08	0.1



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F061105		218	0.9	5.5	91	38.6
F061106		136	0.5	10.7	60	74.8
F061107		67	0.5	6.5	45	79.9
F061108		261	0.8	16.8	81	31.1
F061109		241	1.2	13.9	50	20.5
F061110		103	11.8	11.3	3200	30.5
F061111		238	0.8	14.3	64	25.1
F061112		252	0.6	14.3	68	20.0
F061113		239	1.2	14.1	60	18.0
F061114		246	1.1	15.5	73	35.3
F061115		244	7.7	13.8	81	27.6
F061116		256	1.0	15.5	46	28.6
F061117		247	1.0	14.4	46	25.5
F061118		240	1.4	14.6	61	26.9
F061119		256	1.5	15.1	74	18.4
F061120		253	1.1	14.6	73	18.4
F061121		265	6.1	16.6	79	29.1
F061122		247	1.5	14.7	65	16.7
F061123		245	0.9	14.5	56	20.7
F061124		242	1.1	14.6	62	17.8
F061125		219	2.5	12.7	55	16.1
F061126		224	6.1	12.5	51	16.7
F061127		216	20.0	12.0	52	12.3
F061128		223	4.8	13.0	66	13.3
F061129		240	55.9	14.1	60	15.6
F061130		2	0.1	2.0	2	1.1
F061131		236	5.6	13.4	58	15.5
F061132		199	66.1	11.5	90	13.0
F061133		242	1.3	13.9	66	16.9
F061134		241	10.2	14.8	56	16.6
F061135		248	6.2	14.1	60	18.2
F061136		254	2.1	15.3	58	15.9
F061137		245	1.5	14.5	56	16.6
F061138		240	4.9	13.9	56	17.4
F061139		246	1.9	14.4	58	15.6
F061140		207	17.8	13.7	3940	29.9
F061141		247	2.6	14.0	61	13.5
F061142		236	7.4	15.2	59	19.3
F061143		247	2.3	14.7	57	15.2
F061144		244	2.3	15.0	56	18.4



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F061145		4.90	0.026	0.06	7.44	8.5	50	0.15	0.24	7.79	0.05	5.14	45.8	219	0.45	93.5
F061146		4.54	0.012	0.05	7.57	5.9	60	0.19	0.20	7.78	0.04	9.21	39.7	194	0.43	80.6
F061147		4.84	0.004	0.05	7.89	3.9	60	0.19	0.17	7.41	0.05	9.76	39.9	196	0.35	89.6
F061148		4.69	0.029	0.06	7.33	2.8	30	0.15	0.76	8.35	0.05	4.97	41.3	211	0.22	85.9
F061149		4.92	0.047	0.07	7.51	8.6	40	0.19	0.26	8.05	0.05	8.58	42.6	180	0.30	112.0
F061150		<0.02	0.040	0.07	7.48	8.8	40	0.18	0.26	7.98	0.06	7.84	40.0	179	0.28	106.0
F061151		3.52	0.117	0.08	7.13	5.5	50	0.25	0.37	7.23	0.03	11.85	40.7	167	0.48	95.4
F061152		3.64	0.008	0.19	7.13	7.1	20	0.18	0.19	7.10	0.05	7.02	54.7	163	0.56	150.5
F061153		4.91	0.007	0.04	6.70	4.0	50	0.17	0.18	7.07	0.05	5.57	49.6	159	0.67	83.9
F061154		4.35	0.007	0.06	7.21	5.1	50	0.13	0.22	7.59	0.06	6.00	49.3	148	0.58	113.5
F061155		3.10	0.006	0.07	7.31	5.1	40	0.14	0.15	7.07	0.05	5.59	43.6	203	0.47	109.0
F061156		4.47	0.030	0.08	6.95	4.6	30	0.12	0.37	7.45	0.04	4.98	39.8	222	0.47	114.5
F061157		5.04	0.420	0.11	7.55	5.8	30	0.17	1.09	8.40	0.05	5.41	42.5	241	0.34	134.0
F061158		3.27	0.005	0.07	7.75	3.1	30	0.16	0.20	7.65	0.05	5.42	41.5	253	0.24	91.5
F061159		1.23	0.024	0.08	7.32	3.5	10	0.23	0.56	6.85	0.04	7.48	39.7	222	0.30	108.0
F061160		1.24	<0.001	<0.01	0.09	<0.2	20	<0.05	0.01	33.4	<0.02	0.97	0.6	3	<0.05	1.5
F061161		2.54	0.006	0.07	7.20	12.4	30	0.18	0.12	6.87	0.04	5.17	43.7	259	0.48	88.3
F061162		2.32	0.003	0.08	7.10	9.0	40	0.12	0.09	7.33	0.04	4.56	40.4	245	0.52	96.6
F061163		2.29	0.005	0.09	7.19	14.0	100	0.15	0.16	7.89	0.06	8.03	42.1	242	0.97	120.0
F061164		1.97	0.008	0.09	7.39	13.1	70	0.20	0.40	7.40	0.05	5.26	45.9	257	0.74	120.5
F061165		3.05	0.077	0.15	7.35	2.6	40	0.47	0.22	7.58	0.08	18.60	50.0	157	0.28	211
F061166		2.52	0.016	0.09	7.17	3.7	90	0.19	0.21	7.81	0.07	5.65	45.6	275	0.55	111.0
F061167		2.44	0.036	0.06	7.27	4.2	80	0.18	0.24	8.08	0.04	6.12	45.9	282	0.45	56.7
F061168		4.71	0.007	0.06	7.30	6.4	150	0.48	0.12	5.91	0.03	15.55	34.3	184	0.82	61.0
F061169		4.60	0.004	0.10	7.03	3.0	110	0.31	0.11	6.59	0.05	13.10	39.4	208	0.88	85.8
F061170		0.11	0.474	0.34	7.21	4.6	850	1.02	1.23	1.80	0.07	26.7	6.5	15	0.53	45.5
F061171		2.30	0.002	0.15	6.82	0.6	150	0.25	0.20	7.57	0.08	5.58	43.8	202	1.44	87.2
F061172		2.31	0.004	0.40	6.45	0.6	110	0.25	0.49	6.23	0.12	6.14	37.4	228	1.07	194.0
F061173		2.27	0.005	0.35	6.76	0.7	160	0.43	0.46	5.34	0.12	14.80	31.3	151	1.13	141.0
F061174		4.55	0.032	0.17	7.20	0.6	240	0.71	0.11	4.90	0.13	28.0	25.1	85	1.69	78.1
F061175		4.48	0.010	0.11	6.82	0.8	320	0.74	0.12	3.51	0.05	24.7	16.4	34	1.70	38.4
F061176		4.64	0.003	0.09	6.77	1.1	320	0.87	0.13	2.60	0.07	20.2	10.3	17	1.97	24.2
F061177		2.22	0.001	0.10	7.21	1.5	230	0.98	0.40	1.62	0.03	22.0	3.9	10	1.71	8.2
F061178		2.15	0.001	0.08	7.14	1.1	300	0.87	0.27	2.17	0.04	25.8	7.8	12	1.81	22.0
F061179		2.20	0.004	0.05	7.65	0.4	270	0.68	0.13	3.41	0.04	20.6	19.8	25	1.92	27.8
F061180		<0.02	0.004	0.06	7.67	0.7	270	0.68	0.11	3.35	0.03	19.45	20.0	25	1.95	28.8
F061181		2.21	0.154	0.20	7.18	1.0	350	0.83	0.22	2.40	0.03	23.0	9.8	14	1.98	51.4



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F061145		7.49	14.20	0.05	0.7	0.043	0.27	1.8	21.8	4.61	1225	0.61	1.21	1.4	136.5	190
F061146		7.18	13.65	<0.05	0.8	0.045	0.30	3.8	24.3	4.16	1155	0.34	1.39	1.7	118.0	250
F061147		7.02	13.85	<0.05	1.0	0.046	0.24	4.1	20.5	4.03	1150	0.35	1.67	1.9	120.5	270
F061148		7.42	13.35	<0.05	0.6	0.041	0.14	1.8	14.4	4.50	1205	0.70	1.41	1.3	126.0	190
F061149		7.53	15.90	<0.05	0.9	0.056	0.20	3.2	22.7	4.32	1215	3.78	1.31	2.3	120.5	280
F061150		7.53	14.85	<0.05	0.8	0.053	0.21	2.9	21.8	4.29	1205	4.24	1.30	2.2	114.5	280
F061151		7.82	16.00	0.05	1.3	0.062	0.20	4.5	29.7	4.33	1250	2.13	1.16	3.1	108.5	370
F061152		8.62	15.35	0.05	0.8	0.053	0.19	2.6	33.1	5.39	1385	0.56	0.87	1.5	220	240
F061153		7.91	13.65	0.05	0.7	0.044	0.44	2.0	24.8	5.35	1250	0.53	1.05	1.4	221	220
F061154		7.90	14.80	<0.05	0.8	0.051	0.36	2.1	24.1	5.14	1245	2.22	1.03	1.5	208	230
F061155		7.41	14.45	0.06	0.6	0.046	0.30	2.0	30.3	4.70	1190	1.97	1.31	1.4	129.5	210
F061156		7.02	13.00	0.05	0.4	0.047	0.23	1.8	41.4	4.17	1150	11.80	1.36	1.3	120.5	190
F061157		7.23	14.25	<0.05	0.6	0.049	0.20	2.0	22.0	4.25	1215	0.50	1.33	1.4	129.5	210
F061158		7.65	13.80	<0.05	0.6	0.043	0.14	1.9	19.4	4.35	1280	0.13	1.62	1.4	129.0	210
F061159		7.74	14.80	0.05	0.8	0.052	0.06	2.9	32.5	4.04	1250	6.55	1.63	1.8	111.0	230
F061160		0.13	0.25	0.08	<0.1	<0.005	0.02	1.2	0.8	0.95	89	<0.05	0.03	0.1	1.0	60
F061161		7.43	14.65	0.06	0.5	0.043	0.18	1.9	59.1	4.35	1250	2.19	1.57	1.2	126.0	210
F061162		7.17	13.75	0.05	0.6	0.046	0.24	1.7	56.0	4.27	1230	1.28	1.17	1.1	120.5	200
F061163		6.83	14.10	0.06	0.5	0.046	0.74	3.2	58.4	4.08	1160	3.37	0.85	1.7	122.5	250
F061164		7.24	14.70	0.06	0.4	0.046	0.49	1.9	55.1	4.37	1180	13.00	1.30	1.4	132.5	200
F061165		8.61	15.85	0.09	1.1	0.060	0.13	7.6	18.5	3.71	1440	2.32	1.51	5.1	108.0	360
F061166		7.41	14.85	0.08	0.7	0.047	0.44	2.1	22.4	4.58	1290	15.10	1.48	1.5	139.0	210
F061167		7.49	15.65	0.09	0.7	0.044	0.38	2.3	22.0	4.40	1260	5.28	1.33	1.5	136.0	200
F061168		5.68	15.20	0.08	1.3	0.039	0.85	7.0	40.5	3.21	962	6.61	1.84	3.6	99.9	260
F061169		6.26	15.05	0.08	1.0	0.045	0.72	5.7	61.4	3.70	1050	5.93	1.43	2.7	115.5	290
F061170		2.25	15.00	0.14	2.1	0.031	1.72	13.1	3.2	0.50	648	2.17	3.31	6.5	10.3	480
F061171		6.93	13.90	0.09	0.6	0.046	1.12	2.1	65.0	4.12	1185	40.6	0.46	1.2	130.0	200
F061172		6.44	13.20	0.06	0.6	0.049	0.73	2.5	55.2	3.78	1030	17.25	0.99	0.9	116.0	200
F061173		5.58	14.65	0.08	1.4	0.041	1.23	6.9	42.5	2.91	978	19.40	1.17	2.9	87.8	220
F061174		4.46	16.70	0.12	2.3	0.036	1.98	13.5	29.9	2.00	883	2.06	2.05	4.1	50.5	330
F061175		3.35	18.10	0.14	2.7	0.026	2.19	11.1	28.0	1.26	631	0.35	2.26	4.5	27.5	400
F061176		2.46	18.30	0.12	2.4	0.020	2.41	8.8	20.3	0.80	494	0.42	2.57	5.6	17.0	320
F061177		1.30	17.40	0.12	2.5	0.012	2.32	10.0	20.1	0.30	297	2.03	3.17	8.7	5.4	210
F061178		1.87	16.75	0.14	2.2	0.016	2.21	11.8	29.6	0.60	406	1.99	2.87	6.5	12.3	300
F061179		3.41	17.25	0.14	2.1	0.023	2.60	9.4	57.7	1.63	618	0.74	2.01	4.7	46.5	390
F061180		3.38	17.40	0.15	2.1	0.024	2.60	8.7	57.8	1.62	616	0.61	1.97	4.7	46.1	380
F061181		2.04	16.85	0.17	2.1	0.018	2.61	10.2	38.0	0.77	425	0.93	2.54	5.5	20.6	280





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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F061145		1.3	15.1	<0.002	0.06	0.60	44.6	<1	0.8	130.5	0.09	0.05	0.16	0.359	0.11	<0.1
F061146		1.0	16.2	<0.002	0.09	0.37	38.8	<1	0.7	117.0	0.11	<0.05	0.48	0.361	0.10	0.1
F061147		1.3	12.1	<0.002	0.06	0.36	39.3	1	0.6	131.0	0.14	<0.05	0.65	0.368	0.09	0.2
F061148		1.0	6.6	<0.002	0.06	0.52	41.9	1	0.6	118.0	0.09	0.11	0.15	0.355	0.05	<0.1
F061149		1.0	9.0	<0.002	0.10	0.51	41.1	1	0.8	115.5	0.14	0.07	0.29	0.478	0.07	0.1
F061150		1.0	8.7	<0.002	0.10	0.49	38.6	1	0.7	113.0	0.13	0.06	0.28	0.473	0.07	0.1
F061151		2.4	6.0	0.002	0.02	0.45	38.8	1	1.0	98.7	0.20	0.12	0.43	0.586	0.06	0.3
F061152		1.1	10.7	<0.002	0.02	0.47	36.2	1	0.6	94.4	0.10	<0.05	0.19	0.397	0.11	0.1
F061153		0.8	30.7	<0.002	0.04	0.28	32.0	<1	1.0	77.7	0.09	<0.05	0.15	0.354	0.20	<0.1
F061154		0.9	24.9	<0.002	0.06	0.34	33.8	1	0.8	97.7	0.09	0.08	0.17	0.368	0.17	<0.1
F061155		0.7	19.0	<0.002	0.06	0.31	40.9	<1	0.7	84.6	0.10	<0.05	0.16	0.379	0.12	<0.1
F061156		0.5	13.5	<0.002	0.05	0.19	37.9	<1	0.8	70.7	0.08	0.06	0.15	0.349	0.08	<0.1
F061157		1.0	11.7	<0.002	0.07	0.52	40.6	<1	0.7	113.0	0.10	0.37	0.15	0.373	0.08	<0.1
F061158		1.0	6.3	<0.002	0.06	0.49	40.7	<1	0.6	119.5	0.09	<0.05	0.16	0.387	0.05	<0.1
F061159		1.0	2.8	<0.002	0.21	0.36	39.0	1	0.8	107.0	0.12	0.19	0.26	0.407	0.03	0.1
F061160		1.1	0.5	<0.002	<0.01	<0.05	0.2	<1	<0.2	89.5	<0.05	<0.05	0.07	0.006	<0.02	0.1
F061161		<0.5	10.1	0.002	0.03	0.07	38.6	<1	0.5	47.1	0.08	0.05	0.18	0.374	0.06	<0.1
F061162		0.5	12.4	<0.002	0.04	0.13	35.1	<1	0.4	56.4	0.07	<0.05	0.15	0.361	0.08	<0.1
F061163		0.6	40.5	<0.002	0.03	0.15	35.8	<1	0.6	56.2	0.11	0.07	0.38	0.366	0.23	0.1
F061164		0.6	27.4	<0.002	0.03	0.16	38.6	<1	0.7	67.5	0.09	0.14	0.14	0.368	0.17	<0.1
F061165		1.8	4.8	0.002	0.14	0.49	32.0	1	1.2	250	0.31	0.05	0.57	0.531	0.04	0.1
F061166		1.7	20.7	0.003	0.03	0.50	41.1	1	0.9	153.0	0.09	0.06	0.15	0.371	0.14	<0.1
F061167		2.0	16.9	0.002	0.03	0.58	41.9	<1	0.8	165.5	0.09	0.05	0.16	0.369	0.12	<0.1
F061168		2.8	39.7	0.002	0.06	0.25	27.4	<1	0.7	126.0	0.43	<0.05	3.07	0.314	0.23	1.1
F061169		2.7	34.2	0.002	0.04	0.13	31.4	<1	0.7	100.5	0.24	<0.05	1.37	0.346	0.19	0.5
F061170		9.2	38.4	<0.002	0.04	0.78	7.1	<1	1.0	201	0.45	0.24	3.02	0.206	0.18	1.3
F061171		4.2	49.8	0.005	0.07	0.17	35.2	<1	0.6	128.5	0.08	0.05	0.19	0.309	0.26	0.1
F061172		3.0	31.5	0.002	0.06	0.12	32.9	<1	0.5	128.5	0.05	0.10	0.26	0.206	0.18	0.1
F061173		5.5	47.8	0.003	0.11	0.12	24.7	<1	0.8	147.0	0.39	0.18	3.17	0.229	0.24	1.3
F061174		5.9	83.5	<0.002	0.32	0.15	18.0	1	0.9	205	0.58	0.07	5.41	0.212	0.47	2.1
F061175		7.1	68.0	<0.002	0.07	0.14	11.2	<1	0.9	167.5	0.58	<0.05	4.36	0.191	0.48	1.7
F061176		7.2	74.2	<0.002	0.08	0.15	7.7	<1	0.8	157.5	0.74	<0.05	4.22	0.155	0.48	1.9
F061177		20.6	71.9	<0.002	0.06	0.16	3.1	<1	0.6	171.5	1.76	0.09	9.86	0.104	0.40	5.5
F061178		12.0	66.3	<0.002	0.05	0.22	5.3	<1	0.8	208	0.93	0.07	7.31	0.137	0.40	2.5
F061179		6.7	62.5	<0.002	0.03	0.31	13.0	<1	0.6	221	0.51	0.05	3.11	0.199	0.48	1.3
F061180		6.2	63.3	<0.002	0.03	0.31	13.2	<1	0.6	220	0.50	<0.05	2.80	0.199	0.47	1.3
F061181		9.4	77.6	<0.002	0.06	0.19	7.1	<1	0.7	172.0	0.71	0.07	4.51	0.134	0.49	1.5



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22113217**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
F061145		245	2.3	14.9	64	18.4
F061146		229	2.0	14.0	57	25.8
F061147		232	1.7	15.3	60	32.4
F061148		244	6.2	14.6	56	15.3
F061149		259	3.7	17.4	62	26.0
F061150		259	2.5	16.6	62	27.0
F061151		268	2.4	19.0	74	45.7
F061152		236	1.6	16.3	74	27.4
F061153		219	1.3	14.0	57	21.0
F061154		225	1.3	15.6	59	27.6
F061155		244	1.3	15.2	61	18.5
F061156		225	67.2	13.2	59	10.0
F061157		242	2.0	14.4	61	14.3
F061158		251	1.2	14.4	68	12.3
F061159		239	1.4	14.7	68	18.4
F061160		2	<0.1	2.1	4	1.4
F061161		243	2.6	15.6	69	14.6
F061162		236	1.5	14.2	69	12.5
F061163		229	4.6	14.5	62	18.1
F061164		243	1.8	15.0	62	11.7
F061165		227	7.5	16.1	83	38.3
F061166		250	2.6	15.9	68	16.1
F061167		243	2.6	15.6	62	14.4
F061168		175	1.3	14.3	52	43.7
F061169		202	2.4	14.8	60	36.6
F061170		38	20.6	18.6	45	65.3
F061171		222	1.3	13.9	66	18.5
F061172		205	2.3	5.6	65	36.3
F061173		173	3.2	5.4	68	43.9
F061174		127	3.2	7.7	57	79.2
F061175		87	2.4	5.9	52	92.3
F061176		58	2.6	4.9	39	78.2
F061177		21	1.8	6.1	22	57.1
F061178		34	2.2	8.0	34	65.1
F061179		78	2.9	7.3	53	76.7
F061180		76	2.9	7.2	53	74.6
F061181		40	2.9	7.2	36	66.8





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**CERTIFICATE TB22117508**

Project: McVicar

This report is for 303 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 5-MAY-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060361		2.03	<0.001	0.37	8.60	9.2	430	0.77	0.07	0.37	0.27	31.0	15.5	35	1.91	29.4
F060362		2.96	<0.001	0.98	8.46	1.8	430	0.87	0.04	0.27	0.06	32.1	14.1	31	1.60	19.6
F060363		1.86	<0.001	0.38	8.43	2.0	420	0.80	0.08	0.24	0.03	30.6	13.6	39	1.50	18.4
F060364		2.65	0.002	0.35	8.06	7.4	330	0.76	0.04	0.34	0.06	32.0	25.4	91	1.17	42.7
F060365		1.76	<0.001	0.30	8.66	5.4	370	0.95	0.02	0.51	0.02	55.7	23.3	166	1.37	42.2
F060366		2.38	<0.001	0.78	8.39	4.8	290	0.96	0.06	0.44	0.05	51.3	14.7	171	1.12	68.2
F060367		1.58	<0.001	0.32	7.89	32.5	210	0.61	0.09	0.36	0.12	55.0	19.2	167	0.94	43.5
F060368		0.92	<0.001	0.20	7.93	4.6	230	0.59	0.06	0.28	0.03	45.1	14.5	249	0.89	32.8
F060369		4.62	<0.001	0.18	7.38	28.6	270	0.64	0.05	0.32	0.21	34.0	16.7	167	1.05	37.5
F060370		0.93	<0.001	<0.01	0.11	<0.2	10	0.07	<0.01	32.1	<0.02	1.57	0.6	7	<0.05	0.9
F060371		5.08	0.012	0.82	7.21	19.2	240	0.60	0.15	0.60	0.18	28.7	26.3	135	0.86	164.5
F060372		2.51	<0.001	0.64	8.08	58.4	280	0.52	0.03	0.23	0.37	23.6	32.1	169	1.11	81.6
F060373		1.42	0.011	0.75	7.74	112.5	240	0.46	0.26	0.23	0.54	26.1	41.6	111	1.20	96.0
F060374		1.81	0.001	0.21	7.89	31.5	250	0.61	0.03	0.27	0.44	37.7	18.0	36	1.23	23.3
F060375		5.24	<0.001	0.29	7.64	42.4	410	0.64	0.05	0.19	0.67	39.4	14.8	39	1.33	26.2
F060376		4.98	0.007	0.59	7.74	36.9	320	0.57	0.02	0.26	0.54	39.5	31.3	85	1.14	41.3
F060377		1.87	0.002	0.32	7.78	17.6	420	0.67	0.03	0.24	1.07	37.7	24.8	99	1.69	35.8
F060378		2.82	0.256	32.6	7.28	4760	320	0.59	4.17	0.23	40.6	40.8	13.0	86	1.42	326
F060379		2.15	0.009	0.35	7.93	16.4	220	0.75	0.31	0.36	0.17	38.8	17.9	85	1.22	148.5
F060380		0.11	0.481	0.31	7.03	5.0	850	1.13	1.07	1.84	0.07	27.3	5.8	14	0.50	43.0
F060381		2.10	0.001	0.15	8.53	15.4	400	0.91	0.14	0.32	0.16	47.0	25.0	89	1.55	54.9
F060382		5.40	<0.001	0.18	8.04	12.2	440	0.74	0.02	0.36	0.07	37.3	20.9	74	1.67	27.7
F060383		1.93	<0.001	0.52	7.69	5.8	310	0.78	0.02	0.27	0.04	34.7	19.4	70	1.26	25.1
F060384		2.73	<0.001	0.82	8.23	11.6	380	0.90	0.12	0.36	0.08	39.7	16.4	71	1.59	39.1
F060385		1.44	<0.001	0.25	8.08	14.4	340	0.97	0.02	0.41	0.11	42.5	19.4	76	1.23	33.8
F060386		2.62	<0.001	0.35	7.90	57.5	350	0.74	0.03	0.29	3.38	45.3	18.9	99	1.36	32.3
F060387		1.88	0.075	1.16	7.63	121.5	420	0.57	0.05	0.22	22.5	40.0	15.5	88	1.77	44.5
F060388		2.52	0.004	0.50	7.44	97.3	430	0.64	0.05	0.23	2.35	38.4	29.8	89	1.67	35.8
F060389		1.42	<0.001	0.21	7.73	36.7	470	0.67	0.03	0.32	0.27	42.9	11.3	81	1.69	32.2
F060390		<0.02	<0.001	0.20	7.67	35.2	470	0.71	0.02	0.31	0.28	43.7	12.4	82	1.72	32.2
F060391		3.11	<0.001	0.25	7.97	14.8	380	0.83	0.04	0.83	0.09	41.3	11.1	101	1.45	27.7
F060392		4.08	<0.001	0.27	7.83	6.6	320	0.76	0.08	0.90	0.03	36.5	20.5	164	1.44	34.9
F060393		5.89	<0.001	0.21	8.19	21.2	310	0.82	0.05	1.19	0.04	37.0	20.2	86	1.49	46.1
F060394		5.48	<0.001	0.11	8.21	13.6	350	0.82	0.03	1.12	0.03	32.1	14.5	85	1.64	46.2
F060395		5.00	<0.001	0.11	8.19	32.1	370	0.70	0.06	1.16	0.02	36.2	23.6	86	1.61	53.9
F060396		6.40	<0.001	0.14	8.20	27.1	370	0.66	0.07	0.85	0.07	37.1	26.7	148	1.35	51.5
F060397		4.98	<0.001	0.13	7.03	4.1	330	0.79	0.02	3.75	0.03	32.0	16.6	89	1.21	36.4
F060398		4.66	<0.001	0.07	6.64	6.8	320	0.77	0.03	3.81	0.03	30.9	17.0	86	1.22	30.9
F060399		4.77	<0.001	0.06	6.92	3.4	310	0.74	0.02	3.48	0.03	32.9	15.4	92	1.29	31.0
F060400		1.35	<0.001	<0.01	0.10	<0.2	10	0.05	<0.01	31.2	<0.02	2.21	0.7	2	<0.05	1.2



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060361		3.21	20.2	0.12	3.3	0.030	2.65	16.6	37.5	1.57	622	0.11	0.29	3.3	26.9	890
F060362		3.19	21.8	0.10	3.3	0.027	2.48	14.7	52.8	1.89	541	0.07	0.38	3.4	23.6	820
F060363		3.09	21.3	0.10	3.3	0.029	2.41	13.7	60.9	2.07	264	0.05	0.28	3.5	26.4	840
F060364		4.29	21.5	0.10	3.4	0.032	1.90	14.0	60.5	2.24	1515	0.11	0.22	2.6	65.1	890
F060365		5.41	22.5	0.12	3.9	0.048	1.88	23.9	70.9	2.33	468	0.06	0.19	6.5	103.5	1870
F060366		4.31	22.7	0.12	3.9	0.034	2.24	19.4	59.5	1.98	444	0.06	0.34	4.4	87.1	1720
F060367		5.70	19.50	0.11	3.4	0.040	1.92	25.1	58.6	2.06	815	0.13	0.22	4.1	113.5	1400
F060368		4.89	19.20	0.11	3.2	0.029	1.81	19.8	70.1	2.84	639	0.06	0.24	2.5	115.5	1050
F060369		3.56	17.40	0.09	2.8	0.029	1.91	15.9	52.7	1.47	993	0.25	0.37	2.2	74.3	800
F060370		0.15	0.39	0.21	0.1	<0.005	0.04	1.4	2.4	3.82	75	0.05	0.03	0.2	0.7	50
F060371		5.69	16.55	0.09	2.5	0.036	1.38	13.0	63.0	1.84	1140	0.53	0.37	1.6	84.3	820
F060372		4.81	18.45	0.09	2.3	0.048	1.96	11.0	69.6	2.22	1030	0.26	0.27	2.1	94.4	600
F060373		7.02	17.60	0.07	2.4	0.035	1.91	12.7	50.5	1.43	1830	0.64	0.38	1.9	140.0	600
F060374		3.72	21.3	0.10	3.6	0.020	1.99	18.7	46.5	0.95	715	1.47	0.51	3.8	45.5	670
F060375		2.81	19.65	0.10	3.5	0.024	2.52	18.7	34.1	1.08	919	0.77	0.29	3.5	31.0	650
F060376		5.43	18.80	0.10	3.0	0.029	2.16	19.1	57.5	1.91	3780	0.60	0.18	2.8	71.2	920
F060377		3.25	18.90	0.10	3.3	0.037	2.84	18.7	30.4	0.94	3060	0.36	0.24	2.9	63.2	850
F060378		4.59	17.60	0.09	3.3	0.648	2.30	18.7	51.3	1.31	436	0.27	0.33	2.9	60.0	770
F060379		4.50	18.80	0.08	3.4	0.036	1.71	16.5	77.8	1.85	597	0.21	0.49	3.3	62.6	870
F060380		2.27	13.90	0.12	1.9	0.032	1.75	13.8	3.6	0.52	637	2.34	3.29	6.1	9.6	470
F060381		4.88	19.65	0.11	3.5	0.038	2.27	20.9	75.4	2.26	809	0.11	0.26	3.3	59.7	1110
F060382		3.87	19.75	0.11	3.3	0.028	2.22	17.0	78.3	2.14	634	0.08	0.20	3.3	55.3	990
F060383		3.82	18.80	0.09	3.2	0.027	2.00	15.7	82.5	2.36	573	0.11	0.27	2.7	62.6	870
F060384		3.46	20.4	0.09	3.3	0.030	2.53	18.7	63.8	1.62	786	0.37	0.38	2.8	56.3	1030
F060385		4.83	19.75	0.10	3.2	0.029	2.07	19.8	88.2	2.48	1430	0.19	0.28	2.6	62.5	1090
F060386		4.11	18.55	0.10	3.2	0.047	2.31	20.8	71.7	1.89	1155	0.35	0.29	2.9	62.2	960
F060387		2.52	18.70	0.10	3.4	0.047	3.09	19.5	12.6	0.19	99	0.38	0.40	2.3	46.3	780
F060388		3.82	18.35	0.09	3.2	0.032	2.92	18.3	17.5	0.24	155	0.45	0.39	2.3	70.2	750
F060389		2.50	18.35	0.12	3.2	0.025	2.80	20.2	37.5	0.68	472	0.57	0.34	3.1	38.1	880
F060390		2.44	18.60	0.11	3.1	0.028	2.77	20.6	39.2	0.68	452	0.50	0.34	3.1	39.1	890
F060391		3.68	19.00	0.11	3.2	0.029	2.05	19.1	84.7	2.17	630	0.11	0.26	4.1	67.7	870
F060392		4.27	19.15	0.11	2.9	0.031	1.71	16.8	99.2	2.95	664	0.13	0.16	4.8	98.8	900
F060393		4.33	18.65	0.10	3.3	0.031	1.83	17.5	90.9	1.96	780	0.52	0.32	5.2	61.2	880
F060394		4.49	19.35	0.10	3.3	0.033	1.91	14.6	93.4	2.24	763	0.19	0.24	6.0	64.3	900
F060395		5.12	18.75	0.10	3.1	0.034	1.98	17.1	79.5	1.71	800	0.63	0.24	5.1	56.8	830
F060396		4.72	19.10	0.11	3.1	0.040	1.83	16.9	88.5	2.35	725	0.81	0.29	4.8	77.1	890
F060397		3.28	17.30	0.12	3.4	0.030	1.65	14.1	59.8	1.80	767	0.22	1.49	4.9	55.7	750
F060398		3.24	17.95	0.12	3.4	0.026	1.62	13.5	60.2	1.69	598	0.26	1.46	4.7	56.5	730
F060399		2.95	17.25	0.12	3.4	0.028	1.71	14.8	52.5	1.60	515	0.30	1.63	4.1	47.8	730
F060400		0.12	0.37	0.18	0.1	0.005	0.05	1.7	2.4	3.66	77	0.05	0.03	0.2	0.4	50



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
F060361		6.6	70.6	<0.002	0.01	1.93	11.0	<1	0.7	26.6	0.24	<0.05	2.66	0.222	0.74	0.6
F060362		5.3	57.4	<0.002	<0.01	1.65	10.9	<1	1.1	44.0	0.24	<0.05	2.43	0.226	0.63	0.6
F060363		4.8	54.4	<0.002	<0.01	1.53	10.8	<1	0.7	36.3	0.24	<0.05	2.29	0.230	0.56	0.6
F060364		7.6	35.9	<0.002	0.02	1.56	11.5	<1	0.8	33.5	0.17	<0.05	2.36	0.170	0.44	0.5
F060365		5.8	44.2	<0.002	<0.01	2.31	14.9	<1	1.5	33.3	0.37	<0.05	2.48	0.394	0.39	0.5
F060366		6.6	49.7	<0.002	0.03	3.00	14.8	1	0.8	38.0	0.27	<0.05	2.44	0.277	0.49	0.6
F060367		7.3	48.1	<0.002	0.30	2.49	14.9	<1	0.8	41.1	0.23	<0.05	2.41	0.258	0.48	0.6
F060368		5.1	38.3	<0.002	0.01	1.76	16.0	<1	0.6	39.2	0.15	<0.05	2.53	0.173	0.42	0.6
F060369		9.9	49.4	<0.002	0.38	3.84	12.7	<1	0.6	33.4	0.15	<0.05	2.26	0.170	0.48	0.5
F060370		0.6	0.9	<0.002	0.03	<0.05	0.3	1	<0.2	83.7	<0.05	<0.05	0.11	0.006	<0.02	0.1
F060371		9.3	37.4	<0.002	0.24	4.11	14.1	<1	0.5	36.9	0.11	<0.05	2.02	0.124	0.37	0.5
F060372		8.0	55.7	<0.002	0.18	4.28	23.4	<1	0.6	30.4	0.15	<0.05	1.42	0.217	0.79	0.5
F060373		31.1	59.0	0.002	3.46	4.87	15.2	<1	2.0	45.2	0.12	<0.05	1.86	0.158	0.96	0.6
F060374		11.8	65.7	<0.002	0.36	3.80	8.1	1	0.7	70.0	0.27	<0.05	3.48	0.179	0.97	1.0
F060375		6.9	84.0	<0.002	0.23	3.48	7.3	<1	0.8	39.3	0.25	<0.05	3.41	0.183	1.04	0.8
F060376		4.0	70.2	<0.002	0.20	4.68	13.6	<1	0.7	25.6	0.19	<0.05	2.51	0.192	0.82	0.8
F060377		5.3	97.5	0.003	0.10	4.90	11.5	1	0.8	36.2	0.20	<0.05	2.94	0.183	1.10	0.8
F060378		265	73.1	<0.002	2.50	137.5	13.3	3	3.8	65.0	0.21	<0.05	3.09	0.177	0.83	0.7
F060379		6.1	50.6	<0.002	0.34	6.01	13.9	1	0.8	125.5	0.24	<0.05	3.28	0.199	0.47	0.7
F060380		9.3	37.9	<0.002	0.04	0.85	7.1	1	1.0	198.5	0.40	0.26	2.82	0.205	0.16	1.2
F060381		5.5	67.3	<0.002	0.01	3.13	14.9	<1	0.8	105.0	0.23	<0.05	3.44	0.223	0.59	0.7
F060382		4.3	58.7	<0.002	<0.01	2.38	11.1	1	0.7	72.0	0.23	<0.05	2.66	0.252	0.60	0.6
F060383		4.8	48.3	<0.002	<0.01	1.78	10.9	<1	0.7	99.9	0.19	<0.05	2.55	0.205	0.56	0.6
F060384		9.8	72.9	<0.002	0.12	2.46	12.0	1	0.7	143.5	0.18	<0.05	3.01	0.204	0.73	0.7
F060385		4.7	58.5	<0.002	0.05	3.57	11.3	1	0.9	111.5	0.18	<0.05	2.90	0.193	0.63	0.7
F060386		13.4	65.8	<0.002	0.90	3.42	12.6	1	0.9	102.0	0.20	<0.05	2.92	0.223	0.76	0.7
F060387		76.1	88.7	<0.002	2.72	4.28	10.2	1	1.4	108.0	0.16	<0.05	3.08	0.177	1.00	1.0
F060388		25.0	83.6	<0.002	3.73	3.86	10.4	1	0.7	105.5	0.16	<0.05	2.98	0.178	0.95	0.9
F060389		6.5	78.2	<0.002	1.01	2.99	9.9	<1	0.7	98.1	0.20	<0.05	2.98	0.230	0.88	0.8
F060390		6.0	80.5	<0.002	0.95	2.85	10.5	<1	0.7	98.9	0.21	<0.05	2.98	0.229	0.89	0.8
F060391		6.9	56.2	<0.002	0.26	3.36	11.8	<1	0.7	126.0	0.27	<0.05	2.86	0.292	0.60	0.6
F060392		11.6	44.4	<0.002	0.02	3.31	14.4	<1	0.7	98.4	0.31	<0.05	2.77	0.339	0.48	0.6
F060393		6.6	49.6	<0.002	0.52	3.60	13.9	<1	0.9	109.5	0.37	<0.05	3.03	0.315	0.52	0.7
F060394		4.3	48.3	<0.002	0.04	5.67	14.3	<1	0.9	72.2	0.40	<0.05	3.06	0.347	0.50	0.7
F060395		6.7	55.8	<0.002	0.81	6.63	15.6	1	0.8	54.7	0.35	<0.05	3.02	0.332	0.52	0.7
F060396		4.5	44.3	<0.002	0.30	2.74	19.5	1	0.8	58.0	0.32	<0.05	2.66	0.359	0.37	0.7
F060397		3.5	31.8	<0.002	0.01	1.79	10.1	<1	0.8	142.5	0.35	<0.05	2.54	0.289	0.30	0.6
F060398		2.8	29.5	<0.002	0.02	1.48	10.2	<1	0.8	135.0	0.33	<0.05	2.28	0.276	0.31	0.6
F060399		2.8	35.8	<0.002	0.01	1.25	10.0	<1	0.7	139.0	0.31	<0.05	2.56	0.254	0.33	0.6
F060400		0.6	1.1	<0.002	0.01	<0.05	0.4	1	<0.2	86.1	<0.05	<0.05	0.12	0.006	<0.02	0.1



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Project: McVicar

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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F060361		84	0.5	9.0	74	132.5
F060362		83	0.3	8.8	75	135.5
F060363		83	0.5	8.3	110	137.5
F060364		82	0.3	7.9	112	141.0
F060365		117	0.4	10.8	144	173.5
F060366		113	0.3	10.6	177	165.5
F060367		105	0.4	10.4	298	151.0
F060368		101	0.2	9.1	201	137.5
F060369		87	0.2	8.5	117	119.0
F060370		2	0.1	2.3	3	2.3
F060371		102	0.7	8.1	166	106.5
F060372		149	0.1	8.2	163	93.0
F060373		99	0.2	8.5	204	100.5
F060374		58	0.3	8.6	150	153.5
F060375		54	0.3	7.6	137	145.5
F060376		93	0.3	9.8	288	129.5
F060377		80	0.3	8.3	281	137.0
F060378		90	0.4	9.6	4830	136.5
F060379		98	0.3	10.5	307	151.5
F060380		37	18.0	18.3	48	63.6
F060381		105	0.4	11.8	245	150.0
F060382		85	0.3	10.0	193	138.0
F060383		82	0.2	8.8	192	131.5
F060384		90	0.3	10.9	184	142.0
F060385		83	0.3	10.1	212	136.5
F060386		92	0.3	10.3	439	135.0
F060387		81	0.2	9.8	2620	137.5
F060388		77	0.1	9.6	270	135.0
F060389		80	0.2	10.5	77	134.5
F060390		81	0.2	10.7	74	134.5
F060391		89	0.3	10.0	146	130.5
F060392		101	0.5	9.9	167	125.0
F060393		99	0.3	10.9	87	136.0
F060394		99	0.4	11.1	100	144.0
F060395		108	0.3	11.0	73	133.5
F060396		129	0.4	11.9	82	130.0
F060397		79	0.2	8.8	72	145.5
F060398		79	0.2	8.7	68	144.5
F060399		77	0.2	8.9	61	144.0
F060400		3	<0.1	2.4	2	2.1





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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
F060401		5.16	<0.001	0.09	6.64	4.3	340	0.69	0.02	3.91	0.04	31.2	14.4	86	1.37	27.1
F060402		4.79	<0.001	0.12	6.66	22.5	320	0.72	0.05	4.15	0.05	31.2	16.6	92	1.23	31.7
F060403		5.08	<0.001	0.17	7.55	19.6	370	0.73	0.07	1.97	0.05	43.0	14.9	107	1.68	29.2
F060404		4.19	<0.001	0.18	7.76	14.3	420	0.78	0.08	1.78	0.06	51.1	15.6	100	1.59	36.2
F060405		1.77	<0.001	0.22	6.52	6.8	30	0.54	0.10	7.64	0.08	43.6	34.5	241	0.20	72.2
F060406		3.77	<0.001	0.22	7.51	16.7	380	0.74	0.06	1.61	0.03	47.9	18.4	98	1.60	52.2
F060407		2.04	<0.001	0.13	7.59	31.9	340	0.64	0.07	1.46	0.02	45.0	22.3	100	1.68	36.9
F060408		2.37	0.001	0.14	7.79	29.2	350	0.72	0.10	0.53	0.02	47.9	22.6	116	1.68	36.9
F060409		2.40	<0.001	0.11	8.03	11.8	390	0.77	0.07	0.41	0.02	48.7	12.4	109	1.75	37.7
F060410		0.11	1.170	68.9	6.72	52.2	220	1.22	2.76	2.03	16.65	32.0	23.7	127	2.14	7190
F060411		2.50	0.002	0.17	7.93	14.0	400	0.69	0.09	0.37	0.06	56.9	12.1	120	1.92	41.7
F060412		2.06	<0.001	0.17	8.61	14.8	450	0.88	0.13	0.64	0.05	54.1	13.3	121	1.96	47.8
F060413		2.66	<0.001	0.22	8.11	14.7	480	0.83	0.11	0.80	0.03	49.8	13.1	115	2.02	34.6
F060414		2.51	<0.001	0.14	7.47	8.5	420	0.76	0.07	2.69	0.04	40.5	9.2	110	1.78	34.0
F060415		4.94	<0.001	0.11	7.61	10.6	340	0.79	0.06	3.04	0.04	40.2	14.2	89	1.52	36.7
F060416		5.24	<0.001	0.07	7.09	17.4	300	0.81	0.03	4.00	0.04	35.8	14.1	93	1.07	25.2
F060417		4.84	0.006	0.13	7.57	16.8	330	0.75	0.05	2.28	0.04	41.8	15.9	127	1.19	42.0
F060418		4.71	<0.001	0.12	7.36	9.5	320	0.77	0.05	2.80	0.04	41.2	16.5	146	1.13	39.4
F060419		4.95	<0.001	0.07	7.49	7.4	380	0.76	0.05	2.52	0.03	42.0	15.5	125	1.44	24.3
F060420		<0.02	<0.001	0.06	7.77	8.2	400	0.77	0.05	2.58	0.02	43.2	15.7	130	1.50	26.4
F060421		2.64	0.003	0.30	8.13	15.4	470	0.78	0.25	2.14	0.11	46.3	24.0	148	2.06	55.2
F060422		3.58	<0.001	0.07	8.12	23.4	360	0.78	0.02	2.59	0.02	41.4	20.5	143	1.13	23.8
F060423		2.69	0.001	0.37	7.33	25.2	10	0.13	0.02	8.85	0.22	4.92	46.3	185	0.12	113.5
F060424		5.76	0.002	0.31	7.45	19.8	10	0.22	0.02	7.80	0.17	8.43	44.0	225	0.15	89.3
F060425		3.29	<0.001	0.12	7.84	18.1	310	0.86	0.01	3.62	0.04	43.8	27.8	156	1.14	43.5
F060426		4.79	<0.001	0.13	7.67	8.9	350	0.73	0.02	4.05	0.04	44.5	26.5	166	1.33	46.4
F060427		2.34	0.005	0.15	8.00	21.3	490	0.78	0.06	3.20	0.04	45.3	31.2	165	1.77	45.2
F060428		2.57	<0.001	0.16	8.01	17.8	490	0.68	0.05	3.22	0.06	42.5	26.9	150	1.66	40.9
F060429		1.69	<0.001	0.08	7.48	6.3	480	0.69	0.04	1.64	0.02	47.8	14.7	128	1.63	16.9
F060430		<0.02	<0.001	0.08	7.89	5.5	500	0.71	0.05	1.68	0.03	51.3	14.0	130	1.69	19.4
F060431		1.32	0.007	0.24	6.93	30.3	210	0.62	0.23	1.93	0.07	36.4	26.6	106	1.64	50.2
F060432		4.51	<0.001	0.11	8.41	13.5	470	0.76	0.05	1.64	0.03	53.5	19.5	106	1.69	32.8
F060433		4.68	<0.001	0.12	7.27	20.7	280	0.76	0.07	3.91	0.04	45.9	26.4	103	1.10	35.0
F060434		4.26	<0.001	0.19	7.61	18.1	320	0.78	0.05	3.49	0.06	47.3	21.0	108	1.13	63.8
F060435		4.47	<0.001	0.16	8.16	14.1	450	0.86	0.06	2.00	0.05	53.6	16.1	111	1.80	46.7
F060436		5.23	<0.001	0.16	7.71	23.6	410	0.83	0.06	2.94	0.13	49.5	23.6	145	1.54	33.3
F060437		4.35	<0.001	0.21	7.63	22.9	380	0.84	0.08	3.16	0.04	53.5	22.4	116	1.43	39.5
F060438		2.74	<0.001	0.26	7.66	29.0	400	0.70	0.09	2.66	0.06	54.1	26.8	110	1.52	50.0
F060439		2.67	<0.001	0.16	7.85	10.1	350	0.73	0.05	2.58	0.05	52.8	17.4	73	1.41	44.5
F060440		0.11	6.53	88.9	7.39	437	1120	0.95	0.46	5.20	21.8	43.0	28.5	72	2.66	748



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060401		2.93	16.30	0.14	3.1	0.024	1.71	14.4	51.5	1.61	478	0.23	1.30	4.3	44.5	670
F060402		3.43	17.35	0.14	3.2	0.026	1.64	13.7	58.9	1.76	548	0.71	1.17	5.3	52.9	760
F060403		2.94	19.00	0.14	3.4	0.028	2.48	20.4	41.7	1.12	414	0.81	0.35	5.0	50.9	720
F060404		3.61	19.15	0.15	3.5	0.029	2.33	23.9	44.2	1.12	546	0.57	0.34	5.0	54.7	730
F060405		6.84	15.70	0.11	2.5	0.054	0.11	20.6	108.5	4.42	1750	0.39	0.14	3.9	72.4	1390
F060406		2.80	18.60	0.15	3.3	0.032	2.20	22.2	49.1	1.01	519	0.61	0.39	4.5	56.3	770
F060407		2.01	18.65	0.14	3.6	0.033	2.22	20.6	58.6	0.66	442	0.53	0.50	4.2	67.5	700
F060408		2.54	18.85	0.15	3.7	0.035	2.35	22.7	52.2	0.46	287	1.07	0.54	3.8	57.3	800
F060409		1.69	20.6	0.14	3.8	0.029	2.57	23.8	46.8	0.38	230	0.85	0.54	3.9	39.0	790
F060410		5.27	15.95	0.14	0.9	0.210	2.36	15.4	12.8	2.07	737	275	1.68	8.3	143.0	660
F060411		1.43	19.25	0.12	3.8	0.028	2.74	28.4	35.4	0.25	109	0.82	0.55	3.9	34.4	680
F060412		1.45	20.1	0.14	4.0	0.031	2.94	25.5	44.7	0.38	194	0.92	0.55	4.2	46.1	670
F060413		1.11	19.20	0.15	3.8	0.027	2.96	23.6	39.8	0.40	173	0.53	0.47	4.4	43.5	750
F060414		1.98	18.30	0.15	3.5	0.030	2.44	18.5	51.0	0.98	561	0.49	0.39	4.8	35.9	720
F060415		3.33	18.70	0.12	3.6	0.029	2.08	18.4	62.8	1.27	816	0.35	0.38	5.1	53.1	720
F060416		3.71	17.70	0.13	3.3	0.028	1.59	16.1	68.0	1.58	938	0.96	0.64	4.7	54.2	690
F060417		3.13	18.05	0.16	3.4	0.034	1.78	19.2	50.6	1.17	628	0.49	1.15	4.7	58.5	680
F060418		3.89	18.65	0.14	3.3	0.028	1.64	17.8	59.6	1.43	791	0.41	1.22	4.9	67.2	790
F060419		3.08	18.20	0.15	3.3	0.030	2.11	19.0	43.1	1.12	583	0.68	1.11	4.8	56.9	700
F060420		3.09	18.55	0.15	3.5	0.031	2.21	19.3	44.4	1.13	585	0.83	1.14	5.0	58.9	710
F060421		2.49	20.6	0.15	3.7	0.035	2.44	20.7	29.1	0.84	287	0.58	1.72	5.2	63.4	500
F060422		2.24	17.90	0.14	3.4	0.023	1.46	18.5	39.7	1.33	418	1.21	2.42	4.8	61.5	630
F060423		7.87	14.65	0.10	0.8	0.062	0.01	1.9	43.2	4.44	1390	0.09	0.44	0.9	114.5	210
F060424		7.57	14.55	0.09	0.9	0.058	0.03	3.2	40.8	4.55	1360	0.11	0.95	1.2	121.5	240
F060425		3.87	18.50	0.13	3.4	0.035	1.51	19.1	57.8	1.66	628	0.26	1.52	5.1	94.7	860
F060426		3.49	18.75	0.14	3.3	0.040	2.22	17.6	60.7	1.62	610	0.41	0.67	5.6	81.7	1010
F060427		1.50	20.4	0.16	3.8	0.039	2.60	16.7	38.1	1.04	344	0.51	1.55	5.7	87.1	700
F060428		1.74	19.25	0.18	3.5	0.041	2.44	16.6	41.7	1.18	404	0.68	1.56	5.4	72.7	560
F060429		1.20	18.55	0.16	3.4	0.030	2.38	20.9	25.8	0.68	235	0.54	1.51	5.0	50.2	730
F060430		1.24	18.55	0.15	3.4	0.033	2.47	22.5	25.6	0.68	235	0.55	1.52	5.0	47.2	770
F060431		4.72	18.10	0.13	3.3	0.031	2.23	16.8	23.3	0.60	259	0.74	0.93	4.3	64.4	490
F060432		2.29	19.15	0.17	3.6	0.030	2.52	25.6	34.6	0.83	407	0.88	1.30	4.9	73.2	810
F060433		3.30	17.15	0.14	2.9	0.030	1.61	19.6	54.6	1.42	860	1.22	1.51	5.0	80.8	800
F060434		3.44	18.00	0.16	3.3	0.032	1.76	20.2	55.4	1.39	820	0.95	1.31	5.3	66.0	820
F060435		1.69	21.5	0.14	3.4	0.031	2.70	24.2	39.9	0.98	393	0.96	0.84	5.9	62.4	670
F060436		2.42	20.7	0.15	3.5	0.033	2.43	20.4	49.5	1.20	594	0.62	0.90	5.8	78.2	900
F060437		2.81	19.15	0.17	3.5	0.037	2.08	22.8	55.6	1.36	594	0.63	0.89	5.7	67.0	860
F060438		2.67	18.65	0.18	3.6	0.034	2.27	24.0	54.7	1.27	565	0.93	0.78	5.1	68.0	860
F060439		3.71	18.60	0.15	3.5	0.032	1.95	23.1	76.3	1.46	828	0.52	0.49	4.5	49.1	870
F060440		6.39	16.90	0.16	0.9	0.099	1.51	22.5	26.0	2.52	963	17.15	1.96	21.0	56.4	1300

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



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F060401		2.8	36.3	<0.002	0.01	1.27	8.8	<1	0.7	135.0	0.31	<0.05	2.51	0.254	0.31	0.7
F060402		4.8	27.7	<0.002	0.02	1.46	9.3	<1	0.7	174.0	0.34	<0.05	2.35	0.305	0.30	0.6
F060403		8.0	66.9	<0.002	0.25	2.20	10.7	<1	0.7	111.0	0.36	<0.05	3.42	0.290	0.44	0.9
F060404		7.8	64.0	<0.002	0.42	2.74	12.0	<1	0.8	121.0	0.37	<0.05	3.63	0.294	0.42	1.0
F060405		12.5	3.0	<0.002	0.19	3.72	27.1	1	0.9	353	0.27	<0.05	3.88	0.416	0.02	1.2
F060406		6.4	62.7	<0.002	0.19	2.38	12.4	<1	0.8	137.0	0.31	<0.05	3.45	0.275	0.39	0.9
F060407		5.2	61.0	<0.002	0.38	1.75	12.2	<1	0.8	130.5	0.30	<0.05	3.46	0.258	0.44	0.9
F060408		6.0	66.2	<0.002	1.15	1.92	16.3	<1	0.8	126.5	0.27	<0.05	3.58	0.247	0.50	1.0
F060409		6.2	72.0	<0.002	0.42	1.25	15.3	<1	0.7	115.0	0.28	<0.05	3.67	0.242	0.52	1.0
F060410		1575	86.5	0.114	2.47	135.5	8.9	6	4.6	370	0.47	0.59	4.54	0.241	1.44	1.9
F060411		6.5	80.3	<0.002	0.90	1.65	13.7	<1	0.7	108.5	0.27	<0.05	3.44	0.254	0.59	1.0
F060412		6.4	84.5	<0.002	0.59	1.54	14.1	<1	0.8	103.5	0.31	<0.05	3.87	0.271	0.56	1.1
F060413		5.9	87.1	<0.002	0.42	1.62	13.3	<1	0.8	85.3	0.32	<0.05	3.72	0.289	0.52	1.1
F060414		11.8	56.5	<0.002	0.24	1.51	11.8	<1	0.8	85.3	0.34	<0.05	2.94	0.295	0.44	0.7
F060415		5.8	42.6	<0.002	0.17	1.98	10.7	<1	0.8	88.6	0.37	<0.05	3.08	0.296	0.39	0.8
F060416		4.2	28.0	<0.002	0.03	1.56	10.3	<1	0.7	94.2	0.34	<0.05	2.64	0.283	0.28	0.7
F060417		4.6	46.2	<0.002	0.07	0.99	12.5	<1	0.7	91.7	0.34	<0.05	3.16	0.304	0.28	0.8
F060418		4.1	34.7	<0.002	0.07	1.27	12.8	<1	0.8	97.8	0.34	<0.05	2.93	0.313	0.28	0.7
F060419		2.8	54.5	<0.002	0.12	1.27	11.8	<1	0.8	83.2	0.34	<0.05	3.10	0.303	0.36	0.7
F060420		3.4	55.9	<0.002	0.12	1.25	12.6	<1	0.8	85.4	0.36	<0.05	3.24	0.319	0.36	0.8
F060421		45.7	68.7	<0.002	1.31	1.23	15.0	<1	0.8	92.9	0.37	<0.05	3.53	0.340	0.42	0.9
F060422		3.1	36.0	<0.002	0.03	1.59	14.7	<1	0.7	116.0	0.34	<0.05	3.04	0.331	0.22	0.8
F060423		21.7	0.3	<0.002	0.12	4.73	44.1	1	0.4	140.0	0.06	<0.05	0.21	0.377	<0.02	0.1
F060424		20.9	0.5	<0.002	0.09	5.88	42.1	1	0.4	133.0	0.08	<0.05	0.43	0.370	<0.02	0.1
F060425		3.3	30.0	<0.002	0.11	1.51	14.6	<1	0.8	132.5	0.34	<0.05	2.91	0.345	0.27	0.7
F060426		2.9	35.7	<0.002	0.13	1.62	16.6	<1	0.8	119.5	0.36	<0.05	2.46	0.407	0.36	0.6
F060427		3.9	53.1	<0.002	0.11	1.59	17.8	<1	0.9	135.0	0.38	<0.05	2.69	0.425	0.44	0.6
F060428		5.9	54.9	<0.002	0.26	2.11	18.2	<1	0.8	134.5	0.35	<0.05	2.77	0.407	0.40	0.6
F060429		5.0	65.6	<0.002	0.21	1.39	14.0	<1	0.7	113.5	0.34	<0.05	2.97	0.354	0.39	0.6
F060430		4.8	66.7	<0.002	0.21	1.29	15.1	<1	0.8	114.0	0.33	<0.05	3.15	0.361	0.44	0.7
F060431		24.8	64.6	<0.002	4.32	1.96	12.1	<1	0.8	101.0	0.30	<0.05	2.96	0.287	0.45	0.6
F060432		4.1	70.6	<0.002	0.36	1.31	13.1	<1	0.8	123.0	0.34	<0.05	3.57	0.328	0.44	0.8
F060433		4.3	33.5	<0.002	0.19	1.05	11.5	<1	0.8	167.0	0.34	<0.05	2.94	0.287	0.29	0.7
F060434		4.9	39.2	<0.002	0.15	1.31	12.7	<1	0.8	185.5	0.36	<0.05	3.01	0.305	0.31	0.7
F060435		5.7	71.3	<0.002	0.16	1.18	15.1	<1	0.9	132.5	0.40	<0.05	3.76	0.296	0.46	1.0
F060436		5.6	52.0	<0.002	0.09	2.35	15.3	<1	0.9	151.5	0.39	<0.05	3.15	0.332	0.41	0.7
F060437		8.7	49.3	<0.002	0.07	1.65	15.0	<1	0.8	193.5	0.37	<0.05	3.23	0.329	0.36	0.8
F060438		6.8	55.8	<0.002	0.28	1.34	14.1	<1	0.8	148.5	0.34	<0.05	3.38	0.323	0.41	0.8
F060439		4.6	42.2	<0.002	0.19	1.53	12.5	<1	0.8	139.0	0.31	<0.05	3.22	0.297	0.34	0.7
F060440		2620	45.2	0.020	1.32	224	21.2	6	2.1	380	1.11	0.34	2.35	0.549	0.42	1.5



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F060401		71	0.2	8.0	57	135.5
F060402		78	0.2	8.8	66	143.5
F060403		73	0.2	10.7	44	144.0
F060404		82	0.2	11.9	52	151.5
F060405		187	0.3	18.2	152	99.0
F060406		90	0.2	12.5	46	147.0
F060407		91	0.3	12.0	34	156.5
F060408		98	0.2	14.5	30	166.5
F060409		91	0.2	14.8	24	172.5
F060410		102	11.8	11.7	3200	29.1
F060411		87	0.2	14.2	20	166.5
F060412		97	0.3	12.3	25	170.5
F060413		94	0.3	11.5	18	165.0
F060414		81	0.2	10.2	45	148.5
F060415		78	0.2	10.4	64	152.5
F060416		76	0.2	9.3	79	142.5
F060417		87	0.2	10.2	61	141.0
F060418		92	0.2	9.9	76	143.5
F060419		84	0.3	10.3	53	142.0
F060420		86	0.3	10.3	53	147.0
F060421		97	0.3	10.9	30	154.5
F060422		101	0.2	10.9	45	145.0
F060423		250	0.1	17.3	102	27.2
F060424		242	0.1	16.7	95	32.6
F060425		101	0.2	11.4	71	144.0
F060426		123	0.2	13.0	71	142.5
F060427		131	0.3	12.4	37	158.0
F060428		129	0.2	12.2	46	153.5
F060429		104	0.2	12.4	24	143.0
F060430		107	0.2	12.2	25	146.0
F060431		89	0.2	9.9	31	137.0
F060432		98	0.2	11.6	43	149.5
F060433		85	0.2	10.0	81	124.0
F060434		90	0.2	10.5	100	134.0
F060435		102	0.2	12.1	64	138.5
F060436		109	0.2	11.5	76	144.5
F060437		104	0.2	11.9	58	144.0
F060438		101	0.3	12.0	52	146.5
F060439		92	0.2	11.1	69	147.0
F060440		210	17.2	14.9	3950	29.8



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060441		2.63	0.005	0.18	8.46	14.0	350	0.74	0.04	1.78	0.05	57.2	19.1	78	1.50	35.2
F060442		4.50	0.001	0.16	8.41	11.0	380	0.86	0.04	1.30	0.06	58.2	10.8	61	1.73	34.0
F060443		2.43	0.003	0.09	8.49	9.8	350	0.84	0.03	1.16	0.04	55.6	11.4	57	1.56	19.6
F060444		1.79	<0.001	0.18	8.12	7.2	330	0.89	0.03	0.90	0.05	49.9	11.1	39	1.55	60.1
F060445		2.32	<0.001	0.12	8.04	4.8	390	0.78	0.03	0.61	0.03	41.2	5.4	63	1.91	20.5
F060446		2.26	<0.001	0.07	8.03	2.8	330	0.84	0.06	1.01	0.03	46.7	8.2	41	1.54	16.8
F060447		1.95	<0.001	0.05	8.40	6.9	330	0.87	0.02	1.24	0.02	51.1	8.1	45	1.51	10.4
F060448		1.76	<0.001	0.06	8.21	11.3	340	0.87	0.03	1.20	0.02	47.1	10.6	32	1.50	9.3
F060449		1.98	0.003	0.37	7.69	15.4	370	0.78	0.10	0.72	0.04	42.4	12.0	52	1.55	84.7
F060450		<0.02	0.006	0.43	7.60	22.7	370	0.72	0.11	0.76	0.05	40.9	16.9	52	1.48	127.5
F060451		2.40	<0.001	0.18	7.48	22.7	280	0.63	0.12	4.18	0.05	35.4	18.2	187	1.06	28.6
F060452		3.11	<0.001	0.12	8.01	44.6	540	0.86	0.04	0.80	0.03	41.7	9.6	69	1.86	23.2
F060453		2.88	0.010	0.46	6.72	32.9	10	0.75	0.03	6.78	0.23	28.2	44.3	27	0.20	95.6
F060454		2.66	<0.001	0.41	6.94	26.3	10	0.88	0.03	6.20	0.26	30.2	44.6	28	0.23	94.0
F060455		1.12	<0.001	0.56	6.71	163.5	40	1.23	0.05	2.19	0.15	62.0	9.1	12	0.14	31.6
F060456		4.53	<0.001	0.36	6.86	37.9	10	0.81	0.03	6.25	0.26	28.9	46.2	29	0.21	100.5
F060457		5.73	<0.001	0.29	6.87	34.0	10	0.73	0.02	6.70	0.21	28.4	47.2	34	0.18	92.9
F060458		1.83	<0.001	0.32	6.75	20.8	10	0.72	0.03	6.77	0.19	29.7	44.7	25	0.21	109.5
F060459		3.74	<0.001	0.31	8.61	315	610	0.79	0.07	1.11	0.10	51.1	18.4	81	1.54	81.7
F060460		0.79	<0.001	<0.01	0.11	<0.2	10	0.05	<0.01	32.4	<0.02	1.29	0.7	2	<0.05	2.1
F060461		2.36	<0.001	0.38	8.15	58.7	510	0.60	0.12	1.43	0.14	46.4	15.7	63	1.61	52.7
F060462		2.30	<0.001	0.29	7.59	33.4	230	0.42	0.04	4.56	0.08	29.1	21.1	121	0.65	58.7
F060463		2.25	0.001	0.36	7.87	14.0	170	0.39	0.04	5.13	0.09	29.4	32.6	146	0.50	88.5
F060464		2.48	0.001	0.30	7.87	12.2	250	0.54	0.03	4.36	0.09	38.7	25.1	103	0.93	75.5
F060465		2.20	<0.001	0.18	8.65	20.1	380	0.82	0.05	1.64	0.08	60.7	14.9	73	1.47	38.1
F060466		2.43	<0.001	0.18	8.28	25.9	470	0.83	0.11	0.85	1.19	54.6	15.5	59	1.83	21.4
F060467		2.42	<0.001	0.25	8.52	19.9	420	0.88	0.06	1.01	0.07	66.1	12.6	60	1.74	46.4
F060468		2.38	<0.001	0.26	8.74	25.7	390	0.75	0.11	1.16	0.03	51.6	20.8	65	1.57	35.2
F060469		2.24	<0.001	0.14	9.07	18.3	470	0.95	0.06	0.98	0.02	45.0	11.8	74	1.84	13.7
F060470		0.11	0.496	0.32	7.69	5.3	900	1.04	1.67	1.98	0.06	28.1	6.4	15	0.55	43.2
F060471		2.49	<0.001	0.23	8.46	27.9	430	0.68	0.06	0.99	0.02	55.4	14.5	75	1.69	19.6
F060472		2.08	<0.001	0.40	7.55	32.1	280	0.53	0.06	3.85	0.07	38.5	29.7	140	1.10	63.8
F060473		2.58	<0.001	0.18	8.14	43.1	410	0.94	0.11	0.90	0.04	52.9	25.7	67	1.69	22.8
F060474		2.22	<0.001	0.22	7.90	18.0	370	0.72	0.16	1.86	0.04	48.1	14.9	148	1.42	45.6
F060475		2.83	<0.001	0.32	8.29	31.4	340	0.72	0.13	1.60	0.05	48.5	22.5	167	1.35	69.6
F060476		2.59	<0.001	0.29	8.86	25.7	460	0.79	0.09	1.23	0.05	49.5	15.6	163	1.72	59.0
F060477		3.42	<0.001	0.46	8.12	34.6	520	0.72	0.10	0.62	0.05	45.7	15.4	151	1.77	39.1
F060478		3.48	<0.001	0.66	7.37	20.5	90	0.41	0.03	4.51	0.09	21.1	39.1	417	0.34	59.9
F060479		5.35	<0.001	0.55	7.33	6.2	30	0.48	0.02	4.32	0.12	20.5	38.8	425	0.17	56.9
F060480		<0.02	<0.001	0.56	7.43	5.8	30	0.44	0.02	4.38	0.12	21.3	39.2	439	0.16	55.2



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060441		3.32	20.5	0.17	3.6	0.025	1.91	26.7	82.3	1.22	694	0.58	0.54	3.6	51.5	830
F060442		1.86	19.80	0.16	3.7	0.025	2.08	27.7	85.3	0.75	390	0.54	0.57	3.7	36.5	770
F060443		2.24	19.65	0.14	3.6	0.027	1.88	27.2	99.8	0.80	485	0.42	0.53	3.4	31.0	810
F060444		2.12	20.5	0.11	3.6	0.027	1.87	23.8	93.8	0.74	443	0.35	0.52	3.1	28.0	660
F060445		1.11	18.95	0.11	3.5	0.019	2.51	20.9	48.5	0.39	245	0.71	0.51	3.4	19.0	710
F060446		1.98	18.35	0.07	3.3	0.025	1.85	23.5	80.8	0.68	491	0.96	0.60	3.2	31.3	710
F060447		1.53	19.20	0.10	3.5	0.029	1.70	25.9	93.1	0.70	444	0.50	0.67	3.4	27.4	670
F060448		1.72	19.35	0.09	3.3	0.029	1.81	24.0	92.7	0.74	479	0.61	0.64	3.2	28.9	630
F060449		1.59	18.50	0.09	3.1	0.033	2.10	21.5	61.6	0.56	352	0.30	0.54	3.4	31.2	770
F060450		1.62	17.60	0.08	3.1	0.029	2.13	20.4	58.0	0.57	368	0.28	0.53	3.1	31.9	780
F060451		3.91	18.35	0.09	2.9	0.045	1.55	17.0	102.5	2.25	1650	1.01	0.33	3.7	44.1	1030
F060452		1.69	19.25	0.09	3.2	0.024	2.86	21.1	33.7	0.62	432	0.48	0.52	4.0	31.7	820
F060453		11.60	23.6	0.11	3.1	0.106	0.01	11.3	41.2	2.48	1915	0.49	1.08	7.8	40.8	860
F060454		12.25	26.1	0.09	3.1	0.113	0.01	12.3	35.4	2.55	1850	0.55	1.64	8.9	42.5	880
F060455		2.63	17.45	0.13	5.2	0.041	0.01	28.4	8.0	0.43	495	1.87	4.95	13.6	7.6	160
F060456		12.10	26.4	0.11	2.7	0.108	0.01	11.2	33.4	2.64	1835	0.44	1.92	8.5	47.3	840
F060457		11.90	24.0	0.08	2.8	0.114	<0.01	11.5	30.8	2.66	1830	0.44	1.41	7.6	45.2	850
F060458		11.95	24.3	0.07	2.7	0.112	<0.01	11.5	33.6	2.52	1935	0.56	1.07	8.0	41.2	880
F060459		3.03	20.9	0.11	3.3	0.037	2.48	24.3	24.4	0.89	472	0.71	1.58	4.5	38.8	810
F060460		0.16	0.33	0.09	0.1	0.007	0.03	1.2	1.6	3.59	91	<0.05	0.04	0.2	0.6	60
F060461		2.82	19.55	0.13	3.2	0.036	2.38	22.4	37.8	1.06	457	0.75	1.15	5.2	31.9	860
F060462		5.18	16.30	0.08	2.2	0.048	0.76	11.8	93.3	2.31	1160	0.59	1.10	3.5	52.2	660
F060463		5.21	16.45	0.08	2.2	0.045	0.47	11.8	111.0	2.88	1170	0.48	1.54	3.5	104.0	580
F060464		5.58	19.05	0.08	2.7	0.052	1.01	15.6	106.0	2.20	1340	0.64	0.96	4.1	63.9	770
F060465		3.86	20.3	0.09	3.6	0.031	1.70	27.7	97.6	1.18	1285	0.70	0.61	4.1	40.0	1090
F060466		1.84	20.2	0.10	3.5	0.051	2.34	27.6	65.4	0.43	370	0.75	0.62	4.4	40.1	960
F060467		2.65	20.7	0.10	3.7	0.037	2.07	31.7	84.4	0.68	900	0.78	0.52	5.2	42.0	1070
F060468		3.34	20.5	0.10	3.6	0.037	1.87	25.2	98.4	0.93	1330	0.70	0.51	4.8	51.2	890
F060469		1.62	22.1	0.07	3.6	0.028	2.08	23.6	99.3	0.58	634	0.39	0.64	4.0	33.9	780
F060470		2.45	14.25	0.09	2.1	0.040	1.87	14.8	3.5	0.53	690	2.28	3.54	6.3	10.3	510
F060471		1.89	19.90	0.11	3.4	0.035	2.00	28.6	91.1	0.61	781	0.55	0.56	3.6	34.0	730
F060472		3.73	17.65	0.11	2.4	0.049	1.40	17.9	91.1	1.72	1395	0.35	0.37	3.3	67.9	720
F060473		1.72	20.9	0.10	3.3	0.030	1.93	26.5	83.1	0.60	566	0.50	0.63	3.8	60.0	740
F060474		2.55	18.85	0.10	3.3	0.037	1.60	22.1	94.9	0.79	1010	0.45	0.59	4.6	43.5	910
F060475		4.54	19.95	0.10	3.3	0.040	1.43	22.4	101.5	1.16	1395	0.50	0.55	4.2	73.7	930
F060476		2.56	20.5	0.10	3.6	0.043	2.06	24.1	83.2	0.76	766	0.65	0.65	5.0	46.9	870
F060477		2.39	19.25	0.10	3.3	0.037	2.24	22.0	60.4	0.65	471	0.64	0.62	4.8	48.9	840
F060478		5.25	13.55	0.08	1.9	0.036	0.23	10.5	145.0	5.16	1590	0.46	1.15	2.9	283	410
F060479		5.25	13.20	0.10	1.9	0.038	0.06	10.2	82.5	5.30	1190	0.45	1.80	2.8	291	390
F060480		5.24	13.40	0.09	2.0	0.039	0.05	10.2	83.6	5.33	1210	0.43	1.84	2.9	290	400



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F060441		7.0	53.8	<0.002	0.12	1.94	13.6	<1	0.8	148.5	0.26	<0.05	3.72	0.253	0.35	0.9
F060442		4.9	62.1	<0.002	0.23	2.09	13.7	<1	0.8	144.0	0.26	<0.05	3.73	0.253	0.37	0.9
F060443		4.9	53.0	<0.002	0.04	1.69	11.9	<1	0.8	125.5	0.24	<0.05	3.88	0.238	0.38	0.9
F060444		4.9	52.6	<0.002	0.07	1.79	11.2	<1	0.9	116.0	0.23	<0.05	3.49	0.206	0.35	0.9
F060445		5.2	69.1	<0.002	0.04	1.51	11.2	<1	0.8	102.0	0.23	<0.05	3.25	0.206	0.49	0.9
F060446		6.7	47.0	<0.002	0.10	1.87	13.2	<1	0.7	149.0	0.23	<0.05	3.53	0.221	0.36	0.9
F060447		5.4	46.0	<0.002	0.02	1.66	15.2	<1	0.6	174.5	0.24	<0.05	3.64	0.226	0.33	0.9
F060448		5.6	49.0	<0.002	0.09	1.58	13.9	1	0.8	168.0	0.24	<0.05	3.62	0.211	0.34	1.0
F060449		6.0	55.2	<0.002	0.17	2.07	10.4	<1	0.7	123.5	0.24	<0.05	3.34	0.211	0.41	0.9
F060450		6.3	55.0	<0.002	0.20	2.21	9.7	1	0.7	117.5	0.23	<0.05	3.24	0.203	0.40	0.9
F060451		9.2	26.2	<0.002	0.06	2.03	18.2	<1	0.8	124.0	0.25	<0.05	3.32	0.306	0.31	1.0
F060452		7.9	71.1	<0.002	0.07	1.24	9.6	<1	0.9	77.7	0.26	<0.05	3.34	0.233	0.57	0.9
F060453		36.5	0.3	0.002	0.21	3.66	25.4	<1	1.3	271	0.46	<0.05	0.99	1.240	<0.02	0.3
F060454		31.2	0.2	0.003	0.22	3.75	27.1	1	1.2	253	0.51	<0.05	1.20	1.310	<0.02	0.3
F060455		22.1	0.1	<0.002	0.29	2.95	6.3	1	0.7	110.0	1.16	<0.05	9.35	0.246	<0.02	3.1
F060456		16.1	0.1	0.003	0.24	3.87	27.5	1	1.0	247	0.47	<0.05	0.92	1.310	<0.02	0.2
F060457		13.4	0.1	0.003	0.23	4.62	27.4	1	1.1	304	0.47	<0.05	0.92	1.260	<0.02	0.2
F060458		11.5	0.1	0.003	0.27	4.30	26.8	<1	1.3	271	0.49	<0.05	0.93	1.285	<0.02	0.2
F060459		14.7	64.1	<0.002	0.45	2.36	15.1	1	1.2	100.5	0.30	<0.05	3.54	0.410	0.57	0.9
F060460		<0.5	0.7	<0.002	0.01	0.06	0.2	1	<0.2	79.0	<0.05	<0.05	0.09	0.009	<0.02	0.1
F060461		26.6	64.5	<0.002	1.36	2.26	14.8	1	0.8	108.5	0.36	<0.05	3.20	0.361	0.59	1.0
F060462		9.5	14.3	<0.002	1.48	2.45	21.6	1	0.6	138.5	0.27	<0.05	1.89	0.366	0.23	0.5
F060463		6.6	6.4	<0.002	0.33	2.23	22.0	1	0.7	210	0.26	<0.05	1.91	0.432	0.16	0.6
F060464		5.9	17.4	0.002	0.24	2.87	23.4	<1	0.9	154.0	0.31	<0.05	2.22	0.531	0.35	0.6
F060465		6.6	47.0	<0.002	0.37	3.14	13.4	<1	0.8	139.5	0.32	<0.05	3.89	0.266	0.59	0.9
F060466		7.3	69.6	<0.002	1.16	2.84	14.0	1	0.9	113.0	0.29	<0.05	3.66	0.249	0.73	0.9
F060467		5.4	62.9	<0.002	0.52	3.44	13.8	1	0.8	96.6	0.33	<0.05	4.01	0.262	0.67	1.1
F060468		4.9	54.2	<0.002	0.24	3.27	10.6	<1	0.8	92.9	0.32	<0.05	3.67	0.251	0.64	1.0
F060469		5.3	60.3	<0.002	0.09	2.68	9.7	<1	0.8	108.5	0.27	<0.05	3.38	0.246	0.76	1.0
F060470		9.5	37.2	<0.002	0.04	0.75	7.2	<1	1.0	214	0.43	0.29	3.06	0.217	0.16	1.5
F060471		4.6	57.8	<0.002	0.06	2.89	8.9	<1	0.7	92.2	0.25	<0.05	3.26	0.226	0.78	0.9
F060472		5.8	27.3	<0.002	0.21	4.10	21.9	<1	0.8	94.9	0.22	<0.05	2.13	0.307	0.58	0.5
F060473		6.1	58.7	<0.002	0.16	3.66	9.7	1	0.7	109.0	0.27	<0.05	3.60	0.210	0.76	1.0
F060474		5.4	38.3	<0.002	0.24	3.74	16.8	<1	0.8	116.0	0.29	<0.05	2.73	0.289	0.64	0.7
F060475		5.1	39.5	<0.002	0.24	3.30	16.4	1	0.8	124.5	0.27	<0.05	3.00	0.282	0.63	0.7
F060476		5.5	58.4	<0.002	0.29	4.07	18.6	<1	1.3	144.0	0.32	<0.05	3.28	0.339	0.87	0.8
F060477		13.9	66.5	<0.002	0.89	4.83	16.0	1	0.9	134.5	0.31	<0.05	3.20	0.318	0.99	0.8
F060478		50.8	4.3	<0.002	0.10	4.56	21.0	1	0.6	170.0	0.20	<0.05	1.70	0.268	0.10	0.5
F060479		70.6	1.0	<0.002	0.09	4.59	21.3	<1	0.6	246	0.21	<0.05	1.74	0.267	0.03	0.6
F060480		74.1	1.1	<0.002	0.07	4.56	22.0	<1	0.6	255	0.21	<0.05	1.82	0.273	0.03	0.6



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
F060441		93	0.2	11.7	67	152.0
F060442		89	0.2	12.4	41	155.0
F060443		86	0.2	11.5	51	151.0
F060444		77	0.1	12.1	53	150.5
F060445		70	0.2	12.4	27	152.5
F060446		84	0.2	14.0	56	152.0
F060447		87	0.2	14.2	48	154.5
F060448		80	0.1	14.8	49	152.5
F060449		72	0.1	12.4	36	138.5
F060450		71	0.1	11.8	37	135.0
F060451		125	0.2	14.0	113	126.5
F060452		67	0.2	11.7	36	146.5
F060453		334	0.2	31.1	172	115.5
F060454		354	0.2	33.2	188	134.5
F060455		62	0.6	38.3	50	175.5
F060456		368	0.2	32.4	174	114.5
F060457		350	0.1	29.9	162	119.0
F060458		349	0.1	31.3	176	113.5
F060459		135	0.2	17.1	46	151.5
F060460		2	<0.1	2.0	2	2.2
F060461		116	0.1	15.2	47	139.0
F060462		156	0.2	11.8	82	82.8
F060463		166	0.2	13.3	97	82.1
F060464		197	0.2	17.7	97	101.0
F060465		105	0.1	13.2	94	147.0
F060466		88	0.2	13.2	115	155.5
F060467		93	0.2	15.6	68	168.5
F060468		84	0.2	11.5	81	156.5
F060469		73	0.2	8.0	39	159.5
F060470		39	21.5	19.3	49	67.3
F060471		69	0.2	9.9	42	144.5
F060472		135	0.2	12.4	89	108.0
F060473		67	0.2	9.1	34	145.0
F060474		109	0.1	13.7	49	148.0
F060475		115	0.1	13.6	78	145.0
F060476		124	0.1	15.5	45	164.5
F060477		107	0.2	14.7	36	149.0
F060478		104	0.2	9.5	140	81.3
F060479		103	0.2	9.7	122	79.8
F060480		104	0.2	9.7	122	81.2





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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F060481		2.61	<0.001	0.43	7.64	63.6	740	0.58	0.07	0.80	0.05	45.2	19.4	78	2.04	54.2
F060482		3.84	<0.001	0.74	7.50	7.1	30	0.53	0.04	3.93	0.15	21.0	37.5	460	0.17	66.3
F060483		2.29	<0.001	0.76	7.40	9.1	20	0.49	0.02	4.43	0.17	20.8	37.8	416	0.15	53.4
F060484		2.58	0.002	0.32	7.80	79.9	770	0.62	0.04	0.31	0.10	39.3	19.9	76	1.87	30.4
F060485		2.54	0.012	0.35	7.96	98.7	510	0.63	0.06	0.22	0.12	39.5	26.8	68	1.74	35.1
F060486		2.31	0.007	0.41	7.99	83.1	410	0.77	0.07	0.22	0.11	43.7	26.9	66	1.63	43.6
F060487		2.39	0.001	0.25	8.02	61.0	420	0.76	0.05	0.21	0.07	38.0	21.9	67	1.54	41.2
F060488		2.44	0.001	0.23	8.46	102.0	430	0.74	0.05	0.24	0.04	44.2	26.2	64	1.68	28.6
F060489		1.85	0.001	0.38	8.52	79.3	510	0.85	0.07	0.27	0.83	42.1	24.2	66	1.89	31.0
F060490		0.79	<0.001	<0.01	0.07	<0.2	20	<0.05	<0.01	35.3	<0.02	1.01	0.5	1	<0.05	1.0
F060491		3.04	0.002	0.51	6.94	19.6	20	0.58	0.04	6.98	0.22	23.8	52.1	26	0.20	180.0
F060492		3.21	0.002	0.22	8.34	89.1	500	0.68	0.11	0.28	0.13	40.3	23.6	86	1.83	29.2
F060493		1.82	<0.001	0.25	7.08	10.2	90	0.73	0.05	5.72	0.12	36.8	42.7	18	0.37	51.4
F060494		2.05	0.001	0.51	7.58	42.5	540	0.74	0.09	0.26	0.12	53.6	28.7	87	1.92	43.8
F060495		3.38	0.001	0.29	7.79	47.1	510	0.59	0.19	0.26	0.05	59.5	19.6	108	1.84	39.2
F060496		3.30	<0.001	0.33	7.33	7.8	150	0.58	0.03	4.28	0.10	21.8	28.5	186	0.51	70.8
F060497		2.72	<0.001	0.16	8.17	23.1	490	0.73	0.03	0.27	0.02	45.4	19.3	77	1.79	29.6
F060498		2.17	0.001	0.26	7.92	19.9	630	0.62	0.05	0.42	0.04	41.8	20.1	81	1.92	40.4
F060499		3.65	<0.001	0.09	7.60	6.8	170	0.59	0.03	4.86	0.08	24.1	30.3	185	0.58	38.8
F060500		0.11	1.190	73.9	6.74	51.5	190	1.10	2.38	2.04	16.10	27.9	23.8	132	2.10	7580
F060501		2.16	0.001	0.16	8.58	13.1	480	0.81	0.06	0.76	0.03	43.5	20.1	80	1.81	33.3
F060502		2.45	0.002	0.14	8.66	12.5	370	0.78	0.06	0.79	0.02	45.5	19.8	85	1.59	37.1
F060503		2.20	<0.001	0.12	8.18	6.3	340	0.93	0.03	1.75	0.03	48.7	11.0	107	1.37	25.7
F060504		2.21	0.003	0.13	8.39	6.8	350	0.87	0.05	1.58	0.02	48.5	14.2	83	1.55	46.1
F060505		2.66	0.004	0.10	8.95	9.9	350	0.82	0.06	0.62	<0.02	47.6	17.5	85	1.90	29.4
F060506		2.54	0.004	0.13	8.25	11.6	370	0.83	0.06	0.47	0.02	45.0	18.0	73	1.82	37.3
F060507		2.53	0.012	0.11	7.86	14.4	230	0.67	0.08	3.74	0.06	38.2	31.7	50	1.10	68.1
F060508		2.27	0.002	0.10	9.09	9.1	340	0.81	0.05	0.92	0.02	50.2	13.1	112	1.67	42.2
F060509		2.37	0.003	0.11	8.67	10.0	430	0.79	0.05	0.86	<0.02	55.3	14.7	122	1.73	57.5
F060510		<0.02	0.005	0.09	8.70	9.6	420	0.77	0.05	0.86	0.02	54.6	13.5	120	1.73	54.8
F060511		2.80	0.003	0.40	8.33	18.0	570	0.74	0.14	0.45	0.03	45.0	15.6	117	2.10	68.6
F060512		1.85	<0.001	0.10	6.73	3.6	20	0.57	0.02	6.06	0.05	59.3	36.1	448	0.22	59.5
F060513		2.48	<0.001	0.06	6.29	5.0	20	0.75	0.05	5.88	0.05	58.5	41.9	570	0.36	29.0
F060514		2.21	0.002	0.05	4.86	5.7	10	0.39	0.02	15.25	0.10	13.15	30.1	138	0.23	22.9
F060515		2.09	0.002	0.10	4.37	654	<10	0.28	0.03	13.50	0.09	4.45	34.6	97	0.16	37.5
F060516		4.24	<0.001	0.06	3.88	29.5	<10	0.39	0.02	13.20	0.08	8.69	30.3	63	0.12	41.5
F060517		2.62	<0.001	0.04	3.54	19.2	<10	0.24	0.01	12.00	0.06	3.28	18.4	83	0.09	15.4
F060518		2.22	<0.001	0.11	3.68	23.6	<10	0.28	0.01	13.25	0.05	16.80	21.9	49	0.08	83.3
F060519		2.49	0.001	0.17	4.52	27.9	<10	0.28	0.01	13.70	0.07	2.79	32.7	96	0.10	107.0
F060520		1.08	<0.001	<0.01	0.07	<0.2	10	0.06	0.01	33.7	<0.02	1.06	1.4	2	<0.05	2.1



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060481		2.12	18.70	0.10	3.1	0.033	2.94	22.6	22.0	0.65	488	0.57	0.68	4.6	48.9	680
F060482		5.51	12.20	0.09	1.9	0.039	0.03	9.7	77.0	5.78	1455	0.46	1.83	2.7	312	400
F060483		5.29	12.45	0.08	1.8	0.033	0.02	9.8	86.8	5.40	1475	0.42	1.68	2.7	291	380
F060484		1.81	17.65	0.10	3.1	0.025	2.80	19.2	21.8	0.45	280	0.84	0.77	3.2	45.5	680
F060485		2.34	18.45	0.09	3.1	0.023	2.44	19.5	27.2	0.29	225	1.63	0.77	3.0	61.3	660
F060486		1.68	19.10	0.11	3.1	0.025	1.95	21.8	30.7	0.17	139	14.75	1.08	3.4	50.7	660
F060487		1.71	19.00	0.07	3.2	0.023	1.85	18.7	33.6	0.18	96	1.05	1.21	3.3	52.1	700
F060488		1.16	19.65	0.10	3.3	0.019	1.94	22.8	34.1	0.13	48	0.50	1.25	3.2	62.7	780
F060489		1.38	20.2	0.09	3.4	0.023	2.32	21.2	37.5	0.20	95	0.57	1.04	3.1	50.0	840
F060490		0.11	0.30	0.28	<0.1	0.007	0.02	1.1	1.2	1.01	79	<0.05	0.02	0.1	0.5	70
F060491		10.60	19.50	0.11	2.0	0.077	0.05	10.1	58.6	2.86	1910	0.37	0.87	5.6	78.8	560
F060492		1.52	19.15	0.13	3.3	0.023	2.40	19.8	22.0	0.14	44	0.76	1.03	3.3	50.0	710
F060493		10.90	24.3	0.10	2.8	0.105	0.29	15.1	67.8	2.13	2010	0.63	1.12	7.6	38.1	890
F060494		3.53	17.75	0.12	3.1	0.030	2.52	25.6	24.1	0.30	125	1.12	0.67	3.2	82.5	940
F060495		3.19	17.75	0.12	3.2	0.026	2.35	28.3	25.0	0.23	86	0.89	0.84	3.5	56.5	900
F060496		5.23	14.90	0.09	2.3	0.039	0.46	9.3	107.0	3.20	1755	0.50	1.11	3.1	156.0	490
F060497		2.69	19.50	0.10	3.2	0.026	2.17	23.0	41.2	0.44	284	0.64	0.93	3.6	52.9	690
F060498		3.25	18.55	0.09	3.2	0.030	2.45	20.8	32.5	0.42	228	0.51	0.81	3.3	61.2	690
F060499		4.85	15.30	0.10	2.2	0.037	0.54	10.6	88.1	3.04	1200	0.55	1.73	3.1	151.5	510
F060500		5.45	16.00	0.10	0.8	0.216	2.45	13.4	13.0	2.06	760	272	1.74	7.7	144.0	690
F060501		2.64	19.65	0.11	3.3	0.029	2.11	21.4	46.5	0.56	498	0.87	0.98	3.2	46.2	810
F060502		2.80	19.40	0.11	3.3	0.034	1.76	22.2	60.7	0.53	505	0.66	1.01	3.6	45.7	840
F060503		2.68	19.05	0.09	3.4	0.039	1.54	22.2	75.2	0.91	825	0.36	0.92	5.2	28.3	1090
F060504		2.66	19.70	0.12	3.2	0.035	1.74	22.7	57.2	0.66	661	0.58	1.15	4.1	32.0	820
F060505		2.48	20.4	0.11	3.4	0.032	1.99	23.8	44.1	0.26	132	0.67	1.40	3.5	38.5	800
F060506		2.43	20.1	0.11	3.3	0.027	2.00	22.0	35.9	0.28	103	0.65	1.78	3.1	42.1	720
F060507		5.91	22.1	0.12	2.9	0.062	1.24	16.8	57.8	1.19	984	0.62	1.27	4.7	37.0	770
F060508		2.22	20.7	0.12	3.7	0.041	1.90	23.5	58.6	0.64	382	0.70	1.27	7.4	35.7	1200
F060509		2.22	19.90	0.11	3.7	0.041	2.27	25.4	43.8	0.54	328	0.76	0.95	9.0	33.1	1310
F060510		2.17	19.65	0.12	3.8	0.045	2.26	25.0	43.6	0.53	319	0.72	0.94	8.8	32.7	1290
F060511		2.58	19.25	0.13	3.7	0.035	3.19	20.8	24.4	0.62	200	0.65	0.53	5.9	38.8	1110
F060512		5.66	12.70	0.15	2.4	0.039	0.02	28.3	63.4	5.49	1355	0.42	1.62	3.2	246	1030
F060513		5.88	12.85	0.14	2.3	0.045	0.07	27.3	47.8	6.41	1150	0.48	1.29	4.1	310	1100
F060514		7.05	8.68	0.05	0.9	0.032	0.03	5.7	26.1	8.05	1535	0.19	0.19	1.4	118.5	310
F060515		9.55	7.50	<0.05	0.6	0.038	0.01	2.0	12.6	7.41	2110	0.06	0.04	0.7	105.5	140
F060516		7.86	8.84	<0.05	0.9	0.063	<0.01	3.6	14.7	6.74	1840	0.15	0.21	2.0	71.5	240
F060517		6.20	6.16	<0.05	0.5	0.027	<0.01	1.2	12.3	6.55	1290	0.07	0.01	0.7	58.8	100
F060518		5.89	7.52	0.07	1.2	0.023	<0.01	7.9	16.1	7.02	1415	0.57	<0.01	1.5	57.4	290
F060519		7.23	8.64	0.07	0.6	0.027	<0.01	1.2	15.6	7.70	1610	0.23	<0.01	0.7	112.0	60
F060520		0.11	0.23	<0.05	<0.1	0.008	0.01	1.2	1.2	1.89	84	0.14	0.02	0.1	<0.2	50



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		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F060481		9.4	87.2	<0.002	1.06	3.19	12.7	1	0.8	122.5	0.31	<0.05	3.01	0.278	1.56	0.8
F060482		63.8	0.7	<0.002	0.13	4.67	20.1	<1	0.6	204	0.20	<0.05	1.77	0.276	<0.02	0.6
F060483		100.5	0.6	<0.002	0.07	4.88	20.3	<1	0.6	241	0.21	<0.05	1.68	0.261	0.02	0.5
F060484		12.5	88.5	<0.002	1.07	2.71	8.5	1	0.8	122.0	0.22	<0.05	2.80	0.206	2.18	0.8
F060485		12.1	77.1	<0.002	1.87	4.03	8.3	1	0.7	109.5	0.22	<0.05	2.91	0.190	2.29	0.8
F060486		15.6	62.5	<0.002	1.13	3.75	10.0	1	0.7	141.5	0.24	<0.05	2.85	0.201	1.90	0.8
F060487		11.1	58.2	<0.002	1.11	3.26	9.9	<1	0.7	160.0	0.24	<0.05	2.88	0.201	1.62	0.8
F060488		11.0	61.6	<0.002	0.89	3.11	9.9	<1	0.7	182.5	0.22	<0.05	3.02	0.192	1.55	0.8
F060489		35.2	72.6	<0.002	0.77	2.64	10.4	<1	0.7	180.0	0.23	<0.05	3.04	0.212	1.73	0.8
F060490		<0.5	0.5	<0.002	<0.01	<0.05	0.2	1	<0.2	89.0	<0.05	<0.05	0.05	0.005	<0.02	0.1
F060491		15.9	1.4	<0.002	0.39	7.92	20.6	1	1.0	326	0.35	<0.05	0.79	0.868	0.04	0.2
F060492		20.4	71.1	<0.002	1.28	2.39	13.4	<1	1.0	144.0	0.25	<0.05	3.03	0.206	1.34	0.8
F060493		5.1	9.1	0.002	0.83	4.14	20.4	1	1.6	117.5	0.46	<0.05	1.34	1.060	0.18	0.3
F060494		15.4	79.7	<0.002	3.03	2.66	12.2	<1	1.1	106.0	0.20	<0.05	3.44	0.193	1.48	0.9
F060495		8.4	70.9	<0.002	3.07	2.68	12.0	<1	1.0	114.0	0.24	<0.05	3.66	0.218	1.37	0.9
F060496		18.4	3.7	<0.002	0.19	2.83	16.7	<1	0.7	225	0.24	<0.05	1.63	0.288	0.27	0.5
F060497		7.3	67.4	<0.002	1.43	1.92	10.0	1	0.8	124.0	0.24	<0.05	3.13	0.218	0.94	0.8
F060498		6.4	73.9	<0.002	2.60	2.16	10.0	<1	0.7	123.0	0.22	<0.05	3.08	0.204	1.01	0.8
F060499		8.6	6.0	<0.002	0.40	3.63	17.3	1	0.7	264	0.23	<0.05	1.74	0.274	0.24	0.5
F060500		1595	71.8	0.118	2.54	140.0	8.3	6	4.6	382	0.47	0.50	4.33	0.242	1.46	1.7
F060501		6.8	64.6	<0.002	1.21	2.10	10.8	1	0.7	154.5	0.22	<0.05	3.08	0.196	0.70	0.9
F060502		5.7	51.9	<0.002	1.31	2.13	11.6	<1	0.9	138.0	0.23	<0.05	3.16	0.222	0.52	0.9
F060503		4.9	39.9	<0.002	0.81	2.13	16.0	1	1.3	131.0	0.31	<0.05	2.79	0.315	0.45	0.7
F060504		5.4	49.4	<0.002	1.34	1.84	12.0	1	0.8	154.0	0.26	<0.05	3.14	0.240	0.47	0.8
F060505		6.3	60.2	<0.002	2.41	1.99	9.3	1	0.8	167.5	0.24	<0.05	3.41	0.215	0.53	0.9
F060506		5.9	61.5	<0.002	2.34	1.87	8.9	<1	0.8	166.0	0.22	<0.05	3.34	0.187	0.55	0.9
F060507		5.6	30.7	<0.002	1.16	3.13	15.8	1	1.0	162.0	0.31	<0.05	2.22	0.569	0.32	0.6
F060508		5.0	54.2	<0.002	0.59	1.93	13.4	<1	1.2	145.5	0.41	<0.05	3.27	0.349	0.49	0.9
F060509		4.7	66.7	<0.002	0.73	1.83	13.6	1	1.5	113.5	0.47	<0.05	3.25	0.382	0.59	0.8
F060510		4.4	65.8	<0.002	0.69	1.78	13.8	1	1.5	114.0	0.47	<0.05	3.19	0.381	0.58	0.8
F060511		3.6	93.0	<0.002	1.47	2.57	15.6	1	1.0	71.7	0.34	<0.05	3.19	0.283	0.89	0.8
F060512		2.7	0.6	<0.002	0.13	2.33	21.7	1	0.6	158.0	0.21	<0.05	4.12	0.274	<0.02	1.0
F060513		2.2	1.8	<0.002	0.13	2.15	20.5	1	1.2	152.0	0.25	<0.05	4.90	0.346	0.03	1.2
F060514		1.5	0.9	<0.002	0.07	1.58	20.0	1	0.5	154.5	0.09	<0.05	0.79	0.243	<0.02	0.2
F060515		0.9	0.2	<0.002	0.04	1.62	23.1	<1	0.2	71.5	<0.05	0.08	0.15	0.222	<0.02	0.1
F060516		1.4	0.1	<0.002	0.03	2.95	16.8	1	0.7	64.4	0.11	<0.05	0.25	0.358	<0.02	0.1
F060517		0.5	0.1	<0.002	0.01	1.43	15.6	<1	0.3	32.4	<0.05	<0.05	0.07	0.186	<0.02	0.1
F060518		2.4	0.1	<0.002	0.01	1.26	8.3	1	0.3	32.9	0.11	<0.05	1.10	0.133	<0.02	0.2
F060519		1.0	0.1	<0.002	0.01	1.04	22.0	1	<0.2	31.3	<0.05	<0.05	0.07	0.206	<0.02	0.1
F060520		0.7	0.4	<0.002	0.01	0.06	0.3	1	<0.2	87.6	<0.05	<0.05	0.06	0.005	<0.02	0.1



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F060481		79	0.2	8.6	27	138.0
F060482		107	0.2	9.4	152	76.2
F060483		102	0.2	9.5	149	73.3
F060484		70	0.5	5.2	30	132.5
F060485		69	0.6	4.6	32	136.5
F060486		68	0.7	5.0	23	140.0
F060487		70	0.6	5.2	18	140.0
F060488		69	0.4	5.7	10	146.0
F060489		80	0.3	6.2	91	147.0
F060490		1	<0.1	2.0	2	1.4
F060491		272	0.2	20.3	225	80.2
F060492		84	0.3	5.8	15	144.5
F060493		289	0.9	28.1	303	122.5
F060494		77	0.3	8.8	28	134.5
F060495		87	0.3	9.5	18	137.5
F060496		115	0.2	9.0	191	92.7
F060497		75	0.2	6.5	32	143.0
F060498		72	0.1	6.3	29	136.0
F060499		111	0.2	9.0	134	93.1
F060500		105	11.5	10.5	3300	28.8
F060501		79	0.2	6.2	42	139.5
F060502		83	0.2	7.2	38	144.5
F060503		117	0.2	12.3	49	151.0
F060504		84	0.2	8.9	35	145.0
F060505		79	0.3	7.3	12	146.0
F060506		72	0.2	6.5	12	140.5
F060507		175	0.7	16.1	82	124.5
F060508		96	0.3	11.5	35	170.5
F060509		101	0.4	11.7	31	173.5
F060510		98	0.4	12.3	30	172.0
F060511		97	0.3	11.3	22	164.5
F060512		131	0.3	12.5	130	99.4
F060513		128	0.5	14.0	120	100.5
F060514		125	0.1	10.4	89	36.9
F060515		138	0.1	4.6	115	23.9
F060516		138	0.1	10.4	108	34.1
F060517		95	<0.1	8.6	74	16.4
F060518		72	0.1	6.3	52	52.8
F060519		142	<0.1	3.4	54	21.1
F060520		1	<0.1	2.1	<2	1.6



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
F060521		1.67	0.001	0.26	2.60	15.2	<10	0.20	0.01	16.10	0.13	3.12	28.6	56	0.06	136.5
F060522		1.85	<0.001	0.02	3.32	14.7	<10	0.17	0.01	14.10	0.04	10.35	18.4	35	0.08	45.2
F060523		2.30	0.001	0.07	2.79	10.2	<10	0.29	0.01	12.00	0.05	2.61	19.2	61	0.10	126.0
F060524		2.71	0.002	0.16	5.55	15.7	<10	0.25	0.01	11.00	0.06	2.96	30.2	136	0.18	111.0
F060525		2.44	0.001	0.17	7.61	16.9	20	0.40	0.01	10.25	0.09	3.54	34.9	189	0.36	128.0
F060526		2.60	0.003	0.10	7.80	16.0	<10	0.39	0.01	7.87	0.08	3.37	33.7	202	0.15	89.2
F060527		4.72	0.001	0.11	8.00	13.8	40	0.37	0.01	8.88	0.12	3.97	33.6	195	0.35	87.5
F060528		4.95	0.001	0.12	6.92	18.0	10	0.32	0.01	9.80	0.08	3.13	32.7	162	0.36	96.2
F060529		4.58	0.001	0.25	6.03	18.8	<10	0.30	0.01	11.65	0.09	3.27	27.9	137	0.26	102.0
F060530		0.11	6.25	87.0	7.32	453	2350	0.89	0.42	5.14	19.30	40.7	26.9	76	2.45	779
F060531		4.82	<0.001	0.12	4.00	5.9	<10	0.19	<0.01	14.80	0.07	18.95	18.8	177	0.16	15.4
F060532		5.18	0.003	0.08	4.42	8.7	10	0.41	0.01	9.97	0.07	21.7	20.9	186	0.26	15.1
F060533		5.07	<0.001	0.04	7.33	53.6	40	0.49	0.02	7.74	0.04	36.4	16.0	5	0.54	6.0
F060534		4.90	<0.001	0.07	5.53	22.3	10	0.39	0.03	11.95	0.04	28.9	14.8	6	0.21	10.5
F060535		5.21	<0.001	0.11	6.14	20.2	20	0.41	0.03	8.11	0.03	39.8	14.2	12	0.37	23.7
F060536		4.95	<0.001	0.15	5.85	50.2	80	0.42	0.02	7.74	0.05	39.6	17.6	71	0.85	32.5
F060537		5.13	<0.001	0.04	7.36	79.7	60	0.57	0.05	6.59	0.03	36.6	18.6	13	0.61	18.2
F060538		4.76	<0.001	0.02	7.40	26.7	80	0.61	0.02	6.94	0.03	35.7	20.1	5	0.81	9.6
F060539		4.78	0.011	0.43	6.13	14.6	30	0.48	0.02	10.90	0.20	22.0	23.5	55	0.61	276
F060540		<0.02	0.012	0.45	6.33	17.2	30	0.49	0.02	11.00	0.18	23.1	25.4	56	0.65	250
F060541		4.25	<0.001	0.10	6.88	35.7	<10	0.40	0.02	10.35	0.09	8.97	37.5	154	0.41	27.5
F060542		5.16	0.002	0.14	6.25	31.4	10	0.41	0.04	10.20	0.29	8.86	35.7	134	0.36	55.5
F060543		2.70	0.001	0.01	6.51	15.7	60	0.51	0.06	8.78	0.12	24.1	13.0	50	0.64	3.4
F060544		4.77	<0.001	0.02	7.17	29.8	90	0.51	0.03	7.52	0.10	25.7	12.8	60	0.99	2.5
F060545		4.67	<0.001	0.04	7.32	31.3	60	0.49	0.03	7.36	0.09	24.9	13.2	59	0.83	6.6
F060546		4.81	<0.001	0.01	7.43	20.3	70	0.50	0.02	7.63	0.07	25.3	13.4	81	0.92	5.2
F060547		1.97	<0.001	0.03	6.67	18.9	50	0.50	0.03	9.97	0.07	24.0	14.0	55	0.71	10.4
F060548		1.83	0.001	0.18	7.43	129.5	60	0.71	0.03	4.45	0.14	34.1	26.9	247	0.43	47.3
F060549		3.96	<0.001	0.04	6.82	20.7	110	0.45	0.02	8.43	0.06	23.3	12.4	50	1.04	7.7
F060550		1.06	<0.001	<0.01	0.09	<0.2	20	0.05	0.02	34.0	<0.02	0.95	1.5	2	<0.05	1.6
F060551		5.35	<0.001	0.05	7.06	17.0	60	0.56	0.02	9.58	0.10	24.1	12.6	50	0.66	12.7
F060552		5.01	<0.001	0.07	6.68	28.8	60	0.48	0.03	7.81	0.09	23.2	14.4	49	0.71	16.5
F060553		4.86	<0.001	0.03	6.86	24.5	40	0.54	0.04	9.67	0.12	25.1	16.2	51	0.44	9.9
F060554		3.68	<0.001	0.03	6.43	94.6	90	0.57	0.04	8.30	0.10	25.2	12.6	63	0.71	1.8
F060555		6.74	<0.001	0.15	6.94	78.1	80	0.62	0.07	5.33	0.13	28.9	23.6	183	0.43	41.9
F060556		4.58	<0.001	0.09	6.45	46.5	90	0.48	0.02	6.93	0.09	27.0	16.5	112	0.43	26.7
F060557		5.12	<0.001	0.04	4.99	14.4	10	0.32	0.01	10.15	0.13	17.45	10.9	47	0.19	19.6
F060558		1.79	<0.001	0.02	5.12	10.4	20	0.43	0.01	10.35	0.06	17.75	12.4	46	0.20	10.8
F060559		3.44	0.001	0.09	7.51	62.1	60	0.65	0.03	9.36	0.08	7.49	32.7	161	0.54	62.8
F060560		<0.02	<0.001	0.09	7.13	53.8	60	0.59	0.02	9.30	0.07	7.56	30.6	162	0.47	58.5



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060521		5.45	5.22	0.06	0.4	0.028	<0.01	1.4	7.5	7.74	1710	0.13	<0.01	0.4	90.6	50
F060522		5.15	7.12	0.07	1.0	0.021	<0.01	4.4	11.9	7.13	1490	0.10	<0.01	1.2	50.5	200
F060523		9.43	5.28	0.08	0.4	0.024	<0.01	1.1	9.2	5.75	2690	0.09	0.01	0.5	77.0	130
F060524		8.54	10.50	0.08	0.7	0.038	<0.01	1.0	37.0	6.15	1770	0.14	0.01	0.8	100.5	150
F060525		8.33	14.65	0.09	0.8	0.049	0.14	1.2	64.4	6.12	1650	0.11	0.02	1.1	124.0	210
F060526		8.58	15.15	0.09	0.6	0.054	0.02	1.1	53.1	5.82	1480	0.10	0.02	1.2	120.5	220
F060527		8.45	16.25	0.11	0.8	0.058	0.25	1.3	71.1	6.04	1380	0.10	0.03	1.3	107.5	260
F060528		8.99	13.90	0.15	0.8	0.050	0.06	1.1	73.0	6.77	1830	0.10	0.03	1.1	104.5	210
F060529		7.98	11.35	0.12	0.7	0.041	0.01	1.1	48.3	6.93	1780	0.09	0.03	0.9	95.4	170
F060530		6.34	17.25	0.13	0.9	0.089	1.47	20.7	25.3	2.48	995	17.30	1.91	21.0	50.5	1330
F060531		7.26	8.06	0.07	1.1	0.027	<0.01	9.8	7.7	6.92	1615	0.20	<0.01	1.9	91.2	480
F060532		9.74	9.49	0.12	1.5	0.033	0.06	10.6	23.1	5.86	1430	0.44	0.01	2.7	79.0	600
F060533		5.25	15.75	0.11	2.8	0.033	0.45	16.9	54.6	4.10	893	0.18	0.26	5.3	22.7	940
F060534		5.32	12.10	0.09	2.2	0.026	0.06	13.8	44.1	5.48	1080	0.26	0.06	4.2	28.6	730
F060535		6.34	14.35	0.09	2.6	0.029	0.18	19.8	42.3	4.39	934	0.62	0.12	4.3	35.4	730
F060536		5.16	12.95	0.09	2.6	0.025	0.82	20.4	50.0	4.50	888	0.46	0.09	3.8	59.3	660
F060537		5.18	17.85	0.10	3.1	0.035	0.74	16.7	53.0	3.67	877	0.43	0.16	5.9	30.6	980
F060538		5.01	17.70	0.11	3.1	0.036	1.06	16.1	49.4	3.86	945	0.25	0.22	6.0	19.5	990
F060539		7.41	14.00	0.10	2.1	0.045	0.34	10.0	46.9	5.92	1425	0.26	0.10	3.7	47.3	630
F060540		7.63	14.50	0.11	2.2	0.045	0.35	10.4	48.7	6.11	1455	0.26	0.10	3.9	48.7	660
F060541		9.31	14.70	0.11	1.3	0.052	0.03	2.9	65.9	7.52	1515	0.12	0.01	2.4	91.8	450
F060542		8.59	13.55	0.09	1.3	0.052	0.06	3.2	46.7	6.30	1415	0.25	0.05	2.2	90.4	370
F060543		4.75	16.05	0.07	1.9	0.035	0.61	12.3	15.3	4.55	1000	0.55	0.17	2.9	44.3	470
F060544		3.77	17.70	0.08	2.1	0.023	1.02	13.2	18.8	3.70	810	0.37	0.16	3.2	49.7	500
F060545		3.66	18.00	0.08	2.2	0.019	0.91	12.6	20.1	3.42	730	0.42	0.15	3.3	52.3	520
F060546		3.96	17.80	0.08	2.2	0.019	0.93	13.1	18.8	3.96	744	0.27	0.22	3.1	61.2	490
F060547		4.19	17.15	0.08	2.0	0.029	0.63	12.2	13.2	4.67	899	0.18	0.34	3.0	58.5	470
F060548		4.00	15.80	0.11	3.2	0.026	0.27	17.3	39.2	4.05	765	0.79	1.90	4.6	235	530
F060549		4.01	15.60	0.07	2.1	0.020	1.00	11.8	29.2	4.50	826	0.31	0.35	2.9	53.2	480
F060550		0.12	0.29	<0.05	0.1	0.008	0.02	1.0	1.3	1.68	75	<0.05	0.03	0.1	1.0	60
F060551		4.24	16.35	0.07	2.2	0.021	0.64	12.6	21.5	4.83	876	0.32	0.37	3.0	53.9	480
F060552		4.18	16.20	0.07	2.0	0.024	0.72	11.9	23.9	4.52	826	0.25	0.27	2.8	55.7	460
F060553		4.42	16.40	0.08	2.0	0.027	0.39	12.8	18.4	4.56	927	0.28	0.25	3.1	52.6	490
F060554		3.95	14.50	0.10	1.9	0.024	0.81	12.4	21.4	4.28	804	0.32	0.27	2.8	48.1	470
F060555		4.19	14.40	0.11	2.4	0.029	0.36	14.5	27.3	3.91	731	0.59	1.51	3.7	154.5	510
F060556		4.57	13.50	0.13	2.0	0.027	0.44	12.9	29.7	3.76	875	0.43	0.64	2.9	99.4	470
F060557		5.22	10.25	0.08	1.4	0.027	0.11	8.6	19.8	4.94	1150	0.27	0.10	2.0	41.6	360
F060558		4.91	10.95	0.08	1.5	0.026	0.15	8.5	17.8	5.64	1060	0.30	0.18	2.1	49.8	410
F060559		7.23	13.50	0.08	1.0	0.040	0.49	3.0	44.1	5.32	1195	0.17	0.13	1.9	106.5	200
F060560		7.11	13.40	0.09	1.0	0.043	0.43	3.2	43.7	5.32	1200	0.17	0.12	2.0	102.0	210



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F060521		0.8	0.1	<0.002	0.02	1.19	15.2	1	<0.2	31.3	<0.05	<0.05	0.04	0.125	<0.02	0.1
F060522		0.5	0.1	<0.002	<0.01	0.86	8.7	1	0.2	23.9	0.08	<0.05	0.83	0.118	<0.02	0.2
F060523		0.5	0.1	<0.002	0.22	2.95	17.4	1	<0.2	15.6	<0.05	<0.05	0.06	0.138	<0.02	0.1
F060524		0.8	0.2	<0.002	0.04	1.45	28.2	1	0.3	18.8	0.05	<0.05	0.08	0.276	<0.02	0.1
F060525		2.3	4.6	<0.002	0.02	2.54	37.8	1	0.3	33.1	0.07	<0.05	0.10	0.380	0.06	0.1
F060526		2.8	0.4	<0.002	0.04	2.56	39.7	1	0.3	31.0	0.08	<0.05	0.09	0.406	<0.02	<0.1
F060527		2.3	4.9	<0.002	0.03	2.02	39.6	1	0.4	32.6	0.08	<0.05	0.09	0.415	0.09	<0.1
F060528		2.1	2.6	<0.002	0.01	1.86	37.6	1	0.4	24.9	0.07	<0.05	0.09	0.353	0.03	0.1
F060529		0.8	0.8	<0.002	0.02	1.24	30.6	1	0.3	25.1	0.06	<0.05	0.08	0.284	<0.02	0.1
F060530		2550	44.0	0.018	1.33	228	20.3	6	2.1	384	1.12	0.25	2.32	0.540	0.42	1.4
F060531		2.3	0.2	<0.002	0.05	1.20	13.2	<1	0.2	37.2	0.12	<0.05	0.83	0.187	0.04	0.2
F060532		0.8	2.1	<0.002	0.15	1.12	13.2	<1	0.8	25.1	0.16	<0.05	1.11	0.229	0.02	0.2
F060533		3.5	15.1	<0.002	0.02	4.49	9.9	<1	0.7	95.4	0.33	<0.05	2.17	0.347	0.11	0.4
F060534		2.5	2.2	<0.002	0.10	2.95	7.9	1	0.6	78.6	0.25	<0.05	1.67	0.264	0.02	0.3
F060535		2.5	6.7	<0.002	0.26	2.30	6.9	1	0.7	88.7	0.28	<0.05	2.38	0.243	0.05	0.4
F060536		2.0	29.9	<0.002	0.06	1.24	7.4	1	0.6	45.2	0.23	<0.05	2.40	0.224	0.19	0.4
F060537		3.5	14.7	<0.002	0.15	3.33	10.5	1	0.8	113.0	0.37	<0.05	2.14	0.374	0.16	0.4
F060538		3.3	24.2	<0.002	0.06	2.76	10.6	1	0.9	92.3	0.37	<0.05	2.15	0.374	0.20	0.5
F060539		2.0	14.7	<0.002	0.14	1.64	17.9	1	0.6	52.8	0.24	<0.05	1.24	0.352	0.07	0.3
F060540		2.1	15.6	<0.002	0.16	1.72	18.4	1	0.6	54.9	0.25	<0.05	1.33	0.366	0.07	0.3
F060541		1.7	1.2	<0.002	0.02	1.18	33.3	1	0.5	34.3	0.16	<0.05	0.25	0.489	<0.02	0.1
F060542		5.4	2.1	<0.002	0.05	2.25	29.7	1	0.5	62.0	0.14	<0.05	0.34	0.428	0.02	0.1
F060543		6.3	18.9	<0.002	<0.01	3.88	7.0	1	0.7	165.5	0.20	<0.05	1.63	0.201	0.08	0.4
F060544		4.3	31.5	<0.002	<0.01	2.67	7.4	<1	0.6	176.0	0.21	<0.05	1.77	0.221	0.15	0.4
F060545		6.3	23.3	<0.002	<0.01	2.85	7.6	<1	0.6	199.0	0.23	<0.05	1.81	0.231	0.15	0.4
F060546		5.0	28.6	<0.002	<0.01	2.70	7.9	1	0.6	183.5	0.23	<0.05	1.80	0.236	0.14	0.4
F060547		5.5	23.3	<0.002	<0.01	3.70	7.3	1	0.7	202	0.20	<0.05	1.66	0.209	0.09	0.4
F060548		14.3	6.6	<0.002	0.04	1.90	14.7	<1	0.7	205	0.39	<0.05	3.70	0.311	0.08	1.1
F060549		4.9	35.4	<0.002	<0.01	2.89	7.1	<1	0.6	154.0	0.21	<0.05	1.66	0.204	0.16	0.4
F060550		<0.5	0.5	<0.002	<0.01	<0.05	0.3	1	<0.2	86.4	<0.05	<0.05	0.07	0.006	<0.02	0.2
F060551		6.3	21.3	<0.002	<0.01	3.19	7.4	<1	0.6	173.0	0.21	<0.05	1.72	0.218	0.10	0.3
F060552		6.9	24.5	<0.002	<0.01	2.62	7.1	<1	0.6	141.0	0.20	<0.05	1.62	0.204	0.11	0.5
F060553		9.5	12.4	<0.002	<0.01	3.69	7.6	<1	0.6	155.0	0.20	<0.05	1.69	0.216	0.05	0.4
F060554		6.4	21.7	<0.002	<0.01	2.29	6.6	<1	0.6	127.0	0.19	<0.05	1.74	0.212	0.11	0.4
F060555		10.0	8.1	<0.002	0.07	2.00	10.2	<1	0.7	197.5	0.27	<0.05	2.90	0.265	0.07	0.9
F060556		4.2	11.6	<0.002	0.03	1.65	8.2	<1	0.5	145.5	0.22	<0.05	2.26	0.213	0.09	0.6
F060557		5.8	3.0	<0.002	0.02	1.72	6.5	<1	0.4	74.0	0.13	<0.05	1.37	0.147	0.02	0.3
F060558		3.0	4.5	<0.002	<0.01	1.83	5.0	<1	0.4	82.5	0.14	<0.05	1.46	0.154	0.03	0.4
F060559		2.3	13.3	<0.002	0.12	2.07	31.0	<1	0.4	87.3	0.12	0.07	0.29	0.396	0.09	0.1
F060560		2.4	10.8	<0.002	0.10	1.99	30.1	<1	0.4	84.8	0.12	0.05	0.32	0.383	0.08	0.1



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F060521		114	<0.1	3.7	45	14.3
F060522		68	0.2	6.3	46	44.6
F060523		95	0.1	10.4	51	16.8
F060524		180	0.1	13.2	77	25.3
F060525		236	0.1	13.6	73	28.3
F060526		252	0.1	15.2	57	21.1
F060527		237	0.1	15.0	54	30.5
F060528		217	0.2	14.8	79	28.7
F060529		186	0.2	12.2	85	25.6
F060530		208	18.9	14.0	4140	30.6
F060531		90	0.3	5.5	77	50.4
F060532		92	0.2	9.8	166	66.4
F060533		95	0.3	11.6	89	125.5
F060534		89	0.2	10.2	76	100.5
F060535		68	0.3	9.7	68	118.5
F060536		61	0.4	7.9	76	115.5
F060537		97	0.3	11.6	79	139.5
F060538		102	0.2	11.4	72	137.5
F060539		133	0.2	14.2	95	89.1
F060540		136	0.2	15.0	97	92.3
F060541		224	0.2	20.1	97	49.5
F060542		196	0.3	17.0	98	50.1
F060543		59	0.3	7.1	68	77.3
F060544		57	0.3	6.8	56	87.8
F060545		62	0.3	6.8	56	86.5
F060546		62	0.3	7.2	56	90.3
F060547		55	0.3	7.2	58	80.0
F060548		95	0.5	11.0	76	126.5
F060549		57	0.3	7.0	62	79.9
F060550		1	0.1	2.1	2	2.0
F060551		58	0.4	7.1	66	82.5
F060552		58	0.3	7.2	67	81.3
F060553		55	0.3	6.9	71	87.1
F060554		54	0.3	6.5	64	77.9
F060555		78	0.4	8.8	68	101.5
F060556		65	0.7	7.9	62	79.8
F060557		56	0.9	5.8	66	56.8
F060558		56	0.4	6.4	68	58.9
F060559		203	1.6	11.6	80	35.6
F060560		197	1.2	11.4	80	41.8





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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
F060561		5.09	0.002	0.26	6.68	34.9	30	0.36	0.02	9.27	0.16	8.48	29.3	151	0.33	195.0
F060562		5.02	0.001	0.11	6.03	20.9	10	0.46	0.01	11.15	0.07	4.68	31.8	147	0.30	66.1
F060563		5.18	0.001	0.09	6.30	25.8	10	0.29	0.02	6.34	0.09	4.80	34.7	199	0.17	77.1
F060564		4.95	0.001	0.14	6.19	16.5	10	0.25	0.02	6.70	0.10	4.68	38.0	195	0.15	135.5
F060565		5.05	<0.001	0.14	6.95	16.2	10	0.15	0.02	7.72	1.14	5.70	42.6	239	0.22	95.7
F060566		4.73	<0.001	0.14	6.44	14.2	20	0.13	0.02	7.79	0.16	4.28	45.2	239	0.18	103.0
F060567		4.38	<0.001	0.16	7.64	29.3	170	0.34	0.03	4.18	0.11	4.90	46.7	232	0.56	92.0
F060568		3.13	<0.001	0.03	7.19	12.9	250	0.71	0.02	4.16	0.05	35.4	22.6	9	0.65	26.3
F060569		5.24	<0.001	0.05	7.13	14.4	280	0.70	0.02	3.64	0.08	38.3	22.6	15	0.65	35.8
F060570		0.91	<0.001	<0.01	0.08	<0.2	10	0.05	<0.01	32.9	0.02	1.04	0.7	3	<0.05	3.4
F060571		3.75	<0.001	0.06	7.10	10.4	230	0.76	0.02	3.85	0.06	36.0	19.0	4	0.48	35.5
F060572		3.63	0.004	0.13	6.24	4.7	30	0.61	0.05	6.73	0.11	27.3	40.2	30	0.42	72.8
F060573		3.83	<0.001	0.03	5.49	11.2	20	0.34	0.03	8.68	0.06	22.9	17.8	46	0.18	14.2
F060574		3.54	<0.001	<0.01	5.59	13.4	90	0.30	0.01	4.32	0.02	17.85	12.2	61	0.44	1.4
F060575		4.28	0.001	0.16	6.59	34.1	90	0.35	0.03	4.63	0.08	15.35	30.3	126	0.36	113.5
F060576		3.19	0.003	0.02	6.85	8.1	60	0.41	0.02	2.51	<0.02	24.4	7.0	77	0.57	12.2
F060577		3.93	<0.001	0.01	5.78	13.8	<10	0.38	0.01	9.12	0.05	23.8	16.9	52	0.09	6.7
F060578		4.40	<0.001	0.03	6.31	11.4	30	0.41	0.02	8.12	0.05	14.95	24.9	103	0.24	34.9
F060579		4.84	0.003	0.07	6.20	20.3	10	0.43	0.03	9.98	0.09	4.81	34.9	131	0.15	74.0
F060580		0.11	0.459	0.42	6.88	4.3	860	0.91	1.18	1.80	0.06	27.0	5.7	15	0.49	42.7
F060581		4.86	<0.001	0.06	5.07	8.5	10	0.34	0.02	12.55	0.05	4.00	28.5	112	0.17	64.7
F060582		4.87	0.002	0.06	5.65	11.5	10	0.37	0.02	11.60	0.08	4.75	30.2	127	0.21	61.8
F060583		4.65	0.003	0.09	6.05	11.9	10	0.35	0.01	8.43	0.14	4.52	33.9	153	0.10	124.0
F060584		4.82	<0.001	0.03	6.15	8.1	<10	0.33	0.01	11.05	0.06	3.81	29.6	133	0.15	34.2
F060585		4.84	0.001	0.05	6.51	12.5	10	0.40	0.02	8.05	0.09	4.49	29.7	158	0.08	72.6
F060586		4.83	0.001	0.09	7.23	9.3	10	0.36	0.03	8.84	0.13	5.72	30.7	157	0.14	136.0
F060587		5.25	0.004	0.12	6.88	18.4	20	0.39	0.03	8.74	0.19	5.70	35.6	159	0.14	194.0
F060588		4.81	0.009	0.26	5.78	13.5	30	0.41	0.03	10.80	0.29	4.31	27.1	123	0.23	305
F060589		4.73	0.011	0.09	5.64	23.3	10	0.28	0.03	12.25	0.10	9.20	38.3	96	0.19	81.8
F060590		<0.02	0.006	0.08	5.42	24.5	20	0.34	0.05	11.95	0.11	9.23	39.1	87	0.18	87.0
F060591		4.83	<0.001	0.09	7.43	17.8	70	0.46	0.04	7.72	0.10	7.17	35.6	147	0.35	67.2
F060592		4.53	0.003	0.23	7.24	20.9	100	0.48	0.04	7.90	0.17	6.11	36.6	139	0.59	170.5
F060593		5.17	0.031	0.15	6.08	8.9	40	0.37	0.04	9.77	0.13	5.55	33.0	127	0.34	134.0
F060594		4.98	0.007	0.19	6.93	16.9	50	0.37	0.05	8.41	0.18	7.13	37.9	138	0.32	88.3
F060595		2.65	0.001	0.17	6.55	30.8	160	0.34	0.05	10.50	0.14	5.83	38.1	130	0.63	69.5
F060596		2.03	<0.001	0.15	7.49	50.6	140	0.54	0.05	4.13	0.12	24.5	35.6	289	0.36	60.7
F060597		4.64	<0.001	0.15	7.05	46.6	130	0.51	0.05	4.29	0.13	21.8	34.1	269	0.30	68.7
F060598		4.56	<0.001	0.11	7.20	52.0	120	0.52	0.05	4.28	0.09	26.5	32.1	269	0.38	48.5
F060599		4.08	<0.001	0.10	7.18	68.7	120	0.51	0.05	3.95	0.06	24.9	34.4	278	0.37	39.4
F060600		<0.02	<0.001	0.10	7.17	66.8	120	0.55	0.05	3.92	0.06	24.6	35.0	271	0.38	38.7



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060561		7.63	11.90	0.08	1.0	0.051	0.20	3.4	39.6	4.70	1530	0.13	0.12	2.2	89.8	250
F060562		7.03	10.75	0.07	0.7	0.041	0.05	1.7	38.1	5.85	1635	0.09	0.21	1.3	112.5	190
F060563		8.02	13.50	0.07	0.7	0.052	0.04	1.8	31.4	3.92	1605	0.12	0.73	1.3	119.5	190
F060564		8.74	12.85	0.08	0.8	0.054	0.04	1.7	26.5	4.14	1605	0.12	0.63	1.3	125.5	210
F060565		8.08	14.45	0.07	1.0	0.066	0.04	2.2	23.5	4.34	1415	0.20	0.92	1.0	108.0	260
F060566		7.72	14.40	0.07	0.8	0.058	0.06	1.6	22.8	4.30	1400	0.12	0.91	0.9	116.5	210
F060567		8.98	14.50	0.08	0.7	0.050	0.88	1.8	33.4	3.80	1390	0.13	0.57	1.5	159.0	250
F060568		5.89	15.05	0.10	2.9	0.044	0.93	16.1	18.0	1.36	920	1.04	2.62	5.2	12.2	1080
F060569		5.84	14.70	0.11	2.8	0.047	0.85	17.6	16.8	1.25	920	0.86	2.74	5.2	13.0	1130
F060570		0.12	0.24	0.08	<0.1	0.007	0.02	1.1	1.5	1.65	87	<0.05	0.03	0.1	0.4	70
F060571		5.74	14.40	0.10	2.8	0.044	0.54	17.3	14.2	1.21	926	0.83	3.15	4.9	8.6	1050
F060572		10.25	20.7	0.09	2.8	0.086	0.09	11.1	11.4	2.32	1635	0.54	1.57	6.8	42.7	760
F060573		5.19	12.40	0.08	1.6	0.032	0.08	11.5	30.6	4.77	1070	0.23	0.35	2.8	49.4	500
F060574		3.39	14.95	0.08	1.7	0.021	1.24	7.5	39.8	2.94	612	0.35	0.09	2.9	43.6	470
F060575		5.53	14.40	0.09	1.5	0.052	0.97	6.4	48.4	3.05	933	0.81	0.17	2.6	85.7	450
F060576		2.18	15.00	0.10	1.9	0.018	1.05	11.9	55.7	1.46	322	0.40	0.25	3.0	28.2	470
F060577		4.49	12.25	0.08	1.7	0.023	0.02	11.8	25.5	4.95	1010	0.30	0.04	2.5	58.1	440
F060578		6.12	12.65	0.07	1.4	0.034	0.24	6.8	38.0	5.43	1155	0.15	0.06	2.1	84.4	300
F060579		6.27	11.15	0.06	0.8	0.048	0.10	1.9	36.2	5.33	1555	0.12	0.12	1.5	111.5	150
F060580		2.31	13.15	0.12	1.8	0.033	1.79	13.6	3.2	0.50	651	2.21	3.33	6.0	9.3	490
F060581		5.71	9.38	0.07	0.6	0.033	0.08	1.6	28.4	6.63	1855	0.10	0.04	1.2	92.4	130
F060582		6.98	9.99	0.07	0.6	0.049	0.10	1.8	32.1	5.84	1635	0.09	0.05	1.3	96.6	150
F060583		7.17	11.20	0.07	0.7	0.051	0.05	1.6	27.1	4.87	1360	0.18	0.11	1.5	108.0	180
F060584		7.49	10.85	0.06	0.7	0.041	0.04	1.3	31.6	6.39	1520	0.10	0.03	1.4	106.0	150
F060585		7.34	13.00	0.06	0.7	0.056	0.05	1.6	34.3	5.40	1470	0.14	0.08	1.6	101.5	190
F060586		6.95	12.90	0.07	0.9	0.051	0.07	2.1	33.4	5.18	1550	0.17	0.07	1.6	100.5	170
F060587		6.93	12.50	0.08	0.9	0.055	0.14	2.0	32.9	5.14	1590	0.17	0.11	1.6	112.5	180
F060588		6.14	9.75	0.05	0.7	0.054	0.28	1.6	31.4	5.77	1610	0.17	0.11	1.2	88.6	130
F060589		7.80	11.55	0.06	1.0	0.055	0.05	3.5	30.5	6.13	1605	0.14	0.06	2.4	94.1	240
F060590		7.47	11.50	<0.05	1.0	0.065	0.08	3.5	34.4	5.95	1545	1.06	0.06	2.4	95.8	230
F060591		8.14	14.05	<0.05	0.9	0.065	0.49	2.5	39.0	5.24	1345	0.29	0.50	1.9	118.5	220
F060592		7.14	13.25	<0.05	1.0	0.064	1.00	2.2	37.8	4.56	1535	0.38	0.33	1.7	127.0	220
F060593		9.29	11.55	<0.05	0.8	0.057	0.43	2.1	27.1	4.71	2290	0.13	0.08	1.5	107.5	170
F060594		7.94	13.25	<0.05	1.1	0.065	0.28	2.6	25.4	4.51	1545	0.20	0.48	1.9	122.0	240
F060595		6.35	11.95	<0.05	0.8	0.058	0.72	2.1	26.7	4.47	1805	0.17	0.70	1.6	120.0	230
F060596		5.41	14.45	<0.05	2.4	0.046	0.40	11.7	30.4	4.39	1055	0.62	2.11	3.7	216	450
F060597		5.11	13.90	<0.05	2.3	0.042	0.37	10.3	31.9	4.16	922	0.62	2.01	3.7	219	460
F060598		5.05	13.55	<0.05	2.4	0.043	0.38	12.5	35.0	4.20	935	0.65	2.06	3.7	213	460
F060599		5.12	13.70	<0.05	2.3	0.042	0.32	11.9	34.9	4.27	890	0.59	2.27	3.6	219	450
F060600		5.15	14.20	<0.05	2.4	0.043	0.33	11.6	36.4	4.25	894	0.59	2.27	3.7	215	450



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F060561		2.6	5.4	<0.002	0.08	2.51	29.4	<1	0.3	58.8	0.13	<0.05	0.29	0.389	0.03	0.1
F060562		1.8	1.3	<0.002	0.04	1.37	25.8	<1	0.3	40.8	0.07	<0.05	0.12	0.307	<0.02	0.1
F060563		3.0	0.5	<0.002	0.05	2.05	29.2	<1	0.4	70.2	0.08	<0.05	0.12	0.372	0.02	0.1
F060564		3.2	0.7	<0.002	0.07	2.43	28.9	<1	0.4	82.3	0.08	<0.05	0.12	0.374	<0.02	0.1
F060565		8.8	0.9	0.002	0.12	2.82	37.5	<1	0.4	91.0	0.06	<0.05	0.23	0.395	0.06	0.1
F060566		4.9	1.1	<0.002	0.08	2.87	35.5	<1	0.4	103.5	0.06	<0.05	0.18	0.366	0.02	0.1
F060567		3.4	12.7	<0.002	0.05	1.79	35.0	<1	0.5	81.0	0.10	<0.05	0.15	0.432	0.12	0.1
F060568		2.3	26.0	<0.002	0.07	0.53	26.3	<1	0.9	123.5	0.36	<0.05	3.12	0.524	0.13	0.8
F060569		2.9	26.7	<0.002	0.06	0.58	28.0	<1	0.5	154.5	0.36	<0.05	3.24	0.531	0.12	0.8
F060570		<0.5	0.4	<0.002	0.01	<0.05	0.2	<1	<0.2	80.7	<0.05	<0.05	0.08	0.006	<0.02	0.1
F060571		3.1	16.3	<0.002	0.06	0.52	25.2	<1	0.6	176.5	0.35	<0.05	3.34	0.517	0.08	0.8
F060572		2.1	2.6	0.003	0.20	0.86	22.8	<1	1.1	114.5	0.41	<0.05	1.10	1.090	0.02	0.3
F060573		3.6	2.2	<0.002	0.04	1.59	7.2	<1	0.5	120.0	0.18	<0.05	1.40	0.282	<0.02	0.3
F060574		1.5	15.0	<0.002	<0.01	0.86	5.3	<1	0.6	44.3	0.19	<0.05	1.30	0.209	0.16	0.2
F060575		1.7	12.9	<0.002	0.06	1.08	21.4	<1	0.7	52.0	0.17	<0.05	0.95	0.349	0.16	0.3
F060576		1.9	21.4	<0.002	<0.01	0.89	5.8	<1	0.6	84.2	0.19	<0.05	1.80	0.219	0.15	0.4
F060577		2.5	0.4	<0.002	<0.01	1.45	5.8	<1	0.6	76.5	0.17	<0.05	1.57	0.181	<0.02	0.4
F060578		1.4	5.8	<0.002	0.01	1.26	19.6	<1	0.4	48.9	0.14	<0.05	0.89	0.280	0.03	0.2
F060579		2.1	2.7	<0.002	0.04	1.80	28.4	<1	0.3	50.5	0.09	<0.05	0.15	0.335	<0.02	0.1
F060580		8.7	36.0	<0.002	0.04	0.79	6.3	<1	1.0	198.5	0.39	0.27	3.06	0.204	0.17	1.1
F060581		0.9	2.5	<0.002	0.01	0.70	23.6	<1	0.3	27.9	0.07	0.05	0.11	0.273	<0.02	0.1
F060582		1.4	2.9	<0.002	0.05	1.17	26.5	<1	0.3	33.4	0.07	<0.05	0.14	0.308	<0.02	0.1
F060583		2.2	0.9	<0.002	0.05	1.93	26.3	<1	0.4	28.8	0.09	<0.05	0.13	0.363	<0.02	0.1
F060584		1.0	1.0	<0.002	0.03	1.11	28.9	<1	0.3	19.3	0.08	<0.05	0.13	0.335	<0.02	<0.1
F060585		1.9	0.8	<0.002	0.07	2.33	27.5	<1	0.4	35.3	0.10	0.05	0.13	0.381	<0.02	0.1
F060586		2.0	2.0	<0.002	0.03	2.20	31.9	<1	0.3	43.1	0.10	0.06	0.19	0.391	<0.02	0.1
F060587		2.0	3.3	<0.002	0.06	2.35	30.7	<1	0.4	38.5	0.10	<0.05	0.16	0.384	0.02	0.1
F060588		1.6	7.4	<0.002	0.05	1.66	26.0	<1	0.3	39.1	0.08	0.05	0.13	0.313	0.04	0.1
F060589		1.7	1.6	<0.002	0.14	1.42	25.6	<1	0.5	54.9	0.14	<0.05	0.30	0.413	<0.02	0.1
F060590		1.7	1.9	<0.002	0.15	1.34	26.7	1	0.5	53.3	0.15	<0.05	0.29	0.387	<0.02	0.1
F060591		3.4	13.1	<0.002	0.09	2.56	37.1	1	0.4	65.8	0.12	<0.05	0.18	0.417	0.07	<0.1
F060592		2.4	30.8	<0.002	0.09	1.57	35.7	1	0.5	50.8	0.10	<0.05	0.17	0.387	0.15	0.1
F060593		2.9	13.9	<0.002	0.27	2.22	30.4	1	0.3	53.6	0.09	0.05	0.16	0.330	0.07	0.1
F060594		5.2	9.6	<0.002	0.09	3.13	34.5	1	0.6	123.5	0.12	<0.05	0.21	0.417	0.06	0.1
F060595		6.1	25.5	<0.002	0.03	2.08	32.4	1	0.5	128.5	0.10	<0.05	0.15	0.357	0.13	<0.1
F060596		6.0	8.5	<0.002	0.03	0.94	20.6	<1	0.7	185.0	0.30	<0.05	2.36	0.309	0.08	0.8
F060597		6.0	5.0	<0.002	0.04	0.58	17.5	<1	0.6	183.5	0.30	<0.05	2.10	0.284	0.07	0.8
F060598		5.9	10.0	<0.002	0.04	0.52	19.1	1	0.6	175.0	0.30	<0.05	2.70	0.289	0.07	0.8
F060599		6.0	6.8	<0.002	0.04	0.55	18.8	<1	0.6	172.5	0.29	<0.05	2.44	0.274	0.07	0.8
F060600		6.0	7.0	<0.002	0.05	0.53	19.5	<1	0.6	174.5	0.30	<0.05	2.44	0.276	0.07	0.8



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F060561		197	0.2	13.2	72	40.6
F060562		198	0.2	12.8	67	29.1
F060563		234	0.2	14.5	95	28.6
F060564		251	0.1	16.3	101	28.1
F060565		239	0.1	18.9	99	31.2
F060566		252	0.1	16.2	84	30.8
F060567		257	0.2	14.2	92	26.9
F060568		181	0.9	15.0	69	123.0
F060569		161	0.4	15.6	75	122.0
F060570		1	<0.1	2.0	2	1.7
F060571		177	0.4	14.8	71	125.0
F060572		298	0.3	25.9	119	142.0
F060573		85	0.1	9.8	67	65.8
F060574		53	0.2	6.2	39	73.8
F060575		160	0.3	10.8	54	61.7
F060576		49	0.2	6.5	23	78.3
F060577		51	0.1	7.1	62	70.6
F060578		126	0.1	9.7	69	53.6
F060579		188	0.1	11.5	67	30.1
F060580		38	17.6	17.5	47	62.0
F060581		159	0.1	10.8	64	25.7
F060582		178	0.1	12.4	69	25.8
F060583		212	0.1	11.6	68	24.7
F060584		193	0.1	11.8	70	27.9
F060585		212	0.1	11.3	73	37.4
F060586		214	0.2	12.9	80	32.4
F060587		215	0.1	13.5	111	31.6
F060588		175	0.1	12.2	115	32.0
F060589		189	0.3	15.3	88	45.8
F060590		176	0.3	14.8	104	38.2
F060591		229	0.6	14.7	89	33.6
F060592		216	0.5	14.7	72	35.4
F060593		184	0.2	13.0	76	27.5
F060594		219	0.3	16.5	123	41.9
F060595		198	0.2	13.8	87	31.2
F060596		117	0.4	10.7	100	90.2
F060597		104	0.5	8.9	88	91.2
F060598		104	0.6	10.5	86	93.0
F060599		103	0.6	9.8	82	90.8
F060600		103	0.6	10.0	84	94.1



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**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060601		4.31	<0.001	0.11	7.12	72.3	150	0.54	0.04	3.80	0.08	22.4	34.1	286	0.42	46.0
F060602		4.77	<0.001	0.13	7.74	65.1	200	0.59	0.05	4.26	0.11	26.6	34.8	302	0.43	53.3
F060603		5.26	0.007	0.55	6.83	47.7	120	0.23	0.08	10.25	0.31	6.99	47.4	144	0.46	220
F060604		4.37	0.002	0.31	6.92	32.5	110	0.21	0.05	6.63	0.21	5.94	47.1	151	0.52	160.0
F060605		2.11	<0.001	0.12	6.34	10.4	300	1.48	0.13	5.92	0.09	97.0	37.0	595	0.69	42.6
F060606		3.64	0.003	0.20	7.26	20.6	180	0.24	0.07	7.08	0.16	6.56	43.9	230	0.71	121.0
F060607		2.81	0.001	0.20	7.46	30.3	80	0.16	0.03	7.62	0.17	5.28	44.2	255	0.43	113.5
F060608		3.62	0.002	0.23	7.33	39.7	140	0.21	0.05	7.08	0.19	6.22	48.2	176	0.62	117.0
F060609		3.40	0.001	0.12	7.23	14.1	220	0.54	0.06	3.78	0.12	24.2	32.3	263	0.55	55.2
F060610		0.11	1.185	76.3	6.62	53.3	220	1.12	2.48	1.97	16.95	32.5	22.4	127	2.28	7120
F060611		4.78	<0.001	0.16	6.99	16.5	210	0.51	0.05	4.38	0.10	21.2	36.1	256	0.57	56.9
F060612		4.61	0.002	0.19	7.01	11.7	100	0.25	0.06	6.82	0.15	8.43	42.5	187	0.81	107.0
F060613		5.73	0.001	0.17	7.12	11.4	80	0.43	0.07	6.87	0.18	14.30	45.2	161	1.26	119.0
F060614		5.14	0.002	0.12	6.99	4.3	60	0.74	0.05	6.56	0.20	24.4	45.7	54	2.14	135.5
F060615		5.15	0.001	0.12	7.18	3.5	50	0.78	0.03	6.74	0.20	27.0	47.9	57	1.39	147.0
F060616		5.07	0.003	0.13	7.49	9.0	50	0.30	0.02	6.83	0.19	8.37	48.4	151	0.39	134.0
F060617		4.77	0.003	0.11	7.03	21.8	60	0.17	0.02	7.65	0.19	6.32	48.5	142	0.38	142.0
F060618		5.04	0.002	0.09	7.10	22.9	80	0.22	0.03	8.81	0.18	7.60	46.1	144	0.43	141.5
F060619		5.01	0.003	0.10	7.97	17.4	40	0.20	0.03	8.11	0.15	6.51	49.0	175	0.30	145.0
F060620		<0.02	0.003	0.09	7.89	17.3	40	0.21	0.03	7.75	0.15	6.47	50.7	174	0.27	144.0
F060621		5.62	0.003	0.09	7.57	17.5	70	0.20	0.02	8.34	0.16	6.24	49.8	169	0.40	139.5
F060622		2.88	0.004	0.09	7.72	18.1	70	0.19	0.02	7.62	0.15	6.22	53.2	166	0.38	132.5
F060623		3.33	0.003	0.10	7.57	14.2	60	0.22	0.01	6.79	0.14	6.41	51.1	159	0.45	140.0
F060624		3.78	0.002	0.10	7.34	16.0	40	0.19	0.01	5.83	0.12	6.07	45.8	153	0.53	130.5
F060625		3.27	0.002	0.12	6.96	16.7	50	0.16	0.02	5.85	0.17	5.91	47.5	143	0.59	147.0
F060626		4.36	0.003	0.11	7.47	14.0	80	0.21	0.02	6.24	0.16	5.90	49.4	155	0.58	144.0
F060627		2.67	0.002	0.09	7.34	17.7	60	0.22	0.01	5.39	0.16	6.07	52.4	159	0.55	137.0
F060628		5.22	0.002	0.08	7.23	13.5	60	0.23	0.01	5.68	0.11	6.29	51.1	152	0.56	128.0
F060629		4.88	0.002	0.12	6.70	12.1	50	0.23	0.03	6.99	0.09	9.23	43.1	178	0.63	115.5
F060630		1.42	0.001	<0.01	0.04	0.5	180	0.05	0.04	20.0	0.10	0.67	1.0	1	0.51	2.9
F060631		4.93	0.004	0.13	6.65	26.4	80	0.23	0.03	7.41	0.13	6.27	43.7	136	0.69	125.5
F060632		5.05	0.003	0.11	7.58	11.2	40	0.18	0.01	7.38	0.18	6.44	49.4	152	0.38	136.0
F060633		4.86	0.004	0.08	7.28	4.4	50	0.16	0.01	7.22	0.12	6.04	46.3	142	0.43	122.0
F060634		5.08	0.002	0.07	7.59	8.0	30	0.19	0.01	6.86	0.14	6.16	49.6	182	0.30	142.0
F060635		5.20	0.002	0.06	7.69	4.5	20	0.16	0.01	7.80	0.14	5.33	47.1	239	0.21	156.5
F060636		5.44	0.003	0.09	7.44	8.3	30	0.17	0.01	7.31	0.17	5.46	47.2	192	0.37	165.5
F060637		5.00	0.003	0.08	7.89	13.8	40	0.20	0.01	7.11	0.15	6.73	50.9	162	0.29	159.0
F060638		5.16	0.008	0.08	7.57	15.1	30	0.18	0.02	7.45	0.14	6.21	50.7	162	0.31	159.5
F060639		2.32	0.002	0.08	7.39	13.5	30	0.18	0.02	8.18	0.18	6.31	48.8	145	0.26	143.5
F060640		0.11	6.30	86.0	7.16	427	2430	0.91	0.48	5.02	21.2	42.7	26.5	73	2.66	745



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060601		5.17	14.00	<0.05	2.4	0.040	0.45	10.4	35.4	4.43	913	0.56	2.04	3.7	226	450
F060602		5.28	14.35	<0.05	2.5	0.044	0.62	12.7	28.8	4.58	1010	0.61	2.17	3.9	236	490
F060603		7.57	13.10	<0.05	0.9	0.110	0.50	2.6	18.6	3.58	2040	0.33	0.65	1.7	143.5	240
F060604		7.58	13.25	<0.05	0.9	0.066	0.39	2.1	29.5	4.35	1465	0.16	1.24	1.8	143.5	210
F060605		5.35	16.45	0.07	4.0	0.068	0.61	45.1	15.7	4.80	987	0.17	2.87	7.3	199.0	1290
F060606		7.09	13.80	<0.05	1.0	0.063	0.70	2.5	20.4	4.14	1250	0.20	1.44	1.3	126.5	220
F060607		7.78	14.65	<0.05	0.9	0.064	0.45	2.1	21.0	4.80	1380	0.12	1.03	0.9	122.0	210
F060608		7.68	14.40	<0.05	1.0	0.065	0.63	2.3	22.4	4.51	1325	0.13	1.20	1.5	141.0	220
F060609		4.98	13.95	<0.05	2.4	0.038	0.63	11.3	34.8	4.21	832	0.64	2.16	3.7	212	450
F060610		5.29	16.75	<0.05	0.9	0.225	2.30	15.3	12.7	1.99	724	260	1.64	7.9	139.5	640
F060611		5.41	14.15	<0.05	2.1	0.043	0.60	9.9	35.8	4.32	942	0.90	1.98	3.4	213	410
F060612		7.85	15.20	<0.05	1.0	0.071	0.41	3.2	24.7	4.24	1430	0.33	1.69	1.9	108.0	270
F060613		8.89	17.90	0.12	1.5	0.079	0.42	5.6	21.7	3.94	1470	0.52	1.84	3.8	100.5	390
F060614		10.30	22.0	0.13	2.4	0.096	0.40	9.5	14.6	2.87	1570	0.50	2.15	7.1	71.3	620
F060615		10.70	22.8	0.14	2.7	0.090	0.26	10.6	13.1	2.95	1590	0.55	2.15	7.3	73.9	650
F060616		8.37	15.35	0.09	1.2	0.066	0.23	3.1	23.3	4.34	1510	0.16	1.94	2.4	145.0	270
F060617		8.26	13.55	0.11	0.8	0.065	0.30	2.3	30.3	4.98	1450	0.14	0.94	1.8	154.0	220
F060618		7.58	13.70	0.09	0.9	0.060	0.48	2.8	20.5	4.37	1360	0.17	0.92	1.9	154.5	240
F060619		8.35	14.20	0.09	0.9	0.063	0.24	2.4	18.2	3.92	1295	0.16	0.96	1.9	164.0	250
F060620		8.49	14.75	0.10	0.9	0.067	0.21	2.3	19.0	3.99	1295	0.15	0.94	1.9	167.0	250
F060621		7.55	14.05	0.10	1.0	0.063	0.50	2.2	16.7	4.14	1360	0.15	0.98	1.8	160.5	240
F060622		7.83	14.95	0.11	0.9	0.064	0.45	2.2	19.9	4.65	1365	0.14	1.03	1.9	172.0	240
F060623		8.37	14.40	0.10	0.9	0.063	0.38	2.3	25.2	5.26	1260	0.14	1.07	1.9	156.5	240
F060624		8.24	13.60	0.09	0.8	0.058	0.24	2.1	36.0	5.47	1265	0.13	1.17	1.8	147.5	230
F060625		8.30	13.25	0.10	0.8	0.057	0.30	2.1	36.9	5.71	1330	0.11	0.87	1.7	156.5	210
F060626		7.66	13.95	0.09	0.8	0.056	0.49	2.1	29.7	5.34	1195	0.12	1.16	1.8	167.5	230
F060627		8.24	14.75	0.10	0.9	0.068	0.42	2.2	30.9	5.84	1290	0.12	1.28	1.9	183.0	240
F060628		7.97	13.60	0.10	0.8	0.059	0.43	2.3	28.4	5.70	1290	0.12	1.23	1.7	182.0	220
F060629		7.44	13.15	0.09	1.0	0.059	0.30	3.8	30.1	4.95	1255	0.31	1.10	1.8	134.5	320
F060630		0.09	0.23	0.15	<0.1	0.016	0.01	<0.5	10.3	13.10	401	8.40	0.02	0.1	1.1	40
F060631		7.03	12.50	0.08	0.8	0.060	0.56	2.4	29.7	4.25	1305	0.16	1.06	1.6	139.5	220
F060632		8.01	13.90	0.10	0.7	0.067	0.17	2.3	23.7	4.95	1325	0.13	1.35	1.8	165.0	230
F060633		7.97	13.35	0.09	0.8	0.064	0.25	2.2	27.4	4.82	1340	0.13	1.24	1.7	160.0	220
F060634		8.53	14.85	0.10	0.8	0.067	0.16	2.2	18.2	5.22	1470	0.12	1.57	1.7	151.0	240
F060635		8.58	15.90	0.09	1.0	0.062	0.09	1.9	14.4	4.83	1400	0.25	1.47	1.1	128.5	240
F060636		8.02	14.60	0.09	0.8	0.068	0.12	2.0	20.2	4.62	1370	0.12	1.45	1.3	137.5	230
F060637		8.14	14.40	0.09	0.9	0.062	0.15	2.4	17.5	4.92	1445	0.41	1.84	1.8	179.0	240
F060638		7.68	13.70	0.09	1.0	0.056	0.11	2.2	17.4	4.29	1345	0.12	2.04	1.7	168.0	230
F060639		8.28	14.00	0.09	0.8	0.062	0.12	2.3	14.0	4.53	1440	0.10	1.87	1.7	171.5	220
F060640		6.27	17.20	0.13	0.9	0.106	1.45	21.9	25.3	2.42	940	17.15	1.91	20.3	53.4	1290



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F060601		5.9	9.1	<0.002	0.05	0.72	18.2	1	0.5	175.0	0.30	<0.05	2.24	0.275	0.10	0.8
F060602		6.0	13.5	<0.002	0.07	1.36	19.2	1	0.7	225	0.31	<0.05	2.58	0.305	0.11	0.8
F060603		5.3	16.5	<0.002	0.28	3.85	37.5	1	0.7	212	0.11	0.05	0.18	0.374	0.10	0.1
F060604		3.7	11.8	<0.002	0.11	2.15	34.1	1	0.4	204	0.11	<0.05	0.16	0.393	0.10	<0.1
F060605		10.2	14.0	<0.002	0.08	0.90	20.9	1	1.3	343	0.39	<0.05	7.82	0.305	0.11	2.1
F060606		4.8	22.4	<0.002	0.12	3.59	40.0	1	0.4	304	0.08	<0.05	0.31	0.367	0.15	0.1
F060607		5.8	14.4	0.002	0.09	4.44	44.3	1	0.4	209	0.06	<0.05	0.25	0.370	0.08	0.1
F060608		4.9	21.7	<0.002	0.09	4.11	40.7	1	0.4	250	0.09	<0.05	0.20	0.388	0.13	0.1
F060609		6.8	13.3	<0.002	0.08	0.69	19.3	<1	0.6	180.5	0.30	<0.05	2.43	0.287	0.10	0.8
F060610		1540	86.8	0.121	2.39	137.0	9.2	6	4.7	362	0.50	0.44	6.07	0.227	1.53	2.1
F060611		7.1	11.5	<0.002	0.08	0.83	21.3	1	0.6	188.0	0.27	<0.05	1.94	0.302	0.11	0.7
F060612		4.9	13.8	<0.002	0.19	3.45	38.4	1	0.5	224	0.12	<0.05	0.34	0.452	0.10	0.1
F060613		4.9	15.9	0.002	0.20	3.93	34.0	1	0.7	226	0.24	<0.05	0.49	0.652	0.12	0.1
F060614		5.1	17.2	0.002	0.19	2.11	22.9	1	1.1	271	0.44	<0.05	0.85	1.010	0.16	0.2
F060615		5.3	10.8	0.003	0.22	1.92	23.4	1	1.0	275	0.45	<0.05	0.88	1.050	0.10	0.2
F060616		2.9	6.1	<0.002	0.09	1.60	38.3	1	0.6	155.0	0.15	<0.05	0.24	0.470	0.04	0.1
F060617		1.9	7.9	<0.002	0.08	1.30	36.7	1	0.4	115.0	0.10	<0.05	0.16	0.383	0.04	<0.1
F060618		2.3	12.6	<0.002	0.04	1.86	35.3	1	0.4	121.5	0.12	<0.05	0.19	0.405	0.06	0.1
F060619		2.9	5.7	<0.002	0.09	1.91	39.7	1	0.4	144.5	0.11	<0.05	0.17	0.425	0.04	<0.1
F060620		3.1	4.1	<0.002	0.09	1.89	39.7	1	0.4	142.0	0.12	<0.05	0.17	0.420	0.03	<0.1
F060621		2.4	10.7	0.002	0.06	1.42	37.9	1	0.4	124.0	0.11	<0.05	0.16	0.406	0.06	<0.1
F060622		2.6	7.4	0.002	0.06	1.59	38.8	1	0.4	143.5	0.11	<0.05	0.15	0.422	0.05	<0.1
F060623		1.8	8.1	<0.002	0.06	1.06	39.0	1	0.4	109.0	0.11	<0.05	0.16	0.417	0.05	<0.1
F060624		0.8	6.2	0.002	0.04	0.55	37.7	1	0.4	68.7	0.11	<0.05	0.16	0.405	0.04	<0.1
F060625		0.7	8.3	<0.002	0.06	0.55	36.2	1	0.3	60.4	0.10	<0.05	0.17	0.370	0.05	<0.1
F060626		1.4	11.1	<0.002	0.06	0.89	36.7	1	0.4	93.9	0.10	<0.05	0.16	0.399	0.06	<0.1
F060627		1.3	9.9	<0.002	0.04	1.07	32.9	1	0.4	96.7	0.11	<0.05	0.14	0.414	0.06	<0.1
F060628		1.2	10.3	<0.002	0.06	1.12	34.1	1	0.3	100.0	0.11	<0.05	0.14	0.390	0.07	0.1
F060629		2.7	8.9	<0.002	0.08	0.70	35.2	1	0.4	87.1	0.12	<0.05	0.50	0.366	0.05	0.2
F060630		2.9	0.8	0.003	<0.01	0.06	0.2	1	<0.2	154.0	<0.05	<0.05	0.05	<0.005	0.06	0.2
F060631		0.6	16.6	0.002	0.12	0.54	33.6	1	0.3	73.8	0.10	<0.05	0.15	0.353	0.08	<0.1
F060632		1.9	4.6	<0.002	0.12	1.29	37.6	1	0.4	139.0	0.10	<0.05	0.16	0.400	0.03	<0.1
F060633		1.1	6.1	<0.002	0.08	0.69	35.7	1	0.3	95.1	0.10	<0.05	0.15	0.382	0.03	<0.1
F060634		1.2	3.2	<0.002	0.08	0.77	40.5	1	0.4	101.5	0.10	<0.05	0.18	0.427	0.02	0.1
F060635		1.5	1.6	0.002	0.12	0.92	45.4	1	0.4	107.0	0.07	<0.05	0.20	0.421	<0.02	0.1
F060636		1.2	3.0	0.002	0.10	0.68	42.0	1	0.4	101.5	0.08	<0.05	0.18	0.400	0.02	0.1
F060637		0.8	3.4	<0.002	0.06	0.67	38.9	1	0.4	111.0	0.11	<0.05	0.17	0.414	0.02	<0.1
F060638		1.2	2.9	<0.002	0.09	0.89	38.1	1	0.4	101.5	0.10	<0.05	0.16	0.393	0.02	<0.1
F060639		1.6	2.7	<0.002	0.08	1.09	36.9	1	0.4	117.5	0.10	<0.05	0.15	0.382	0.02	<0.1
F060640		2560	44.9	0.019	1.31	219	21.1	6	2.1	376	1.12	0.32	2.49	0.522	0.46	1.6



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F060601		102	0.6	8.9	80	92.1
F060602		111	0.4	10.3	99	96.8
F060603		214	0.3	16.6	105	32.5
F060604		218	0.2	14.6	108	27.6
F060605		124	0.4	27.2	81	150.0
F060606		232	0.2	15.7	87	37.3
F060607		248	0.2	16.9	91	29.9
F060608		229	0.2	16.5	91	31.0
F060609		103	0.6	10.0	85	92.9
F060610		99	11.3	11.5	3190	29.5
F060611		121	0.5	10.2	89	83.1
F060612		238	0.3	16.9	122	42.4
F060613		259	0.3	19.3	118	64.8
F060614		291	0.3	23.6	126	105.0
F060615		299	0.3	25.3	124	110.5
F060616		233	0.2	17.0	102	40.7
F060617		212	0.1	15.2	94	30.4
F060618		213	0.2	16.7	87	33.6
F060619		239	0.1	15.3	89	35.6
F060620		240	0.1	15.3	91	33.2
F060621		229	0.2	15.3	84	34.6
F060622		239	0.2	15.5	86	28.5
F060623		233	0.2	16.2	89	32.9
F060624		226	0.3	14.6	90	25.1
F060625		208	0.3	14.7	91	34.6
F060626		225	0.3	14.1	82	28.1
F060627		234	0.3	14.1	86	38.6
F060628		220	0.4	14.5	82	28.8
F060629		209	0.9	17.5	81	38.0
F060630		3	0.3	0.4	25	0.7
F060631		198	3.7	14.0	73	26.5
F060632		225	0.4	15.3	84	32.3
F060633		215	0.2	14.5	84	23.3
F060634		245	0.1	16.9	89	33.3
F060635		265	0.1	18.5	88	33.9
F060636		245	0.2	16.9	84	30.0
F060637		228	0.1	16.0	86	32.7
F060638		223	0.2	15.6	80	28.7
F060639		214	0.1	15.6	87	31.8
F060640		199	15.4	14.5	3960	29.5





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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060641		2.69	0.003	0.22	7.21	11.6	30	0.18	0.02	7.47	0.17	5.96	47.6	178	0.30	161.0
F060642		2.44	0.002	0.10	7.32	13.7	30	0.18	0.02	7.34	0.14	6.08	50.0	151	0.32	135.5
F060643		2.38	0.002	0.06	7.34	12.2	30	0.19	0.02	7.30	0.13	6.40	47.4	146	0.34	103.0
F060644		2.42	0.007	0.07	6.85	5.4	20	0.16	0.02	7.19	0.13	6.10	45.0	136	0.52	115.0
F060645		2.31	0.003	0.08	6.86	4.7	30	0.18	0.02	7.58	0.15	5.98	45.2	131	0.43	129.5
F060646		2.50	0.003	0.09	6.82	3.0	20	0.16	0.02	6.77	0.15	5.79	46.1	135	0.56	129.0
F060647		2.50	0.005	0.10	7.68	20.2	40	0.19	0.02	7.28	0.14	6.74	50.6	155	0.52	108.5
F060648		2.35	0.003	0.12	6.54	22.0	40	0.17	0.02	7.50	0.18	5.89	44.8	136	0.42	156.0
F060649		2.93	0.003	0.11	7.67	16.2	20	0.20	0.03	7.53	0.16	6.40	47.6	157	0.28	121.5
F060650		<0.02	0.002	0.09	7.53	15.6	20	0.20	0.02	6.99	0.14	6.32	48.7	164	0.26	106.5
F060651		2.35	0.002	0.11	7.38	21.1	30	0.19	0.03	7.93	0.20	6.31	47.4	135	0.30	140.0
F060652		2.57	0.003	0.10	7.86	12.6	20	0.20	0.03	7.72	0.13	6.30	47.7	161	0.27	127.0
F060653		2.46	0.002	0.09	7.19	6.9	30	0.19	0.03	8.46	0.12	5.98	44.8	145	0.35	117.5
F060654		2.64	0.002	0.12	7.71	10.5	30	0.21	0.03	7.89	0.08	6.55	50.0	167	0.31	126.0
F060655		4.28	0.003	0.11	7.47	4.7	30	0.18	0.02	7.94	0.12	6.44	47.6	151	0.37	153.0
F060656		5.45	0.003	0.11	7.31	9.6	30	0.20	0.02	8.06	0.10	6.54	47.1	157	0.37	134.0
F060657		5.23	0.003	0.10	7.85	14.9	40	0.20	0.01	7.87	0.15	6.52	49.9	168	0.32	125.5
F060658		5.07	0.004	0.13	7.24	18.5	60	0.18	0.02	7.47	0.16	5.94	51.0	146	0.44	151.0
F060659		4.45	0.002	0.11	7.39	7.8	40	0.20	0.02	7.69	0.18	6.40	45.9	148	0.33	139.5
F060660		2.82	<0.001	0.01	0.05	<0.2	250	<0.05	0.02	20.6	0.06	0.74	1.5	3	0.47	3.8
F060661		5.35	0.003	0.09	7.23	15.6	30	0.20	0.04	9.57	0.15	6.56	46.0	147	0.26	145.5
F060662		4.90	0.004	0.10	7.27	8.3	40	0.17	0.03	9.93	0.14	7.02	41.3	145	0.36	162.0
F060663		2.67	0.004	0.10	7.15	7.3	40	0.17	0.02	10.20	0.20	6.04	43.9	141	0.16	127.0



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
F060641		8.46	14.05	0.09	0.7	0.064	0.11	2.2	17.4	5.06	1395	0.15	1.53	1.6	160.0	220
F060642		7.94	13.35	0.10	0.9	0.058	0.16	2.2	17.7	4.74	1330	0.11	1.56	1.7	159.0	210
F060643		7.98	13.60	0.09	0.9	0.058	0.14	2.3	19.9	4.87	1270	0.16	1.42	1.8	162.0	220
F060644		7.42	13.00	0.09	0.7	0.059	0.08	2.2	29.0	4.59	1200	0.08	1.30	1.6	154.5	210
F060645		8.03	12.70	0.09	0.8	0.059	0.16	2.2	20.2	5.15	1240	0.07	1.15	1.6	159.5	210
F060646		7.78	12.70	0.10	0.7	0.056	0.09	2.1	31.3	5.03	1190	0.11	1.05	1.6	154.0	200
F060647		7.95	14.05	0.09	0.9	0.060	0.20	2.5	35.0	4.90	1230	0.45	1.37	1.8	167.0	230
F060648		7.21	12.50	0.08	0.6	0.059	0.19	2.2	22.7	4.45	1180	0.12	0.97	1.6	131.0	210
F060649		8.07	13.70	0.05	0.8	0.060	0.09	2.3	22.3	4.78	1350	0.47	1.26	1.8	157.0	230
F060650		8.33	14.25	0.05	0.8	0.060	0.09	2.2	22.4	4.90	1355	0.25	1.32	1.9	159.5	240
F060651		7.81	13.15	<0.05	0.7	0.051	0.13	2.3	23.8	4.68	1340	0.14	1.12	1.6	172.5	210
F060652		8.19	13.95	<0.05	0.8	0.054	0.13	2.3	21.0	4.67	1325	0.15	1.27	1.8	168.0	230
F060653		7.46	12.90	<0.05	0.8	0.053	0.16	2.2	21.6	4.27	1275	0.18	1.10	1.6	153.0	210
F060654		8.06	14.25	<0.05	0.9	0.056	0.15	2.4	21.8	4.68	1355	0.15	1.27	1.8	168.0	230
F060655		7.88	13.50	<0.05	0.9	0.055	0.19	2.4	24.1	4.63	1335	0.33	1.07	1.7	163.5	220
F060656		7.83	13.40	<0.05	0.8	0.052	0.15	2.5	23.5	4.46	1415	0.23	1.18	1.7	155.5	220
F060657		8.33	14.45	<0.05	0.9	0.053	0.21	2.4	16.4	4.88	1500	0.15	1.41	1.9	166.5	240
F060658		7.54	13.15	<0.05	1.0	0.055	0.25	2.1	29.0	4.64	1355	0.12	1.24	1.6	147.0	210
F060659		7.93	13.55	<0.05	0.9	0.053	0.20	2.3	22.2	4.87	1455	0.14	1.19	1.7	149.0	230
F060660		0.10	0.23	0.08	<0.1	0.007	0.01	0.5	7.8	13.20	400	0.16	0.02	<0.1	5.4	30
F060661		7.53	13.35	<0.05	0.9	0.056	0.14	2.4	14.0	3.55	1440	0.14	1.13	1.7	151.5	220
F060662		7.60	12.30	<0.05	0.8	0.050	0.25	2.7	20.4	3.72	1445	0.16	0.99	1.7	140.5	230
F060663		7.53	12.75	<0.05	0.8	0.052	0.13	2.2	12.3	3.38	1500	0.14	1.26	1.7	141.5	220



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F060641		5.1	2.9	0.002	0.08	1.40	38.5	1	0.4	99.4	0.10	<0.05	0.17	0.394	0.02	<0.1
F060642		2.0	4.2	<0.002	0.08	0.96	36.4	1	0.3	98.4	0.10	<0.05	0.15	0.374	0.02	<0.1
F060643		1.5	3.5	0.002	0.05	0.81	37.4	1	0.3	105.0	0.11	<0.05	0.16	0.391	0.02	<0.1
F060644		0.5	2.7	<0.002	0.05	0.30	35.8	1	0.3	66.5	0.10	<0.05	0.15	0.357	0.02	<0.1
F060645		1.4	4.4	<0.002	0.07	0.96	33.3	1	0.4	104.0	0.10	<0.05	0.14	0.359	0.03	<0.1
F060646		0.8	2.6	<0.002	0.07	0.40	34.2	1	0.3	68.4	0.10	<0.05	0.14	0.356	0.02	<0.1
F060647		1.2	5.1	<0.002	0.06	0.67	38.6	1	0.4	71.2	0.11	<0.05	0.17	0.410	0.07	<0.1
F060648		1.3	4.9	<0.002	0.05	0.81	34.2	1	0.3	85.2	0.10	<0.05	0.15	0.360	0.03	<0.1
F060649		4.3	2.0	<0.002	0.04	1.53	37.8	1	0.4	115.5	0.11	<0.05	0.17	0.423	0.02	<0.1
F060650		3.2	1.6	<0.002	0.04	1.48	37.4	1	0.4	116.5	0.12	<0.05	0.16	0.433	0.02	<0.1
F060651		2.6	3.1	<0.002	0.06	1.08	33.2	1	0.3	104.5	0.10	<0.05	0.18	0.369	0.03	<0.1
F060652		2.7	3.5	0.002	0.08	1.25	37.4	1	0.4	120.0	0.11	<0.05	0.16	0.423	0.03	<0.1
F060653		2.3	4.4	<0.002	0.05	1.05	34.7	1	0.4	105.5	0.10	<0.05	0.15	0.386	0.03	<0.1
F060654		2.8	3.2	<0.002	0.06	1.51	38.7	1	0.4	123.0	0.11	<0.05	0.16	0.415	0.04	0.1
F060655		2.7	4.2	0.002	0.05	1.23	36.2	1	0.3	114.0	0.11	<0.05	0.15	0.402	0.04	0.1
F060656		2.7	3.1	<0.002	0.07	1.22	35.1	1	0.3	113.5	0.11	<0.05	0.15	0.396	0.05	0.1
F060657		3.0	4.5	<0.002	0.06	1.40	36.4	1	0.4	132.0	0.12	<0.05	0.16	0.437	0.04	0.1
F060658		2.0	6.5	<0.002	0.05	0.58	34.8	1	0.4	72.5	0.10	<0.05	0.15	0.388	0.04	<0.1
F060659		2.4	5.1	<0.002	0.04	0.95	36.5	1	0.4	96.3	0.11	<0.05	0.17	0.411	0.04	0.1
F060660		2.2	0.8	<0.002	<0.01	0.10	0.2	1	<0.2	158.5	<0.05	<0.05	0.05	<0.005	0.07	0.3
F060661		3.3	3.7	0.002	0.09	1.41	36.2	1	0.4	121.0	0.11	<0.05	0.17	0.401	0.03	<0.1
F060662		2.4	6.3	<0.002	0.11	0.83	31.8	1	0.4	105.5	0.11	<0.05	0.23	0.385	0.04	0.1
F060663		3.3	2.8	0.002	0.10	0.99	33.8	1	0.3	118.0	0.10	<0.05	0.16	0.389	0.02	<0.1



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Project: McVicar

CERTIFICATE OF ANALYSIS TB22117508
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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F060641		230	0.1	15.7	92	36.7
F060642		213	0.1	14.9	85	27.7
F060643		216	0.1	15.3	84	40.7
F060644		205	0.3	14.8	84	26.4
F060645		206	0.1	14.6	83	29.6
F060646		201	0.3	14.3	85	24.3
F060647		227	0.5	15.2	92	39.2
F060648		205	0.4	14.0	83	20.1
F060649		235	0.3	15.3	88	30.5
F060650		244	0.3	15.5	89	28.9
F060651		208	0.3	13.9	96	29.6
F060652		234	0.3	15.3	94	33.6
F060653		215	0.3	14.0	83	28.9
F060654		238	0.3	15.3	89	31.1
F060655		230	0.3	14.8	86	31.2
F060656		223	0.4	14.6	80	31.1
F060657		245	0.3	15.5	87	31.8
F060658		220	0.5	14.4	91	28.0
F060659		229	0.2	15.5	96	27.9
F060660		3	0.8	0.4	17	0.8
F060661		221	0.2	15.6	84	33.8
F060662		217	0.3	13.3	83	29.0
F060663		217	0.2	14.4	82	31.2



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**CERTIFICATE OF ANALYSIS TB22117508**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method. ME-MS61</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21		LOG-21d	LOG-23	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21		LOG-21d												
LOG-23	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-ICP22</td> <td style="width: 33%;">ME-MS61</td> <td style="width: 33%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> </table>	Au-ICP22	ME-MS61													
Au-ICP22	ME-MS61															



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**CERTIFICATE TB22120081**

Project: McVicar

This report is for 106 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 9-MAY-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

**Signature:**   
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To: NORTHERN DOMINION METALS/CROSS RIVER  
 VENTURE  
 1430-800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

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 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22120081**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061501		2.61	0.002	<0.005	0.001	0.03	8.08	1.2	40	0.82	0.14	5.14	0.06	75.9	28.2	54
F061502		1.79	0.003	<0.005	0.001	0.04	8.27	2.5	110	0.34	0.12	7.28	0.04	16.90	38.4	46
F061503		1.37	0.002	<0.005	0.001	0.02	8.75	1.9	90	0.17	0.04	8.30	0.03	5.86	32.6	76
F061504		2.70	0.002	<0.005	0.002	0.05	7.09	1.3	30	0.36	0.09	6.02	0.04	27.4	40.4	273
F061505		2.79	0.001	<0.005	0.001	0.02	7.97	2.5	20	0.20	0.05	7.68	0.07	14.65	48.0	63
F061506		3.53	0.002	<0.005	0.003	0.08	8.87	1.8	80	0.25	0.06	3.79	0.06	9.63	51.2	140
F061507		3.26	0.002	<0.005	0.001	0.09	8.86	1.6	60	0.24	0.02	3.65	0.07	8.04	51.8	72
F061508		2.44	<0.001	<0.005	0.001	0.09	7.96	2.2	90	0.27	0.02	2.08	0.16	5.53	62.5	64
F061509		3.00	<0.001	<0.005	0.001	0.06	8.35	1.6	180	0.24	0.04	1.00	0.15	6.16	64.0	81
F061510		0.11	1.140	<0.005	0.004	72.7	6.89	50.9	250	1.30	2.74	1.98	17.55	32.4	22.5	130
F061511		1.95	0.002	<0.005	0.001	0.11	8.71	2.4	300	0.22	0.04	1.67	0.13	6.64	48.3	62
F061512		1.54	0.005	<0.005	0.001	0.07	7.99	1.0	130	0.48	0.04	2.77	0.10	27.5	35.7	62
F061513		2.39	0.001	<0.005	0.001	0.05	8.54	0.8	160	0.43	0.02	4.32	0.04	20.2	37.8	63
F061514		2.01	0.002	<0.005	0.001	0.03	8.63	2.6	50	0.14	0.03	8.48	0.04	6.72	51.9	49
F061515		2.77	0.002	<0.005	<0.001	0.03	9.78	2.9	40	0.18	0.02	9.71	0.07	5.63	35.7	34
F061516		5.22	0.001	<0.005	0.001	0.02	9.15	0.5	30	0.18	0.02	8.79	0.07	6.38	41.3	49
F061517		4.99	0.001	<0.005	0.001	0.04	8.19	2.8	90	0.17	0.04	7.03	0.09	5.09	43.4	45
F061518		4.56	0.001	<0.005	<0.001	0.04	9.43	7.2	40	0.14	0.02	8.90	0.07	6.48	42.9	43
F061519		4.55	<0.001	<0.005	0.001	0.04	9.47	2.0	50	0.14	0.02	8.76	0.08	5.52	36.2	37
F061520		1.55	0.001	<0.005	0.001	<0.01	0.10	0.4	90	0.05	0.02	21.1	0.07	0.90	1.2	2
F061521		5.26	<0.001	<0.005	0.001	0.03	8.47	1.4	40	0.16	0.02	8.30	0.08	7.09	46.9	60
F061522		4.78	<0.001	<0.005	0.001	0.05	8.51	5.5	40	0.17	0.04	8.23	0.10	8.57	46.2	52
F061523		1.59	<0.001	<0.005	<0.001	0.03	7.82	1.0	330	0.23	0.14	5.99	0.05	12.95	38.6	54
F061524		3.27	0.001	<0.005	<0.001	0.05	8.79	1.8	80	0.16	0.04	8.44	0.08	7.27	43.6	54
F061525		1.86	0.001	<0.005	0.001	0.10	8.11	1.3	70	0.18	0.06	8.08	0.14	8.36	53.9	55
F061526		3.34	0.001	<0.005	<0.001	<0.01	7.62	<0.2	290	0.94	0.12	2.70	0.04	52.6	6.0	6
F061527		2.20	<0.001	<0.005	0.001	0.03	9.17	2.9	80	0.14	0.06	8.42	0.08	5.64	36.6	42
F061528		4.66	0.002	<0.005	0.001	0.02	8.93	1.6	40	0.16	0.03	8.35	0.09	6.41	50.5	64
F061529		5.43	0.002	<0.005	0.001	0.02	8.99	6.7	30	0.13	0.02	9.35	0.07	5.81	45.1	75
F061530		<0.02	0.001	<0.005	<0.001	0.01	9.08	3.4	30	0.12	0.02	9.55	0.07	5.88	41.9	79
F061531		5.20	0.001	<0.005	<0.001	0.02	9.40	1.4	40	0.14	0.01	8.75	0.08	6.65	48.8	56
F061532		4.79	0.001	<0.005	0.001	0.03	8.47	1.8	40	0.14	0.02	8.67	0.09	6.44	51.2	69
F061533		4.78	0.001	<0.005	<0.001	0.02	9.11	3.2	40	0.13	0.01	8.34	0.08	4.58	45.3	43
F061534		5.02	0.001	<0.005	0.001	0.03	8.62	0.4	30	0.12	0.02	8.34	0.09	5.36	54.4	61
F061535		4.49	0.002	<0.005	0.001	0.05	8.82	2.4	40	0.13	0.04	8.37	0.15	5.99	44.8	83
F061536		4.87	0.002	<0.005	0.002	0.05	8.99	5.0	40	0.12	0.04	8.37	0.11	5.07	40.6	150
F061537		4.86	0.001	<0.005	0.001	0.04	7.80	2.3	50	0.15	0.02	7.90	0.09	6.34	41.2	197
F061538		4.76	0.001	<0.005	0.001	0.05	8.59	3.3	70	0.14	0.04	8.16	0.12	6.72	41.1	183
F061539		4.66	0.001	<0.005	<0.001	0.04	8.07	1.8	90	0.42	0.03	5.93	0.08	33.0	28.5	113
F061540		0.11	6.54	<0.005	0.005	86.0	7.37	440	730	0.91	0.50	4.98	22.3	43.6	26.0	75



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To: NORTHERN DOMINION METALS/CROSS RIVER  
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 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22120081**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061501		0.19	42.1	5.65	17.95	0.14	3.0	0.049	0.04	35.8	18.8	2.27	807	1.39	2.70	6.1
F061502		0.45	55.3	5.14	14.40	0.11	0.9	0.033	0.39	7.9	32.5	3.56	930	0.91	1.24	2.1
F061503		0.43	35.5	4.75	13.35	0.10	0.3	0.024	0.35	2.8	32.4	3.57	904	0.17	1.44	0.8
F061504		0.28	57.8	6.14	14.25	0.11	1.6	0.036	0.03	12.8	19.3	5.16	1090	0.43	1.74	3.7
F061505		0.28	54.3	6.48	12.95	0.11	0.7	0.034	0.04	6.9	15.6	5.15	1225	0.18	0.99	1.3
F061506		0.37	62.7	6.47	15.20	0.10	0.9	0.031	0.14	4.4	24.8	5.34	1540	0.08	1.49	1.9
F061507		0.23	50.9	6.70	14.90	0.10	0.5	0.039	0.11	3.7	21.6	5.47	1410	0.07	1.38	1.2
F061508		0.22	50.8	6.48	15.65	0.09	0.5	0.037	0.17	2.1	30.2	4.86	2830	0.07	1.89	1.0
F061509		0.59	53.1	6.79	14.85	0.10	0.6	0.029	0.82	2.7	35.7	5.16	2940	0.08	1.36	1.0
F061510		2.36	7160	5.29	16.90	0.13	1.0	0.208	2.35	15.3	14.0	2.09	768	277	1.67	8.2
F061511		1.12	42.3	5.94	12.95	0.06	0.6	0.028	1.63	2.8	27.7	4.57	3380	0.98	0.83	0.9
F061512		0.52	74.2	6.94	17.15	0.06	2.1	0.038	0.33	11.2	14.8	2.68	1410	0.32	2.51	4.9
F061513		0.59	46.8	6.65	16.90	0.12	1.6	0.030	0.59	9.0	18.4	3.25	1025	0.27	2.12	3.9
F061514		0.40	58.9	6.63	13.55	0.12	0.4	0.038	0.14	3.1	18.2	5.04	1240	0.09	0.87	0.7
F061515		0.32	41.2	4.98	15.00	0.11	0.3	0.027	0.10	2.6	13.8	3.60	1050	0.06	1.08	0.6
F061516		0.22	44.5	5.70	14.25	0.09	0.4	0.028	0.08	2.9	12.0	4.32	1145	0.09	0.95	0.7
F061517		0.37	53.4	5.67	14.20	0.08	0.4	0.030	0.38	2.3	18.4	4.04	1195	0.13	1.06	0.8
F061518		0.22	56.1	5.73	14.85	0.09	0.4	0.032	0.09	2.9	10.2	4.12	1130	0.09	0.98	0.7
F061519		0.21	42.8	5.22	14.75	0.09	0.3	0.027	0.10	2.5	11.0	3.58	1065	0.07	1.11	0.7
F061520		0.50	3.5	0.12	0.26	0.09	<0.1	<0.005	0.01	0.7	9.9	13.55	398	<0.05	0.02	0.1
F061521		0.30	54.1	6.30	13.65	0.07	0.5	0.034	0.10	3.2	10.6	4.84	1250	0.14	0.85	0.8
F061522		0.47	59.8	6.39	13.45	0.08	0.5	0.036	0.11	4.0	14.6	4.77	1265	0.12	0.89	1.0
F061523		1.43	48.4	5.58	13.30	0.08	1.0	0.029	1.66	6.1	23.6	4.00	904	0.17	0.64	2.0
F061524		0.53	54.4	6.22	13.15	0.07	0.4	0.030	0.31	3.3	16.6	4.73	1235	0.09	0.83	0.9
F061525		0.50	125.5	6.54	12.75	0.09	0.5	0.035	0.24	4.0	14.8	4.99	1280	0.22	0.86	1.0
F061526		0.63	18.0	2.75	18.00	0.12	4.7	0.036	0.57	25.1	4.9	0.46	434	1.01	3.69	8.8
F061527		0.41	44.5	5.14	14.00	0.09	0.4	0.029	0.23	2.6	11.2	3.72	1090	0.10	1.16	0.8
F061528		0.36	64.6	6.27	13.95	0.09	0.4	0.033	0.12	2.9	9.4	4.87	1290	0.07	0.94	0.7
F061529		0.25	49.6	5.58	13.50	0.10	0.4	0.029	0.09	2.6	7.4	4.59	1185	0.05	1.10	0.6
F061530		0.24	45.6	5.59	13.95	0.12	0.5	0.032	0.08	2.6	7.3	4.62	1190	0.05	1.10	0.6
F061531		0.24	60.8	6.10	14.15	0.10	0.5	0.030	0.11	3.0	8.1	4.85	1215	0.09	1.03	0.7
F061532		0.36	65.4	6.50	12.80	0.09	0.4	0.033	0.14	2.9	11.8	5.28	1265	0.07	0.83	0.7
F061533		0.26	61.3	5.49	13.55	0.08	0.3	0.026	0.09	2.1	17.2	4.40	1080	<0.05	1.19	0.5
F061534		0.31	86.7	6.61	12.70	0.10	0.4	0.033	0.08	2.4	11.4	5.40	1295	0.06	0.93	0.5
F061535		0.31	109.5	5.73	13.50	0.08	0.4	0.031	0.08	2.8	10.9	4.78	1160	0.07	0.96	0.6
F061536		0.41	79.1	5.51	13.25	0.09	0.4	0.026	0.10	2.3	13.0	4.73	1130	0.10	1.01	0.5
F061537		0.41	52.1	5.72	11.50	0.10	0.4	0.027	0.17	2.8	13.0	5.10	1175	0.11	0.93	0.7
F061538		0.78	58.5	5.57	12.65	0.09	0.4	0.030	0.17	3.2	14.4	4.95	1240	0.46	1.09	0.6
F061539		0.39	44.8	4.63	14.25	0.08	2.3	0.025	0.17	16.8	9.3	3.45	904	0.17	2.16	4.9
F061540		2.71	736	6.28	17.30	0.11	0.9	0.099	1.47	22.2	24.9	2.50	978	16.95	1.92	19.8





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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.01	0.005	
F061501		56.1	1360	5.2	0.8	0.002	0.21	0.46	17.7	1	0.8	552	0.46	<0.05	4.67	0.397
F061502		88.4	380	2.9	4.7	0.002	0.21	0.42	25.6	1	0.4	290	0.18	<0.05	1.08	0.219
F061503		74.9	120	1.4	3.8	<0.002	0.06	0.37	26.1	<1	0.2	247	0.06	<0.05	0.28	0.164
F061504		230	590	1.1	0.6	<0.002	0.12	0.18	24.8	<1	0.5	171.5	0.26	<0.05	1.86	0.375
F061505		95.3	250	1.9	0.8	<0.002	0.14	0.38	37.1	<1	0.2	280	0.09	<0.05	0.73	0.202
F061506		168.5	290	1.6	2.1	<0.002	0.02	0.19	26.9	1	0.3	199.5	0.14	<0.05	0.65	0.250
F061507		106.0	210	1.6	1.7	<0.002	0.01	0.20	35.2	1	0.3	193.0	0.08	<0.05	0.45	0.178
F061508		106.0	200	1.3	1.1	<0.002	0.01	0.15	30.2	<1	0.2	160.5	0.07	<0.05	0.26	0.165
F061509		107.0	200	1.3	16.7	<0.002	0.02	0.09	38.1	<1	0.3	96.9	0.07	<0.05	0.37	0.169
F061510		140.5	670	1565	89.2	0.113	2.44	138.0	9.1	6	4.7	374	0.53	0.43	5.48	0.242
F061511		84.6	180	2.9	36.7	<0.002	0.02	0.68	34.9	1	0.2	71.4	0.07	<0.05	0.39	0.155
F061512		74.7	790	1.3	8.9	<0.002	0.03	0.24	22.5	<1	0.6	155.0	0.35	<0.05	2.12	0.572
F061513		79.5	650	0.8	11.3	<0.002	0.07	0.16	22.7	<1	0.5	142.0	0.28	<0.05	1.53	0.504
F061514		88.6	130	0.7	4.7	<0.002	0.20	0.32	32.9	1	0.2	201	0.05	<0.05	0.40	0.175
F061515		59.6	120	1.2	0.8	<0.002	0.09	0.24	26.0	<1	<0.2	258	0.05	<0.05	0.27	0.145
F061516		69.8	130	1.0	0.9	<0.002	0.11	0.19	29.8	1	0.2	234	0.05	<0.05	0.32	0.156
F061517		72.1	140	0.9	4.0	<0.002	0.19	0.07	26.5	1	0.2	168.0	0.06	<0.05	0.28	0.193
F061518		73.1	130	1.4	1.4	<0.002	0.09	0.21	29.1	1	0.2	258	0.06	<0.05	0.29	0.164
F061519		64.3	130	1.5	0.9	<0.002	0.08	0.17	23.0	1	<0.2	253	0.05	<0.05	0.28	0.154
F061520		3.1	30	1.9	0.9	<0.002	<0.01	0.08	0.2	<1	<0.2	157.0	<0.05	<0.05	0.06	<0.005
F061521		83.1	140	1.2	2.2	<0.002	0.13	0.17	35.0	1	<0.2	205	0.06	<0.05	0.42	0.170
F061522		79.4	140	1.8	2.9	<0.002	0.13	0.31	35.4	1	0.2	213	0.08	<0.05	0.51	0.176
F061523		77.7	170	9.0	46.6	0.002	0.45	0.09	27.6	<1	0.3	55.1	0.19	0.08	1.40	0.152
F061524		82.1	140	1.8	7.3	<0.002	0.15	0.26	32.2	<1	0.2	214	0.07	<0.05	0.41	0.161
F061525		146.0	120	2.0	8.3	0.002	0.21	0.26	37.5	1	0.3	188.0	0.08	<0.05	0.66	0.166
F061526		1.7	590	3.9	20.9	<0.002	0.09	0.08	7.8	<1	1.1	176.0	0.84	<0.05	6.55	0.275
F061527		70.9	110	1.7	3.1	<0.002	0.07	0.21	25.0	1	0.2	218	0.06	<0.05	0.40	0.131
F061528		93.7	110	1.1	2.7	<0.002	0.18	0.16	37.3	1	0.2	198.0	0.05	<0.05	0.36	0.141
F061529		82.3	100	1.0	1.6	<0.002	0.13	0.21	37.3	1	<0.2	220	<0.05	<0.05	0.36	0.132
F061530		80.8	90	1.0	1.6	<0.002	0.11	0.21	38.3	<1	<0.2	225	<0.05	<0.05	0.36	0.133
F061531		83.0	110	0.9	2.0	<0.002	0.16	0.10	36.2	1	0.2	207	0.06	<0.05	0.40	0.142
F061532		93.3	110	0.9	3.4	0.002	0.16	0.11	37.0	1	0.2	178.5	0.05	<0.05	0.40	0.149
F061533		77.3	80	0.9	1.0	<0.002	0.12	0.09	28.9	1	<0.2	185.0	<0.05	<0.05	0.23	0.123
F061534		119.5	90	0.9	1.6	0.002	0.24	0.11	37.3	1	<0.2	172.0	<0.05	<0.05	0.32	0.134
F061535		102.0	100	1.4	1.6	<0.002	0.13	0.16	34.4	1	0.2	180.0	0.05	<0.05	0.35	0.121
F061536		87.1	80	1.5	2.0	<0.002	0.08	0.24	32.2	<1	<0.2	190.0	<0.05	<0.05	0.28	0.122
F061537		90.0	120	1.6	4.2	<0.002	0.08	0.20	33.6	<1	0.2	154.0	0.05	<0.05	0.33	0.129
F061538		87.7	100	2.3	4.0	<0.002	0.07	0.27	33.6	1	0.2	201	0.05	<0.05	0.32	0.121
F061539		61.7	260	3.3	6.9	<0.002	0.07	0.26	24.5	<1	0.6	187.5	0.46	<0.05	3.95	0.174
F061540		52.3	1300	2490	44.2	0.020	1.28	220	20.3	6	2.1	373	1.17	0.33	2.63	0.540



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**CERTIFICATE OF ANALYSIS TB22120081**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl ppm 0.02	U ppm 0.1	V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
F061501		<0.02	1.5	147	0.8	19.6	58	122.5
F061502		0.09	0.5	141	1.2	8.0	58	35.1
F061503		0.07	0.1	138	0.8	5.1	51	11.3
F061504		<0.02	0.6	150	0.7	11.4	77	61.8
F061505		<0.02	0.2	161	0.3	7.7	66	26.1
F061506		0.02	0.2	141	0.8	6.9	66	31.4
F061507		0.02	0.2	142	0.3	6.9	69	18.5
F061508		0.04	0.2	145	0.3	5.1	68	17.9
F061509		0.15	0.2	157	0.3	7.0	64	21.0
F061510		1.64	2.2	103	12.1	11.6	3310	29.5
F061511		0.29	0.2	137	0.4	6.1	51	20.1
F061512		0.08	0.6	180	1.8	14.1	48	83.4
F061513		0.12	0.4	171	0.9	11.5	55	67.5
F061514		0.03	0.1	140	0.3	6.6	62	11.6
F061515		0.02	0.1	116	0.3	5.4	51	13.1
F061516		0.02	0.1	129	0.2	6.1	58	12.6
F061517		0.07	0.1	160	0.8	5.2	62	13.3
F061518		0.02	0.1	140	0.2	6.3	59	13.3
F061519		0.03	0.1	127	0.2	5.0	56	11.4
F061520		0.07	0.3	3	0.2	0.4	22	0.5
F061521		0.02	0.1	141	0.2	7.2	66	16.1
F061522		0.03	0.2	140	0.4	7.7	69	18.2
F061523		0.33	0.4	105	1.5	7.6	71	36.1
F061524		0.07	0.1	132	0.4	6.6	68	12.7
F061525		0.06	0.2	142	0.5	7.4	87	20.9
F061526		0.10	1.8	24	0.8	18.6	37	192.0
F061527		0.05	0.2	104	0.3	5.1	57	13.2
F061528		0.03	0.1	124	0.1	6.9	61	14.6
F061529		<0.02	0.1	130	0.2	6.6	51	14.1
F061530		0.02	0.1	133	0.2	6.8	51	15.6
F061531		0.02	0.1	123	0.1	6.8	59	17.2
F061532		0.03	0.1	133	0.2	6.6	62	15.1
F061533		0.02	0.1	111	0.2	5.0	55	9.8
F061534		<0.02	0.1	124	0.1	6.4	63	12.8
F061535		0.02	0.1	114	0.1	6.0	57	13.4
F061536		0.02	0.1	109	0.1	5.6	55	11.6
F061537		0.03	0.1	119	0.1	6.6	59	13.5
F061538		0.04	0.1	115	0.2	5.8	60	12.4
F061539		0.04	1.1	86	0.3	11.0	48	93.7
F061540		0.50	1.6	206	16.2	14.3	4000	28.9



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061541		4.97	0.002	<0.005	0.001	0.10	8.27	2.5	40	0.17	0.02	8.25	0.09	9.89	42.0	155
F061542		2.43	0.004	<0.005	0.001	0.09	8.56	3.6	50	0.16	0.03	8.31	0.09	5.91	40.0	150
F061543		2.28	0.001	<0.005	0.001	0.05	8.67	2.9	20	0.11	0.04	8.51	0.03	5.38	35.1	181
F061544		2.71	0.001	<0.005	0.001	0.09	8.81	2.3	40	0.13	0.04	8.25	0.04	5.20	34.3	137
F061545		2.39	0.001	<0.005	0.001	0.03	8.65	1.0	260	0.18	0.02	7.67	0.04	4.86	27.7	73
F061546		2.66	0.002	<0.005	0.001	0.07	8.32	3.3	80	0.16	0.03	7.54	0.04	3.80	36.1	69
F061547		2.38	0.019	<0.005	0.005	0.12	7.64	15.1	120	0.21	0.15	6.26	0.05	5.57	37.4	62
F061548		2.41	0.186	0.011	0.031	0.40	6.95	279	120	0.34	1.12	6.25	0.09	22.1	52.3	218
F061549		2.24	0.149	<0.005	0.021	0.84	7.21	128.0	160	0.31	0.81	7.16	0.12	19.70	45.5	129
F061550		2.03	0.001	<0.005	<0.001	0.02	8.08	0.6	430	<0.05	0.02	20.3	0.14	0.71	1.1	2
F061551		2.15	0.268	<0.005	0.007	1.08	7.76	74.1	200	0.40	0.45	5.57	0.06	13.85	41.7	103
F061552		2.60	0.192	<0.005	0.002	0.35	7.06	35.9	150	0.44	0.72	6.75	0.05	16.10	44.4	115
F061553		2.36	1.515	<0.005	<0.001	7.78	3.75	60.3	160	0.34	2.04	3.52	0.27	10.70	29.3	30
F061554		1.38	4.02	<0.005	<0.001	10.60	3.13	51.1	130	0.32	3.14	2.84	1.24	5.78	26.9	20
F061555		3.45	1.025	<0.005	<0.001	2.65	6.94	57.9	250	0.61	0.95	6.13	0.93	14.50	46.3	8
F061556		2.76	0.584	<0.005	<0.001	1.80	7.03	43.8	230	0.53	0.46	5.42	0.43	17.75	42.6	28
F061557		1.14	0.157	<0.005	<0.001	1.51	3.26	48.1	140	0.32	0.55	3.37	0.24	11.00	21.1	64
F061558		3.73	0.138	0.162	0.125	1.78	6.72	519	180	0.47	0.28	7.88	0.42	4.16	63.0	5930
F061559		2.50	0.084	<0.005	0.004	0.80	6.67	112.0	260	0.59	0.25	8.34	0.45	5.11	38.1	113
F061560		<0.02	0.104	<0.005	0.004	0.82	6.72	111.0	260	0.60	0.26	8.29	0.49	5.92	38.1	107
F061561		2.38	0.183	<0.005	0.001	1.52	6.58	65.4	240	0.58	0.27	6.66	0.57	3.71	35.5	23
F061562		2.52	0.069	<0.005	0.006	1.05	7.18	45.4	230	0.50	0.07	8.33	0.42	3.74	35.3	293
F061563		2.58	0.663	<0.005	0.003	1.84	6.35	63.0	230	0.61	0.12	8.13	0.61	3.12	38.3	28
F061564		1.54	0.167	<0.005	0.001	0.79	8.05	51.4	290	0.66	0.15	6.43	0.46	3.19	29.7	41
F061565		3.35	0.007	0.005	0.007	0.25	8.20	3.8	110	0.22	0.01	6.13	0.14	3.88	37.6	118
F061566		2.47	0.007	0.014	0.006	0.42	7.15	6.2	20	0.14	0.04	8.16	0.07	2.81	58.0	30
F061567		5.16	0.005	0.014	0.004	0.26	8.33	4.3	20	0.17	0.02	8.00	0.21	3.17	52.5	37
F061568		5.10	0.005	0.023	0.016	0.12	8.20	2.9	40	0.18	0.02	8.35	0.24	3.26	43.3	49
F061569		2.38	0.004	0.005	0.005	0.05	7.79	4.7	30	0.13	0.02	8.71	0.18	3.23	47.5	114
F061570		0.11	0.535	<0.005	<0.001	0.29	7.38	4.1	880	1.01	1.30	1.88	0.07	26.4	6.0	14
F061571		2.58	0.006	0.013	0.008	0.08	7.73	10.1	40	0.21	0.01	7.80	0.13	3.20	46.0	69
F061572		5.18	0.008	0.055	0.014	0.08	8.36	2.6	20	0.14	0.02	8.32	0.15	3.16	47.6	38
F061573		5.31	0.005	0.062	0.010	0.08	8.39	0.9	30	0.13	0.02	8.30	0.12	3.19	51.0	33
F061574		2.62	0.006	0.027	0.018	0.09	8.34	0.7	50	0.13	0.03	8.02	0.13	2.92	50.5	47
F061575		2.50	0.093	0.012	0.007	0.19	7.86	6.6	40	0.18	0.10	7.79	0.16	3.34	47.9	46
F061576		5.04	0.006	<0.005	0.001	0.13	8.16	10.5	70	0.17	0.10	7.51	0.17	3.11	52.9	55
F061577		5.38	0.002	<0.005	0.001	0.09	8.31	2.2	40	0.15	0.03	7.42	0.14	2.97	51.8	51
F061578		4.91	0.001	<0.005	0.001	0.04	9.22	1.6	40	0.17	0.04	7.56	0.06	2.48	48.3	51
F061579		4.83	0.001	<0.005	<0.001	0.05	8.35	1.6	40	0.13	0.04	7.79	0.09	2.78	50.1	45
F061580		1.98	0.001	<0.005	<0.001	0.01	0.05	<0.2	430	0.05	0.01	20.3	0.07	0.82	0.8	2



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061541		0.37	65.9	5.65	12.70	0.08	0.6	0.031	0.09	4.9	19.6	5.11	1175	0.08	0.91	1.1
F061542		0.39	59.7	5.31	12.55	0.07	0.4	0.027	0.14	2.6	27.4	4.96	1090	0.12	1.17	0.7
F061543		0.42	47.2	5.32	10.85	0.07	0.4	0.024	0.05	2.6	23.1	5.05	1125	0.10	0.71	0.5
F061544		0.60	53.2	4.89	12.50	0.06	0.3	0.024	0.12	2.5	29.8	4.52	1020	<0.05	0.97	0.5
F061545		1.12	30.9	3.88	13.25	0.07	0.4	0.019	1.28	2.3	30.1	3.40	827	0.08	1.13	0.8
F061546		0.87	41.1	4.38	12.20	0.05	0.2	0.020	0.70	1.6	48.9	4.07	882	0.71	1.07	0.3
F061547		0.83	68.1	6.01	12.60	0.05	0.4	0.029	0.97	2.7	34.3	3.78	935	0.18	0.94	0.9
F061548		1.12	168.0	5.92	12.70	0.08	1.5	0.040	1.18	10.0	32.1	3.76	858	0.38	0.57	2.1
F061549		1.40	159.0	6.50	12.95	0.07	1.3	0.040	1.78	9.2	28.5	3.10	730	0.31	0.13	2.1
F061550		0.49	3.3	0.09	0.20	0.07	<0.1	<0.005	0.03	<0.5	7.7	13.40	418	0.11	0.02	0.1
F061551		1.82	93.9	6.17	14.65	0.10	0.8	0.033	2.41	6.2	21.8	3.42	1075	0.34	0.17	1.4
F061552		1.29	74.1	7.07	14.35	0.10	1.0	0.044	1.56	8.0	25.5	2.77	926	0.38	0.49	2.1
F061553		1.22	16.3	5.53	8.70	0.09	0.4	0.026	1.67	4.1	2.4	1.36	806	0.51	0.10	0.9
F061554		1.03	24.9	5.10	7.13	0.06	0.2	0.026	1.38	2.4	3.1	1.20	712	0.43	0.07	0.5
F061555		1.84	102.5	9.36	15.20	0.10	0.3	0.062	2.73	5.2	11.9	2.90	1560	0.40	0.11	1.2
F061556		1.74	231	8.73	15.50	0.11	0.4	0.062	2.29	7.4	17.9	3.09	1345	0.35	0.11	0.9
F061557		1.10	135.5	3.39	7.01	0.08	0.4	0.041	1.41	4.1	3.3	1.51	653	0.40	0.07	0.9
F061558		1.96	195.0	6.74	12.80	0.06	0.2	0.045	2.54	1.9	13.6	4.79	1240	0.18	0.10	0.2
F061559		2.09	52.1	6.22	11.95	0.08	0.3	0.048	3.01	2.1	6.1	3.68	1440	0.13	0.12	0.3
F061560		2.31	50.9	6.31	11.85	0.06	0.4	0.043	3.02	2.4	6.4	3.79	1495	0.14	0.12	0.3
F061561		2.29	168.0	6.60	13.45	0.08	0.3	0.047	3.09	1.6	4.3	2.78	1320	0.18	0.11	0.8
F061562		2.10	135.0	5.70	10.75	0.07	0.3	0.036	3.26	1.5	6.8	3.81	1355	0.12	0.12	0.2
F061563		2.03	244	6.47	14.55	0.09	0.3	0.051	2.89	1.4	5.1	3.36	1550	0.18	0.10	0.5
F061564		2.60	125.0	6.26	15.85	0.09	0.3	0.043	3.75	1.6	4.2	2.58	1320	0.10	0.12	0.3
F061565		1.20	52.1	7.37	14.65	0.08	0.1	0.038	1.31	1.8	24.2	3.38	1075	0.08	1.50	0.3
F061566		0.63	181.0	9.53	13.75	0.06	0.5	0.044	0.10	1.1	20.6	3.67	1470	0.07	1.15	0.4
F061567		0.37	99.8	8.25	13.70	0.06	0.2	0.038	0.06	1.3	12.3	4.58	1585	0.05	1.00	0.1
F061568		0.58	67.2	7.67	11.80	0.07	0.2	0.038	0.17	1.3	16.1	4.47	1470	0.05	1.28	0.1
F061569		0.77	50.7	7.55	10.75	0.06	0.3	0.037	0.15	1.3	17.3	4.98	1470	<0.05	0.96	0.1
F061570		0.54	44.0	2.36	13.70	0.09	2.0	0.031	1.79	12.8	3.3	0.53	688	2.48	3.41	6.3
F061571		0.67	62.8	6.83	11.25	0.06	0.2	0.034	0.22	1.3	18.4	4.42	1345	<0.05	1.22	0.1
F061572		0.49	67.1	7.22	12.60	0.08	0.3	0.040	0.08	1.3	8.0	4.63	1470	0.06	1.28	0.1
F061573		1.70	81.1	8.06	13.20	0.07	0.3	0.037	0.14	1.3	7.0	4.52	1575	<0.05	1.19	0.1
F061574		4.79	93.9	8.67	13.95	0.06	0.3	0.046	0.30	1.2	7.2	3.94	1570	0.06	1.27	0.2
F061575		2.43	80.7	8.18	13.30	0.05	0.2	0.042	0.21	1.3	14.9	4.07	1460	0.06	1.49	0.2
F061576		3.75	107.0	8.45	13.85	0.07	0.2	0.042	0.46	1.3	15.0	3.95	1475	<0.05	1.37	0.3
F061577		1.45	85.6	9.01	16.95	0.06	0.3	0.053	0.16	1.3	10.3	3.99	1485	0.14	1.56	0.4
F061578		0.71	31.5	9.15	18.85	0.08	0.3	0.044	0.12	1.1	10.9	3.59	1370	0.08	1.76	0.3
F061579		1.30	79.2	9.54	16.60	0.06	0.3	0.046	0.16	1.2	11.1	3.97	1450	0.06	1.55	0.3
F061580		0.55	2.9	0.09	0.17	0.06	<0.1	<0.005	0.02	0.6	8.4	13.35	393	0.11	0.02	<0.1



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**CERTIFICATE OF ANALYSIS TB22120081**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061541		95.5	130	2.8	2.5	<0.002	0.06	0.39	34.4	1	0.2	191.0	0.10	<0.05	0.74	0.135
F061542		92.9	90	2.0	2.5	<0.002	0.05	0.31	30.9	<1	0.2	187.0	0.07	<0.05	0.48	0.120
F061543		79.6	90	1.5	1.0	<0.002	0.09	0.41	28.7	<1	<0.2	201	<0.05	<0.05	0.25	0.116
F061544		78.9	80	2.0	1.1	<0.002	0.05	0.48	27.2	1	0.2	229	<0.05	<0.05	0.24	0.107
F061545		58.5	90	1.9	23.1	<0.002	0.05	0.28	19.7	1	0.2	182.5	0.10	<0.05	0.51	0.086
F061546		78.5	70	3.5	11.5	<0.002	0.12	0.65	24.2	<1	<0.2	197.0	<0.05	<0.05	0.17	0.079
F061547		66.5	70	1.8	17.2	<0.002	0.56	0.28	25.1	<1	0.2	138.0	0.09	<0.05	0.89	0.228
F061548		352	400	8.2	46.5	0.002	1.80	0.84	21.4	1	0.4	123.5	0.16	0.11	1.23	0.231
F061549		169.0	260	5.6	68.5	<0.002	2.36	0.60	21.0	1	0.4	59.4	0.19	0.38	1.64	0.287
F061550		5.3	40	2.8	1.1	<0.002	0.01	0.13	0.2	<1	<0.2	161.0	<0.05	<0.05	0.06	<0.005
F061551		96.2	140	3.2	94.3	<0.002	1.95	0.44	23.5	1	0.4	67.7	0.15	0.40	1.36	0.304
F061552		78.8	260	1.9	60.0	0.002	1.49	0.52	24.6	1	0.5	75.8	0.24	0.19	1.74	0.429
F061553		29.0	420	4.4	67.7	<0.002	4.37	0.47	16.4	1	0.2	49.5	0.06	4.93	0.35	0.195
F061554		17.7	380	4.6	54.3	<0.002	3.58	0.44	15.3	1	0.2	42.0	<0.05	6.11	0.11	0.166
F061555		23.6	780	3.6	96.7	<0.002	3.98	0.68	36.8	1	0.2	93.0	0.07	0.42	0.08	0.446
F061556		43.2	980	2.4	94.2	<0.002	1.41	0.58	35.9	<1	0.2	85.3	0.05	0.12	0.10	0.374
F061557		46.4	370	3.2	56.3	<0.002	1.33	0.46	14.5	1	0.2	53.8	0.05	0.59	0.17	0.196
F061558		618	170	2.8	103.0	0.003	1.18	1.15	21.9	1	0.2	140.0	<0.05	0.28	0.09	0.151
F061559		82.7	200	2.9	121.0	<0.002	1.52	0.54	33.8	<1	<0.2	134.5	<0.05	0.12	0.03	0.259
F061560		77.7	190	3.2	120.0	<0.002	1.48	0.55	35.7	<1	<0.2	138.5	<0.05	0.09	0.02	0.263
F061561		28.0	30	4.0	122.5	0.002	2.88	0.45	30.5	1	0.2	106.0	<0.05	0.17	0.02	0.669
F061562		87.9	50	2.4	116.5	<0.002	0.45	0.26	29.6	<1	<0.2	107.5	<0.05	<0.05	0.02	0.268
F061563		33.7	10	3.8	115.5	<0.002	1.33	0.30	34.5	1	0.2	119.0	<0.05	0.06	0.01	0.569
F061564		31.4	20	3.7	149.0	<0.002	2.04	0.29	30.1	1	0.2	99.1	<0.05	0.06	0.01	0.399
F061565		87.5	40	2.2	36.3	<0.002	0.11	0.21	29.2	<1	<0.2	122.5	<0.05	<0.05	0.01	0.435
F061566		76.7	20	2.6	4.6	<0.002	0.17	0.32	48.8	1	0.2	133.5	<0.05	0.06	0.01	0.564
F061567		67.5	30	5.4	1.5	<0.002	0.08	0.29	47.9	<1	<0.2	206	<0.05	<0.05	0.01	0.267
F061568		61.6	30	5.0	5.9	<0.002	0.06	0.12	47.4	1	<0.2	151.5	<0.05	<0.05	0.01	0.246
F061569		78.9	20	3.2	7.0	<0.002	0.07	0.13	50.9	<1	<0.2	150.5	<0.05	<0.05	0.01	0.226
F061570		10.1	490	9.9	36.1	<0.002	0.04	0.76	7.1	<1	1.0	208	0.44	0.27	2.86	0.214
F061571		70.5	30	2.5	9.5	<0.002	0.08	0.07	46.0	1	<0.2	103.5	<0.05	<0.05	0.02	0.188
F061572		70.9	20	2.4	1.9	<0.002	0.04	0.10	52.2	<1	<0.2	163.5	<0.05	<0.05	0.05	0.165
F061573		64.8	20	2.0	7.0	<0.002	0.08	0.07	52.7	1	<0.2	159.5	<0.05	<0.05	0.02	0.253
F061574		63.8	20	1.3	18.7	<0.002	0.11	0.09	49.8	1	<0.2	179.0	<0.05	<0.05	0.02	0.431
F061575		57.4	20	1.7	11.7	<0.002	0.11	0.13	46.0	1	0.2	130.5	<0.05	0.05	0.02	0.324
F061576		65.3	20	2.2	21.7	<0.002	0.19	0.26	46.0	1	<0.2	160.5	<0.05	<0.05	0.01	0.449
F061577		60.2	40	1.4	5.0	0.002	0.13	0.13	41.7	1	<0.2	184.5	<0.05	<0.05	0.03	0.616
F061578		43.6	30	1.2	1.6	<0.002	0.06	0.22	36.8	<1	<0.2	214	<0.05	<0.05	0.02	0.682
F061579		51.2	20	0.9	4.9	<0.002	0.06	0.16	44.4	1	0.2	179.0	<0.05	<0.05	0.02	0.558
F061580		1.3	40	5.9	0.8	<0.002	0.01	0.12	0.2	1	<0.2	157.5	<0.05	<0.05	0.06	<0.005



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**CERTIFICATE OF ANALYSIS TB22120081**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061541		0.02	0.3	115	0.2	6.6	63	22.8
F061542		0.03	0.3	110	0.4	5.5	57	12.1
F061543		<0.02	0.1	110	0.3	4.9	56	10.8
F061544		0.02	0.1	101	0.2	4.7	50	10.2
F061545		0.28	0.2	79	0.5	3.7	44	14.6
F061546		0.17	0.1	89	0.3	3.7	49	7.6
F061547		0.20	0.3	183	2.1	2.4	54	16.2
F061548		0.29	0.4	132	3.9	5.1	48	58.6
F061549		0.36	0.5	230	8.4	4.7	53	51.5
F061550		0.07	0.3	3	0.6	0.4	35	0.8
F061551		0.42	0.6	288	9.2	3.6	38	31.6
F061552		0.27	0.7	332	17.3	3.9	60	37.0
F061553		0.28	0.1	117	18.1	2.9	13	15.3
F061554		0.21	0.1	112	14.8	2.2	30	5.4
F061555		0.42	0.1	293	46.0	4.4	63	7.5
F061556		0.37	0.1	218	40.0	4.9	78	12.9
F061557		0.23	0.2	91	13.4	2.7	14	16.0
F061558		0.40	0.1	177	10.2	2.7	406	5.7
F061559		0.47	<0.1	164	30.5	3.3	22	6.5
F061560		0.55	<0.1	166	28.0	3.8	23	7.3
F061561		0.51	0.1	221	98.3	2.8	21	7.7
F061562		0.55	<0.1	178	22.7	2.9	53	8.2
F061563		0.51	<0.1	296	106.0	3.1	30	8.3
F061564		0.66	<0.1	193	62.3	2.8	25	8.5
F061565		0.24	<0.1	207	7.0	3.1	81	3.0
F061566		0.03	<0.1	570	0.9	6.7	92	3.0
F061567		<0.02	<0.1	229	0.2	7.0	83	6.3
F061568		0.03	<0.1	210	0.4	7.0	81	7.8
F061569		0.04	<0.1	207	0.4	7.4	75	6.2
F061570		0.18	1.3	39	18.2	17.9	48	62.8
F061571		0.05	<0.1	174	1.4	6.8	73	7.1
F061572		0.02	<0.1	172	0.1	7.4	74	6.8
F061573		0.07	<0.1	218	0.1	7.6	77	7.2
F061574		0.17	<0.1	350	0.1	7.0	78	8.6
F061575		0.09	<0.1	283	4.4	7.0	79	6.9
F061576		0.13	<0.1	373	6.7	6.6	78	6.7
F061577		0.05	<0.1	422	0.2	6.6	85	9.1
F061578		0.02	<0.1	521	0.2	5.8	77	6.9
F061579		0.03	<0.1	550	0.3	6.8	78	7.3
F061580		0.09	0.4	4	0.2	0.4	21	<0.5



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**CERTIFICATE OF ANALYSIS TB22120081**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
F061581		4.90	0.006	<0.005	<0.001	0.11	8.12	3.5	70	0.19	0.06	7.49	0.10	3.15	55.1	38
F061582		5.36	0.005	<0.005	0.005	0.21	8.61	3.2	130	0.29	0.11	7.50	0.16	11.35	47.8	256
F061583		5.30	0.005	0.006	0.003	0.14	8.11	2.5	80	0.23	0.07	7.77	0.12	4.76	47.4	50
F061584		2.36	0.009	<0.005	0.002	0.19	7.38	3.5	60	0.24	0.19	7.02	0.07	4.02	51.9	37
F061585		2.01	0.006	<0.005	<0.001	0.77	6.51	19.0	80	0.25	0.05	7.11	0.15	4.20	45.1	17
F061586		1.26	0.002	<0.005	<0.001	0.17	3.49	20.5	60	0.13	0.10	20.6	0.05	30.6	22.5	6
F061587		1.84	0.002	<0.005	<0.001	0.09	6.47	2.7	30	0.21	0.10	6.43	0.03	3.38	43.9	6
F061588		2.60	0.008	<0.005	<0.001	0.42	6.52	1.0	20	0.24	0.11	7.15	0.12	3.56	48.6	6
F061589		2.18	0.005	<0.005	<0.001	0.29	6.45	3.0	20	0.21	0.18	6.72	0.13	2.66	50.9	5
F061590		<0.02	0.005	<0.005	<0.001	0.26	6.49	2.3	20	0.19	0.15	6.52	0.12	2.43	48.4	5
F061591		2.33	0.010	<0.005	0.001	0.55	6.89	6.1	50	0.21	0.29	7.56	0.14	9.57	46.5	31
F061592		5.29	0.003	0.010	0.010	0.08	7.68	2.6	50	0.14	0.06	8.28	0.06	4.12	49.7	226
F061593		3.98	0.006	0.008	0.008	0.27	7.89	6.3	50	0.13	0.11	8.09	0.10	2.74	55.6	186
F061594		1.28	0.003	<0.005	0.001	0.11	9.81	1.9	80	0.16	0.04	8.89	0.11	2.64	29.6	299
F061595		2.37	0.001	<0.005	0.001	0.04	10.00	1.4	60	0.16	0.02	8.88	0.07	2.22	26.7	245
F061596		3.23	0.001	<0.005	0.001	0.04	10.10	1.7	50	0.09	0.02	9.53	0.07	2.17	33.4	255
F061597		2.11	0.002	<0.005	0.004	0.06	7.92	1.7	40	0.18	0.02	7.98	0.07	3.44	54.9	125
F061598		3.53	0.003	<0.005	0.001	0.15	8.74	1.5	40	0.18	0.05	7.14	0.10	2.18	47.7	69
F061599		2.83	0.014	0.030	0.020	0.03	7.89	0.5	20	0.11	<0.01	8.67	0.09	2.59	47.2	197
F061600		0.11	1.210	<0.005	0.004	68.1	6.73	50.8	270	1.17	2.56	2.02	16.95	33.8	23.4	120
F061601		5.44	0.003	0.019	0.022	0.05	8.34	0.4	20	0.13	<0.01	8.44	0.09	3.11	44.9	221
F061602		2.64	0.001	<0.005	0.008	0.02	8.42	0.7	20	0.10	<0.01	8.51	0.08	3.20	47.2	234
F061603		2.36	0.001	<0.005	0.009	0.04	6.09	1.9	20	0.12	0.02	7.12	0.08	2.83	66.2	301
F061604		2.71	0.001	<0.005	0.009	0.03	8.37	0.5	20	0.11	0.01	8.55	0.09	3.07	44.7	295
F061605		4.89	0.001	<0.005	0.008	0.03	8.25	0.5	20	0.10	0.02	8.52	0.07	2.65	44.6	296
F061606		5.29	0.001	<0.005	0.007	0.02	8.51	0.4	20	0.10	0.02	8.26	0.08	2.46	44.6	348



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061581		2.43	103.0	9.42	16.15	0.05	0.3	0.044	0.31	1.4	14.3	4.12	1455	0.07	1.41	0.3
F061582		1.19	228	7.26	15.55	<0.05	0.6	0.046	0.44	4.8	16.6	3.71	1170	0.24	1.99	1.1
F061583		1.02	115.5	7.68	15.45	<0.05	0.5	0.048	0.27	2.1	16.6	4.09	1410	0.05	1.66	0.5
F061584		1.88	140.0	8.78	17.50	<0.05	0.5	0.059	0.31	1.9	20.5	4.13	1430	<0.05	1.65	0.5
F061585		0.83	538	7.54	15.95	<0.05	0.5	0.056	0.55	2.1	31.1	3.34	1235	<0.05	1.50	0.9
F061586		0.54	63.7	4.19	8.18	<0.05	0.4	0.116	0.36	16.3	12.5	1.73	1895	0.05	0.80	1.0
F061587		1.26	77.3	10.00	18.85	0.05	0.6	0.052	0.10	1.5	21.2	3.37	1380	0.07	1.59	1.3
F061588		1.29	329	9.65	19.05	<0.05	0.5	0.069	0.09	1.7	20.7	3.31	1510	<0.05	1.84	0.9
F061589		1.27	183.5	9.78	18.95	<0.05	0.3	0.052	0.10	1.2	21.3	3.55	1395	<0.05	1.55	0.9
F061590		1.21	187.5	9.81	17.55	<0.05	0.3	0.052	0.10	1.1	20.2	3.57	1400	<0.05	1.55	0.8
F061591		1.94	355	8.31	14.45	<0.05	0.3	0.051	0.31	5.0	24.0	3.77	1260	<0.05	1.32	0.4
F061592		0.68	69.8	8.25	12.70	<0.05	0.3	0.044	0.16	1.9	13.0	4.61	1330	<0.05	1.29	0.2
F061593		1.46	233	8.64	12.05	<0.05	0.2	0.037	0.26	1.2	16.6	4.57	1390	<0.05	1.14	0.1
F061594		0.28	83.8	4.70	16.45	<0.05	0.2	0.027	0.16	1.2	16.9	2.13	749	<0.05	1.65	0.4
F061595		0.17	26.2	4.43	15.95	0.06	0.2	0.025	0.09	1.0	15.0	2.07	704	<0.05	1.72	0.5
F061596		0.19	47.6	5.43	16.30	0.07	0.2	0.026	0.07	0.9	11.8	2.40	876	0.07	1.30	0.3
F061597		0.63	97.3	9.05	15.50	<0.05	0.3	0.041	0.10	1.6	13.2	4.05	1435	<0.05	1.34	0.4
F061598		0.20	137.5	8.24	16.80	<0.05	0.1	0.033	0.07	1.2	10.5	2.84	1380	0.05	2.04	0.2
F061599		0.33	71.7	6.81	11.65	<0.05	0.2	0.035	0.04	1.1	5.8	5.10	1360	<0.05	1.01	0.1
F061600		2.14	7070	5.17	15.90	0.08	0.9	0.215	2.30	16.3	13.5	2.03	746	264	1.64	7.3
F061601		0.37	58.4	6.62	11.60	0.05	0.2	0.034	0.05	1.3	7.0	5.22	1305	0.25	1.04	0.1
F061602		0.32	31.4	6.65	12.15	0.05	0.2	0.034	0.04	1.4	5.6	5.25	1315	0.09	1.05	0.1
F061603		0.67	81.5	10.35	10.80	0.08	0.3	0.036	0.05	1.2	9.6	6.58	1430	0.06	0.76	0.5
F061604		0.30	37.6	6.34	12.00	0.07	0.2	0.030	0.05	1.3	5.7	5.42	1230	0.05	1.03	0.1
F061605		0.31	28.7	6.36	11.45	0.08	0.2	0.032	0.04	1.1	5.8	5.67	1270	0.06	0.97	0.1
F061606		0.34	24.8	6.38	11.30	0.09	0.2	0.028	0.05	1.1	5.2	5.75	1265	0.05	0.92	0.1





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 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22120081**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061581		65.1	20	1.2	12.0	<0.002	0.12	0.23	45.2	1	0.2	178.0	<0.05	<0.05	0.01	0.540
F061582		91.9	160	1.6	16.9	<0.002	0.16	0.40	37.1	1	0.4	245	0.08	<0.05	0.40	0.464
F061583		71.6	60	1.2	9.8	<0.002	0.09	0.31	42.3	<1	0.3	204	<0.05	<0.05	0.05	0.644
F061584		48.5	40	0.7	15.3	0.002	0.19	0.39	44.2	1	0.4	156.5	<0.05	<0.05	0.02	0.693
F061585		44.2	50	0.5	21.5	<0.002	0.09	0.22	36.1	1	0.6	83.7	0.06	<0.05	0.02	0.831
F061586		21.5	90	0.7	12.7	0.002	0.17	0.20	25.2	1	0.4	154.0	0.08	<0.05	0.04	0.515
F061587		28.8	70	<0.5	5.7	0.003	0.18	0.31	36.8	1	0.3	75.5	0.10	<0.05	0.05	1.090
F061588		36.7	50	<0.5	5.6	0.002	0.19	0.17	38.0	1	0.3	79.6	0.06	<0.05	0.01	1.105
F061589		30.8	50	1.2	6.3	0.003	0.31	0.17	37.7	1	0.3	76.6	0.07	<0.05	0.01	1.040
F061590		29.7	50	1.3	5.9	0.003	0.31	0.17	34.1	1	0.3	72.1	0.06	<0.05	0.01	1.050
F061591		51.9	40	1.4	17.5	<0.002	0.16	0.18	42.2	1	0.4	92.9	<0.05	0.12	0.04	0.637
F061592		123.5	30	0.6	5.5	<0.002	0.05	0.32	47.2	1	0.3	169.0	<0.05	<0.05	0.03	0.345
F061593		124.0	20	0.6	12.3	<0.002	0.16	0.25	47.8	1	0.2	136.0	<0.05	<0.05	0.01	0.284
F061594		67.9	80	1.6	0.7	<0.002	0.03	0.29	18.8	<1	0.3	190.5	<0.05	<0.05	0.07	0.209
F061595		62.1	60	1.2	0.3	<0.002	0.02	0.35	18.0	<1	0.3	173.0	<0.05	<0.05	0.08	0.237
F061596		69.8	40	0.8	0.4	<0.002	0.06	0.20	24.1	1	<0.2	167.0	<0.05	<0.05	0.03	0.304
F061597		79.6	30	0.6	3.2	<0.002	0.06	0.22	52.9	1	0.2	161.5	<0.05	<0.05	0.08	0.412
F061598		67.9	30	1.0	0.4	<0.002	0.06	0.24	33.0	<1	<0.2	231	<0.05	<0.05	0.01	0.380
F061599		106.5	30	<0.5	0.6	<0.002	0.06	<0.05	32.0	<1	<0.2	145.0	<0.05	<0.05	0.02	0.184
F061600		147.0	640	1510	91.1	0.124	2.40	132.5	8.4	6	4.2	357	0.46	0.44	5.46	0.237
F061601		100.0	40	1.0	0.8	<0.002	0.05	0.10	39.4	1	<0.2	143.5	<0.05	<0.05	0.04	0.174
F061602		101.5	50	<0.5	0.7	<0.002	0.04	<0.05	36.8	1	<0.2	150.0	<0.05	<0.05	0.04	0.172
F061603		140.5	60	0.6	1.5	0.002	0.16	0.23	37.0	1	<0.2	95.6	<0.05	<0.05	0.07	0.520
F061604		109.0	30	0.7	0.7	<0.002	0.04	0.07	30.0	1	<0.2	135.5	<0.05	<0.05	0.04	0.158
F061605		111.5	20	0.7	0.7	<0.002	0.04	0.12	29.0	<1	<0.2	126.0	<0.05	<0.05	0.02	0.151
F061606		112.5	30	0.7	0.9	<0.002	0.04	0.09	31.0	<1	<0.2	124.0	<0.05	<0.05	0.02	0.155



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22120081**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl ppm 0.02	U ppm 0.1	V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
F061581		0.09	<0.1	525	1.2	6.6	77	8.5
F061582		0.12	0.1	387	1.5	7.7	78	24.4
F061583		0.07	0.1	265	1.7	9.3	71	15.2
F061584		0.10	<0.1	322	1.6	10.8	71	11.8
F061585		0.09	0.1	407	8.5	4.8	58	16.6
F061586		0.05	0.1	214	3.2	14.0	26	11.0
F061587		0.09	<0.1	471	1.1	6.6	69	14.4
F061588		0.05	<0.1	462	1.0	8.1	69	11.0
F061589		0.05	<0.1	415	2.5	10.2	74	8.8
F061590		0.05	<0.1	422	2.2	9.0	75	10.0
F061591		0.11	0.1	469	2.2	8.9	69	9.2
F061592		0.03	0.1	333	0.5	7.3	59	8.3
F061593		0.08	<0.1	299	0.8	5.9	68	7.3
F061594		0.04	0.1	197	0.6	3.1	45	7.5
F061595		0.02	<0.1	215	0.7	2.9	37	6.2
F061596		0.02	<0.1	302	0.3	3.3	42	5.7
F061597		0.05	0.1	457	1.9	6.1	59	9.3
F061598		<0.02	<0.1	443	0.3	3.4	56	3.9
F061599		<0.02	<0.1	168	<0.1	5.3	65	5.4
F061600		1.54	2.2	101	12.8	12.1	3180	30.2
F061601		<0.02	<0.1	149	<0.1	5.1	68	6.3
F061602		<0.02	<0.1	145	<0.1	5.2	67	6.8
F061603		<0.02	<0.1	401	0.1	5.4	102	8.4
F061604		<0.02	<0.1	146	0.1	5.4	64	6.7
F061605		<0.02	<0.1	142	0.1	5.0	62	5.9
F061606		<0.02	<0.1	138	0.1	4.7	63	5.9



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**CERTIFICATE OF ANALYSIS TB22120081**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method.            ME-MS61</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21		LOG-21d	LOG-23	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21		LOG-21d												
LOG-23	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS61 PGM-ICP24</p>															



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**CERTIFICATE TB22122346**

Project: McVicar

This report is for 399 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 10-MAY-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	

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

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060102		1.94	0.017	0.13	7.24	9.2	70	0.21	0.16	7.53	0.04	8.24	44.0	218	0.43	56.4
F060103		2.51	0.025	0.05	7.54	4.1	40	0.20	0.15	8.28	0.06	6.25	48.1	241	0.20	65.9
F060104		2.58	0.012	0.05	7.56	9.1	40	0.19	0.15	8.68	0.06	5.75	46.7	223	0.30	85.6
F060105		2.52	0.056	0.03	7.44	8.3	50	0.19	0.16	9.16	0.04	5.86	44.8	215	0.32	43.4
F060106		2.51	0.019	0.04	7.49	9.8	30	0.17	0.15	9.22	0.05	6.03	51.0	233	0.19	53.6
F060107		2.70	0.053	0.04	8.02	9.4	40	0.19	0.38	9.31	0.08	5.94	48.0	249	0.33	68.0
F060108		2.45	0.155	0.05	7.66	11.6	60	0.16	0.78	7.80	0.04	5.41	47.2	231	0.62	49.4
F060109		2.46	0.968	0.10	7.61	12.6	60	0.18	5.57	8.14	0.05	5.97	49.1	234	0.56	74.9
F060110		0.11	1.055	74.7	6.90	52.8	230	1.21	3.04	2.04	18.20	32.3	22.2	134	2.25	7540
F060111		2.58	0.066	0.09	7.21	9.8	50	0.18	0.20	7.24	0.08	6.12	50.7	231	0.38	110.5
F060112		2.52	0.201	0.07	7.02	9.0	50	0.16	0.12	7.84	0.06	6.20	48.8	228	0.35	117.0
F060113		2.70	0.012	0.08	7.54	12.0	40	0.20	0.12	8.09	0.06	6.18	48.3	233	0.35	131.5
F060114		2.20	0.134	0.06	6.44	9.5	30	0.16	0.60	6.75	0.05	5.11	43.3	211	0.22	118.5
F060115		2.50	0.121	0.10	7.53	5.9	30	0.15	0.30	8.33	0.10	5.97	50.7	225	0.21	179.0
F060116		2.79	0.041	0.02	7.56	8.4	30	0.16	0.26	9.06	0.05	5.88	48.0	230	0.21	69.5
F060117		2.58	0.079	0.03	7.46	13.1	70	0.19	0.19	8.28	0.04	7.42	46.6	213	0.46	43.6
F060118		2.51	0.038	0.09	7.58	11.4	80	0.18	0.16	7.74	0.08	5.83	46.1	233	0.66	183.0
F060119		2.42	0.026	0.05	6.70	11.8	60	0.20	0.15	9.35	0.05	5.73	44.6	188	0.55	84.7
F060120		<0.02	0.024	0.05	6.57	10.7	60	0.19	0.15	9.04	0.05	5.25	42.3	184	0.53	99.6
F060121		2.84	0.029	0.02	7.10	11.1	50	0.25	0.19	7.86	0.04	5.42	43.2	143	0.36	30.1
F060122		2.62	0.020	0.05	7.21	5.4	30	0.16	0.12	7.81	0.05	6.16	45.0	150	0.31	82.3
F060123		2.58	0.021	0.04	6.99	4.8	30	0.18	0.08	7.80	0.05	6.34	48.0	149	0.29	98.1
F060124		2.28	0.010	0.08	7.41	5.7	40	0.21	0.09	7.66	0.18	6.42	49.0	152	0.43	132.0
F060125		2.53	0.027	0.04	7.32	11.0	90	0.34	0.18	6.92	0.07	10.05	48.9	163	0.83	84.2
F060126		2.49	0.030	0.02	7.33	6.6	70	0.23	0.21	7.36	0.03	5.96	50.5	168	0.89	38.1
F060127		3.00	0.047	<0.01	7.19	6.0	70	0.22	0.18	8.03	0.02	5.75	48.5	170	0.69	11.5
F060128		1.65	0.011	0.02	5.34	6.3	30	0.13	0.12	14.15	0.10	3.78	36.4	112	0.40	46.3
F060129		3.04	0.013	0.04	7.22	9.0	50	0.21	0.13	6.65	0.03	5.33	54.1	204	0.56	42.8
F060130		1.77	<0.001	0.01	0.05	0.7	200	0.05	0.02	19.75	0.05	0.56	1.2	2	0.42	3.4
F060131		2.76	0.016	0.03	7.54	11.2	40	0.18	0.14	7.69	0.03	5.02	48.5	173	0.58	56.7
F060132		3.30	0.023	0.07	7.16	8.6	40	0.33	0.19	7.88	0.05	11.35	41.9	150	0.61	168.5
F060133		1.33	3.23	5.07	7.92	24.3	20	0.24	13.65	9.51	0.96	5.45	131.5	208	0.38	>10000
F060134		1.83	0.020	0.13	6.64	9.9	190	0.16	0.20	6.34	0.08	4.89	54.2	178	1.34	374
F060135		2.05	0.012	0.05	7.35	4.4	50	0.16	0.15	6.96	0.04	5.10	48.5	192	0.78	124.0
F060136		1.75	0.034	0.06	7.14	3.4	90	0.17	0.41	8.27	0.06	5.19	46.5	183	0.98	157.0
F060137		3.10	0.062	0.07	7.07	1.7	70	0.16	0.49	8.23	0.07	4.92	42.9	188	0.55	193.5
F060138		1.69	0.109	0.25	7.29	8.7	60	0.15	0.61	7.70	0.14	5.45	57.0	187	0.62	652
F060139		2.62	0.970	0.26	7.04	22.3	40	0.15	4.98	8.15	0.13	5.00	56.9	179	0.41	658
F060140		0.11	0.494	0.36	7.17	3.9	870	1.06	1.26	1.87	0.07	27.0	6.0	15	0.51	44.0
F060141		3.24	0.040	0.24	7.45	9.1	50	0.17	0.37	8.00	0.13	5.33	57.5	188	0.47	765



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060102		7.59	12.85	<0.05	0.8	0.045	0.24	3.3	24.1	4.30	1245	0.13	1.52	1.6	142.5	230
F060103		8.11	13.20	<0.05	0.8	0.054	0.12	2.2	15.4	4.46	1345	0.13	1.45	1.5	168.0	220
F060104		7.97	12.95	<0.05	0.7	0.053	0.15	2.0	24.0	4.39	1320	0.17	1.32	1.5	159.5	210
F060105		7.81	12.45	<0.05	0.7	0.042	0.17	2.2	20.1	4.02	1405	0.26	1.41	1.4	144.5	220
F060106		8.49	13.65	<0.05	0.7	0.059	0.10	2.2	14.9	4.08	1480	0.13	1.23	1.4	163.0	220
F060107		8.12	14.25	<0.05	0.9	0.051	0.15	2.1	17.9	3.85	1380	0.12	1.08	1.5	164.5	220
F060108		7.75	13.70	<0.05	0.8	0.049	0.27	1.9	28.7	4.15	1240	0.20	1.40	1.4	172.5	210
F060109		7.91	13.60	<0.05	1.0	0.052	0.26	2.2	25.4	4.04	1280	0.14	1.38	1.4	173.5	210
F060110		5.37	16.25	0.08	0.9	0.218	2.39	15.3	14.0	2.13	784	275	1.71	8.0	150.0	670
F060111		7.91	13.40	<0.05	0.8	0.057	0.22	2.2	26.2	4.86	1295	0.30	1.54	1.5	175.0	210
F060112		7.75	13.80	<0.05	0.8	0.050	0.26	2.2	24.7	4.83	1315	0.17	1.36	1.5	179.0	210
F060113		7.97	14.10	<0.05	0.8	0.053	0.19	2.2	22.4	5.08	1325	0.13	1.38	1.4	178.0	220
F060114		7.20	11.35	<0.05	0.7	0.049	0.10	1.8	18.5	4.04	1160	0.10	1.33	1.2	152.0	190
F060115		8.36	13.60	<0.05	0.8	0.057	0.10	2.1	19.6	4.21	1335	0.10	1.54	1.4	182.0	210
F060116		8.60	14.55	<0.05	0.7	0.067	0.10	2.1	17.6	4.31	1405	0.10	1.14	1.4	179.5	210
F060117		7.78	15.35	<0.05	0.8	0.059	0.28	2.9	24.9	4.67	1305	0.13	1.42	1.5	180.0	230
F060118		7.86	13.10	<0.05	0.8	0.051	0.42	2.1	29.4	5.03	1285	0.14	1.50	1.4	175.5	220
F060119		6.87	11.85	<0.05	0.6	0.030	0.34	2.0	24.5	4.33	1175	1.92	1.04	1.2	145.5	190
F060120		6.74	11.60	<0.05	0.6	0.030	0.33	1.8	24.1	4.22	1160	1.87	1.02	1.2	145.0	190
F060121		7.15	13.00	<0.05	0.7	0.045	0.23	2.0	21.7	4.11	1120	0.55	1.46	1.4	127.5	200
F060122		7.78	13.00	<0.05	0.8	0.048	0.13	2.2	23.5	4.58	1255	0.17	1.53	1.4	134.0	210
F060123		7.97	13.35	<0.05	0.8	0.052	0.14	2.3	23.3	4.78	1315	0.22	1.38	1.4	141.0	210
F060124		8.33	13.80	<0.05	0.9	0.054	0.22	2.3	25.8	5.08	1360	0.22	1.54	1.5	144.5	230
F060125		7.83	13.15	<0.05	0.8	0.051	0.37	4.1	36.8	4.83	1250	0.22	1.58	1.5	143.5	290
F060126		7.72	13.60	<0.05	0.8	0.052	0.44	2.1	26.8	4.91	1210	0.26	1.69	1.4	168.5	200
F060127		7.70	13.10	<0.05	0.7	0.054	0.47	2.1	20.7	4.89	1245	0.11	1.52	1.3	166.0	200
F060128		5.81	9.35	<0.05	0.3	0.032	0.15	1.4	26.4	3.66	1160	0.18	0.47	0.8	112.0	130
F060129		8.37	14.60	0.16	0.8	0.043	0.30	1.9	34.7	5.23	1290	0.45	1.30	1.5	185.0	230
F060130		0.08	0.29	0.20	<0.1	0.005	0.02	<0.5	10.5	13.15	368	0.16	0.02	0.1	2.3	40
F060131		7.71	13.95	0.11	0.7	0.049	0.30	1.8	29.0	4.95	1205	0.20	1.56	1.3	156.5	210
F060132		7.83	15.90	0.11	1.4	0.062	0.23	4.1	28.9	4.29	1290	0.29	1.55	3.1	115.5	380
F060133		10.15	14.65	0.15	0.8	0.282	0.10	2.0	13.0	2.44	1340	0.16	0.58	1.5	168.0	210
F060134		8.06	13.80	0.12	0.8	0.053	1.00	1.8	42.0	6.14	1195	0.15	0.61	1.4	164.0	210
F060135		7.96	13.90	0.13	0.6	0.040	0.38	1.8	38.0	5.77	1340	0.14	0.57	1.4	163.0	220
F060136		7.81	13.75	0.12	0.6	0.055	0.54	1.9	19.6	5.00	1380	0.11	1.10	1.3	152.5	210
F060137		7.70	13.60	0.12	0.7	0.057	0.33	1.7	15.0	4.49	1295	0.13	1.59	1.3	151.0	200
F060138		8.58	13.70	0.12	0.7	0.065	0.26	2.0	19.6	4.68	1380	0.13	1.57	1.4	163.0	220
F060139		8.60	13.80	0.11	0.6	0.063	0.18	1.8	18.4	4.51	1435	0.11	1.48	1.3	153.5	200
F060140		2.29	14.15	0.23	2.1	0.031	1.76	13.5	3.6	0.51	665	2.47	3.35	6.3	10.4	490
F060141		8.41	14.65	0.13	0.7	0.057	0.21	2.0	22.5	4.80	1360	0.13	1.67	1.4	157.5	210



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F060102		2.2	10.6	<0.002	0.04	0.70	38.8	<1	0.5	163.0	0.11	0.05	0.71	0.406	0.07	0.1
F060103		1.2	3.8	0.002	0.03	0.75	43.5	<1	0.6	120.0	0.10	0.05	0.18	0.422	0.03	<0.1
F060104		1.0	5.2	0.002	0.02	0.60	40.5	1	0.5	104.5	0.09	0.05	0.15	0.411	0.03	<0.1
F060105		1.2	6.7	<0.002	0.04	0.64	39.1	<1	0.5	107.5	0.10	0.05	0.22	0.390	0.04	0.1
F060106		1.2	2.5	<0.002	0.03	0.72	41.2	<1	0.5	120.5	0.10	<0.05	0.15	0.412	0.02	0.1
F060107		1.5	5.7	<0.002	0.04	0.87	43.4	<1	0.6	118.5	0.11	0.09	0.16	0.433	0.04	0.1
F060108		1.2	12.9	<0.002	0.04	0.74	39.4	<1	0.8	109.5	0.09	0.15	0.15	0.411	0.08	0.1
F060109		1.4	12.9	<0.002	0.03	0.81	40.7	<1	0.8	110.5	0.10	1.39	0.15	0.418	0.09	0.1
F060110		1580	88.1	0.114	2.49	137.0	8.8	5	5.0	372	0.53	0.48	5.91	0.244	1.49	2.2
F060111		1.6	9.5	<0.002	0.03	0.64	53.3	<1	0.5	115.5	0.09	0.06	0.18	0.407	0.07	0.1
F060112		0.8	12.2	0.002	0.03	0.63	51.4	<1	0.5	120.0	0.09	0.05	0.17	0.398	0.08	<0.1
F060113		1.0	9.6	0.002	0.04	0.81	44.1	<1	0.5	131.0	0.09	<0.05	0.16	0.413	0.06	<0.1
F060114		0.8	4.4	0.002	0.05	0.54	35.3	<1	0.6	104.5	0.09	0.12	0.13	0.359	0.03	<0.1
F060115		1.1	3.3	<0.002	0.05	0.62	42.3	<1	0.6	135.0	0.09	0.08	0.18	0.412	0.03	<0.1
F060116		1.3	3.6	<0.002	0.02	0.72	39.9	<1	0.6	159.5	0.09	0.06	0.15	0.413	0.03	<0.1
F060117		1.2	13.9	0.002	0.03	0.73	38.7	<1	0.5	155.0	0.10	0.05	0.30	0.402	0.09	0.1
F060118		0.9	24.7	0.002	0.04	0.64	41.4	<1	0.4	98.7	0.09	<0.05	0.16	0.410	0.14	<0.1
F060119		1.1	22.9	0.003	0.02	0.78	35.8	<1	0.5	100.5	0.08	<0.05	0.14	0.356	0.13	<0.1
F060120		1.6	21.9	0.003	0.02	0.77	35.0	<1	0.5	96.2	0.08	<0.05	0.13	0.347	0.12	<0.1
F060121		1.3	11.8	<0.002	0.02	0.90	39.2	<1	0.5	122.0	0.08	0.05	0.15	0.383	0.08	<0.1
F060122		1.0	6.0	0.002	0.05	0.74	41.3	<1	0.4	113.0	0.09	<0.05	0.18	0.406	0.05	<0.1
F060123		1.0	6.0	0.003	0.05	0.69	53.3	<1	0.4	119.0	0.09	<0.05	0.18	0.403	0.05	<0.1
F060124		1.1	11.9	0.003	0.06	0.63	52.2	1	0.4	115.5	0.10	0.05	0.18	0.424	0.09	0.1
F060125		1.2	20.6	0.002	0.03	0.41	40.0	<1	0.6	128.5	0.10	0.05	0.46	0.392	0.15	0.2
F060126		1.0	34.3	<0.002	0.02	0.52	49.6	<1	0.6	118.0	0.09	<0.05	0.17	0.378	0.20	<0.1
F060127		1.1	33.5	0.002	0.02	0.65	47.7	<1	0.9	119.5	0.09	0.05	0.16	0.371	0.21	<0.1
F060128		1.2	8.8	<0.002	<0.01	0.51	26.2	<1	0.4	102.5	0.05	<0.05	0.09	0.231	0.05	0.2
F060129		2.0	16.8	<0.002	0.02	0.65	31.0	1	0.5	102.5	0.13	<0.05	0.16	0.403	0.13	0.1
F060130		2.4	0.7	<0.002	0.01	0.13	0.2	1	<0.2	149.5	<0.05	<0.05	0.06	0.005	0.07	0.3
F060131		0.9	21.7	<0.002	0.03	0.54	40.5	1	0.7	100.5	0.10	<0.05	0.15	0.368	0.14	<0.1
F060132		1.0	17.1	0.002	0.06	0.44	37.0	1	1.0	95.1	0.22	<0.05	0.43	0.607	0.12	0.1
F060133		2.1	7.1	<0.002	1.44	1.23	43.6	17	3.8	99.5	0.10	6.14	0.16	0.402	0.11	<0.1
F060134		0.7	66.9	<0.002	0.04	0.39	24.0	1	0.8	45.0	0.10	0.07	0.14	0.367	0.48	0.1
F060135		0.9	27.2	<0.002	0.04	0.41	40.6	1	0.5	63.6	0.09	0.05	0.15	0.385	0.19	<0.1
F060136		0.9	42.6	<0.002	0.06	0.49	39.4	1	1.4	104.0	0.09	0.09	0.14	0.371	0.28	<0.1
F060137		0.8	22.5	<0.002	0.08	0.39	38.2	1	1.1	106.5	0.09	0.12	0.14	0.368	0.17	<0.1
F060138		0.9	18.8	<0.002	0.19	0.43	40.9	2	1.5	102.0	0.10	0.15	0.15	0.376	0.14	<0.1
F060139		0.8	10.9	<0.002	0.14	0.45	40.0	2	1.0	100.5	0.09	1.45	0.14	0.362	0.09	<0.1
F060140		9.6	37.8	<0.002	0.04	0.88	7.0	<1	1.1	204	0.46	0.25	3.13	0.204	0.17	1.3
F060141		0.8	13.0	<0.002	0.21	0.39	41.6	2	0.7	107.0	0.09	0.10	0.16	0.380	0.11	<0.1



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Cu % 0.001
F060102		242	0.8	15.3	65	21.5	
F060103		260	0.8	17.5	67	20.6	
F060104		254	0.7	16.1	67	28.0	
F060105		236	1.1	15.1	64	20.7	
F060106		260	1.1	16.9	69	21.3	
F060107		268	1.2	17.0	63	32.9	
F060108		252	1.3	15.9	61	20.9	
F060109		256	2.3	16.6	64	25.2	
F060110		105	12.5	11.6	3350	29.3	
F060111		256	0.8	18.0	77	26.4	
F060112		254	0.6	17.6	71	27.4	
F060113		258	0.7	17.0	72	24.7	
F060114		221	34.3	13.9	62	19.4	
F060115		255	0.9	16.5	71	21.4	
F060116		254	0.8	16.6	71	20.6	
F060117		246	0.9	17.5	64	26.8	
F060118		260	1.2	16.2	64	22.9	
F060119		220	2.7	15.3	50	18.0	
F060120		218	2.5	14.4	49	19.9	
F060121		237	1.5	14.7	53	19.2	
F060122		252	0.9	17.1	67	22.7	
F060123		256	0.5	17.8	72	26.9	
F060124		266	0.7	17.9	76	27.1	
F060125		249	0.9	16.7	67	27.9	
F060126		246	1.3	17.3	56	25.0	
F060127		248	1.5	16.6	54	21.0	
F060128		170	1.0	10.9	46	10.2	
F060129		277	1.7	15.8	70	23.1	
F060130		3	0.2	0.3	20	0.6	
F060131		249	1.2	15.1	59	28.0	
F060132		278	2.3	19.9	71	50.5	
F060133		261	42.6	16.4	95	36.9	1.185
F060134		257	1.5	14.8	63	24.9	
F060135		264	0.9	15.1	49	15.4	
F060136		248	1.2	14.6	55	16.4	
F060137		249	40.6	14.8	56	19.6	
F060138		249	4.2	15.4	70	19.2	
F060139		245	9.3	14.8	75	16.0	
F060140		38	21.1	18.6	48	67.2	
F060141		256	2.9	15.4	73	17.7	





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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F060142		2.22	0.333	0.13	7.40	4.6	30	0.17	1.16	8.24	0.07	5.16	48.3	186	0.30	401
F060143		2.51	0.019	0.09	7.56	0.7	50	0.18	0.18	8.19	0.06	5.98	52.2	197	0.40	270
F060144		2.67	0.035	0.08	7.25	1.7	50	0.17	0.21	8.60	0.06	5.15	49.7	186	0.32	236
F060145		2.59	0.028	0.08	7.56	2.2	50	0.15	0.19	8.33	0.05	5.49	49.0	187	0.35	243
F060146		2.61	0.022	0.06	7.24	1.7	30	0.16	0.24	8.06	0.04	5.29	52.2	184	0.33	161.0
F060147		5.23	0.031	0.09	7.22	4.2	30	0.14	0.34	8.40	0.04	4.85	51.4	173	0.37	282
F060148		2.33	0.019	0.06	6.79	5.1	30	0.14	0.26	7.48	0.03	4.63	41.6	194	0.41	89.1
F060149		2.67	0.011	0.07	7.23	5.5	50	0.14	0.18	7.97	0.05	4.64	42.8	202	0.47	118.0
F060150		<0.02	0.013	0.07	7.41	5.6	50	0.15	0.19	8.24	0.05	4.86	44.1	213	0.49	129.0
F060151		2.60	0.020	0.05	7.58	5.1	50	0.17	0.22	8.10	0.04	5.42	44.5	211	0.46	73.5
F060152		2.51	0.034	0.21	7.30	9.3	30	0.17	0.31	8.01	0.08	4.46	45.5	199	0.38	339
F060153		2.95	0.030	0.08	7.46	4.1	50	0.15	0.13	8.18	0.05	4.88	43.4	213	0.45	128.0
F060154		2.07	0.007	0.06	7.77	3.8	40	0.14	0.13	8.77	0.05	4.94	44.2	222	0.38	118.5
F060155		2.94	0.007	0.04	7.30	2.6	50	0.15	0.12	8.07	0.04	4.98	45.4	214	0.45	91.8
F060156		2.50	0.007	0.05	7.08	3.6	40	0.14	0.16	8.03	0.04	4.84	45.4	223	0.38	97.9
F060157		2.15	0.012	0.03	7.41	3.2	60	0.15	0.13	8.18	0.03	4.65	41.5	199	0.57	54.2
F060158		3.03	0.012	0.05	7.15	2.0	40	0.16	0.15	8.29	0.05	4.67	44.8	211	0.45	114.5
F060159		2.57	0.016	0.06	7.52	2.7	40	0.15	0.20	7.99	0.05	5.21	43.4	213	0.50	138.0
F060160		1.02	<0.001	0.02	0.04	0.8	70	0.05	0.02	19.95	0.06	0.75	1.4	6	0.52	5.6
F060161		2.17	0.030	0.06	7.32	3.9	40	0.13	0.26	8.78	0.05	4.97	45.3	209	0.47	138.0
F060162		2.68	0.042	0.04	7.74	4.1	40	0.13	0.40	8.32	0.04	5.54	41.9	202	0.41	80.8
F060163		2.76	0.009	0.07	7.45	2.6	40	0.16	0.16	8.50	0.05	4.82	45.4	215	0.40	120.5
F060164		2.24	0.024	0.05	7.28	2.4	40	0.14	0.12	8.28	0.04	4.98	42.6	201	0.39	81.8
F060165		2.71	0.012	0.03	7.43	2.9	40	0.16	0.12	8.25	0.05	5.09	45.3	225	0.41	71.2
F060166		2.80	0.135	0.05	7.42	2.9	50	0.12	0.57	8.56	0.04	5.06	43.4	219	0.46	93.8
F060167		2.69	0.017	0.03	7.46	4.4	90	0.11	0.24	8.55	0.04	4.81	45.9	212	0.74	74.3
F060168		1.76	0.011	0.05	8.46	1.7	140	0.51	0.07	6.40	0.05	41.8	24.9	70	0.50	117.5
F060169		2.62	0.007	0.03	7.57	4.4	60	0.12	0.18	8.67	0.04	5.40	46.1	213	0.54	76.1
F060170		0.11	6.36	85.7	7.14	440	1360	0.83	0.51	5.03	22.2	43.4	24.4	74	2.64	759
F060171		2.64	0.016	0.08	6.98	1.3	50	0.17	0.17	8.20	0.06	4.95	47.2	221	0.40	74.6
F060172		2.38	0.056	0.05	7.36	1.6	40	0.14	0.85	8.67	0.05	4.94	44.5	229	0.33	87.1
F060173		2.64	0.007	0.05	7.10	1.3	20	0.12	0.14	8.35	0.05	5.21	48.4	243	0.27	87.7
F060174		2.70	0.007	0.05	7.85	2.4	40	0.16	0.19	8.51	0.05	5.37	44.2	219	0.35	86.3
F060175		2.78	0.025	0.03	7.40	3.4	30	0.14	0.18	8.79	0.03	4.98	47.7	221	0.32	59.9
F060176		2.18	0.011	0.04	7.86	2.5	30	0.17	0.28	8.73	0.04	5.44	45.1	232	0.34	70.3
F060177		2.54	0.050	0.06	7.56	1.4	50	0.12	0.32	8.77	0.06	5.13	46.0	221	0.39	119.5
F060178		2.45	0.018	0.06	7.91	4.0	60	0.21	0.33	8.42	0.05	7.40	46.0	211	0.53	98.0
F060179		2.94	0.041	0.07	7.94	2.9	90	0.14	0.53	8.59	0.06	4.94	47.6	221	0.70	122.0
F060180		<0.02	0.044	0.07	7.85	2.6	90	0.18	0.57	8.71	0.06	5.12	47.7	222	0.72	124.5
F060181		4.01	0.009	0.05	7.38	2.4	80	0.16	0.22	8.87	0.04	5.23	46.6	230	0.58	80.6



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To: NORTHERN DOMINION METALS/CROSS RIVER  
 VENTURE  
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 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060142		8.06	13.95	0.13	0.8	0.059	0.13	1.8	17.9	4.61	1365	0.12	1.66	1.4	152.0	220
F060143		8.45	15.55	0.14	0.8	0.059	0.22	2.2	15.8	4.74	1380	0.14	1.62	1.5	161.0	210
F060144		7.89	14.50	0.14	0.8	0.055	0.19	1.8	13.0	4.48	1340	0.16	1.49	1.4	153.0	220
F060145		7.81	14.25	0.11	0.7	0.052	0.22	2.0	14.8	4.51	1300	0.13	1.69	1.4	152.0	210
F060146		8.27	14.20	0.12	0.7	0.058	0.11	1.9	20.9	4.91	1395	0.09	1.52	1.4	155.0	210
F060147		7.83	14.00	0.12	0.8	0.053	0.16	1.7	22.5	4.58	1345	0.11	1.32	1.3	145.0	210
F060148		6.85	11.85	0.11	0.6	0.046	0.14	1.7	35.4	4.86	1140	0.11	1.39	1.2	126.0	230
F060149		7.15	12.95	0.10	0.7	0.049	0.24	1.7	25.7	4.95	1195	0.15	1.38	1.2	132.5	230
F060150		7.37	13.45	0.11	0.7	0.053	0.25	1.8	26.1	5.06	1230	0.15	1.41	1.3	136.0	230
F060151		7.26	13.35	0.12	0.7	0.052	0.23	2.0	29.6	5.04	1210	0.15	1.40	1.3	133.5	250
F060152		7.18	13.85	0.10	0.6	0.054	0.14	1.6	31.1	4.85	1175	0.15	1.33	1.2	133.0	230
F060153		7.23	13.75	0.11	0.7	0.051	0.24	1.8	21.9	4.87	1190	0.21	1.29	1.3	138.5	220
F060154		7.58	13.50	0.12	0.7	0.044	0.17	1.8	22.8	4.80	1225	0.12	1.22	1.3	137.0	230
F060155		7.45	13.55	0.11	0.7	0.046	0.22	1.8	24.6	5.02	1235	0.72	1.28	1.3	141.5	230
F060156		7.58	14.00	0.12	0.7	0.047	0.17	1.8	24.8	4.95	1220	0.15	1.07	1.3	140.5	220
F060157		6.89	13.50	0.11	0.6	0.045	0.33	1.7	23.8	4.77	1170	0.19	1.29	1.2	131.0	200
F060158		7.34	13.35	0.11	0.8	0.048	0.24	1.7	20.7	4.75	1240	0.30	1.28	1.3	135.0	200
F060159		7.26	13.20	0.12	0.7	0.049	0.24	1.9	25.1	5.01	1200	0.13	1.27	1.3	143.0	230
F060160		0.10	0.24	0.13	0.1	0.005	0.02	0.5	8.7	13.15	427	0.19	0.02	0.1	4.0	70
F060161		7.35	13.75	0.09	0.7	0.047	0.24	1.8	20.2	4.87	1250	0.16	1.05	1.3	137.5	240
F060162		7.04	15.15	0.10	0.6	0.048	0.19	2.1	26.4	4.46	1165	0.48	1.05	1.2	131.5	210
F060163		7.56	14.00	0.11	0.7	0.047	0.23	1.7	19.6	4.74	1275	0.16	1.19	1.3	139.0	200
F060164		7.15	12.50	0.09	0.7	0.046	0.20	1.8	23.3	4.76	1225	0.15	1.32	1.3	134.0	210
F060165		7.64	12.75	<0.05	0.6	0.046	0.19	1.8	26.1	5.16	1310	0.09	1.25	1.3	140.5	210
F060166		7.39	13.25	<0.05	0.6	0.045	0.23	1.8	22.6	4.71	1250	0.15	1.08	1.3	136.5	210
F060167		7.60	14.25	<0.05	0.6	0.056	0.40	1.7	21.9	4.82	1265	0.24	1.09	1.2	136.0	210
F060168		6.33	14.50	0.05	2.6	0.044	0.30	19.7	23.2	2.12	938	0.88	2.23	5.1	63.0	900
F060169		7.62	13.85	<0.05	0.8	0.046	0.28	1.9	21.1	4.59	1275	0.14	1.14	1.2	138.5	210
F060170		6.18	17.35	0.06	0.9	0.099	1.46	21.8	26.2	2.44	954	17.85	1.88	20.5	52.5	1320
F060171		7.56	12.25	0.05	0.7	0.041	0.23	1.8	17.8	4.74	1290	0.40	1.36	1.3	138.5	200
F060172		7.14	13.35	0.05	0.7	0.047	0.24	1.8	13.9	4.37	1250	0.23	1.33	1.3	139.0	200
F060173		7.74	13.40	<0.05	0.8	0.050	0.14	1.8	17.4	4.77	1330	0.10	1.13	1.3	145.0	200
F060174		7.40	14.50	0.05	0.6	0.054	0.21	2.0	21.4	4.63	1260	0.10	1.24	1.3	142.0	200
F060175		7.44	13.75	<0.05	0.6	0.047	0.18	1.8	20.1	4.60	1270	0.55	1.25	1.3	144.5	190
F060176		7.53	14.55	0.05	0.8	0.056	0.19	2.0	19.4	4.57	1285	0.17	1.38	1.4	145.5	200
F060177		7.78	13.45	<0.05	0.7	0.048	0.27	1.8	15.6	4.79	1370	0.27	1.26	1.3	138.0	200
F060178		7.63	15.20	<0.05	0.9	0.051	0.32	2.7	25.2	4.59	1305	0.17	1.30	1.8	131.0	250
F060179		7.60	14.90	<0.05	0.6	0.052	0.45	1.8	23.7	4.24	1265	0.25	1.08	1.3	138.0	200
F060180		7.46	15.20	<0.05	0.7	0.050	0.45	1.8	22.7	4.18	1250	0.25	1.08	1.3	135.5	190
F060181		7.67	13.35	<0.05	0.7	0.047	0.39	1.9	17.8	4.71	1380	0.15	1.21	1.3	139.5	210



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To: NORTHERN DOMINION METALS/CROSS RIVER  
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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F060142		0.7	6.9	<0.002	0.08	0.38	41.5	1	0.6	100.0	0.09	0.28	0.15	0.381	0.06	<0.1
F060143		0.8	13.4	<0.002	0.28	0.40	41.7	2	0.5	104.0	0.10	0.10	0.16	0.391	0.09	<0.1
F060144		0.7	9.3	<0.002	0.14	0.41	39.4	2	0.6	101.5	0.09	0.09	0.15	0.377	0.08	<0.1
F060145		0.6	11.9	<0.002	0.05	0.32	42.0	1	0.7	102.0	0.10	0.06	0.15	0.387	0.09	<0.1
F060146		0.7	6.1	<0.002	0.05	0.42	42.0	1	0.7	100.0	0.09	0.07	0.15	0.375	0.06	<0.1
F060147		0.6	9.5	<0.002	0.05	0.32	39.2	1	1.0	97.5	0.09	0.12	0.14	0.366	0.07	<0.1
F060148		0.5	9.2	<0.002	0.04	0.24	39.5	1	0.7	66.2	0.08	0.06	0.13	0.330	0.07	<0.1
F060149		0.6	15.4	<0.002	0.06	0.33	41.9	1	0.7	85.1	0.08	0.05	0.14	0.351	0.11	<0.1
F060150		0.5	15.8	<0.002	0.06	0.32	42.6	1	0.7	89.0	0.09	0.05	0.14	0.361	0.11	<0.1
F060151		0.6	15.4	<0.002	0.05	0.39	43.2	1	0.8	88.7	0.09	<0.05	0.14	0.363	0.10	<0.1
F060152		0.7	8.5	<0.002	0.10	0.39	40.6	1	0.6	87.5	0.08	0.09	0.13	0.340	0.06	<0.1
F060153		0.6	15.3	<0.002	0.06	0.37	43.2	1	0.5	94.9	0.09	<0.05	0.14	0.359	0.11	<0.1
F060154		0.6	9.6	<0.002	0.06	0.37	43.5	1	0.5	87.5	0.09	0.05	0.14	0.373	0.08	<0.1
F060155		0.5	11.6	0.002	0.06	0.30	42.1	1	0.5	87.1	0.09	0.05	0.14	0.355	0.10	<0.1
F060156		0.8	8.0	<0.002	0.06	0.32	34.0	1	0.5	92.8	0.09	<0.05	0.14	0.358	0.08	<0.1
F060157		0.5	22.0	<0.002	0.03	0.28	39.5	<1	0.8	84.8	0.08	<0.05	0.13	0.332	0.15	<0.1
F060158		0.5	14.0	<0.002	0.10	0.25	41.1	1	0.6	86.8	0.09	0.05	0.14	0.353	0.12	<0.1
F060159		0.5	15.2	<0.002	0.05	0.27	43.5	1	0.7	89.0	0.09	0.05	0.15	0.364	0.11	<0.1
F060160		2.2	0.9	<0.002	<0.01	0.11	0.2	1	<0.2	140.5	<0.05	<0.05	0.05	<0.005	0.07	0.2
F060161		0.6	14.4	<0.002	0.06	0.35	42.3	1	0.7	91.5	0.08	0.06	0.14	0.350	0.11	<0.1
F060162		0.6	9.4	<0.002	0.05	0.30	40.3	1	0.6	99.2	0.08	0.08	0.14	0.341	0.08	<0.1
F060163		0.6	11.0	<0.002	0.10	0.35	41.2	1	0.5	96.8	0.09	<0.05	0.14	0.357	0.09	<0.1
F060164		0.6	10.2	<0.002	0.06	0.26	42.3	1	0.5	83.3	0.09	<0.05	0.14	0.350	0.07	<0.1
F060165		0.7	9.5	<0.002	0.04	0.32	42.1	<1	0.4	77.9	0.10	<0.05	0.15	0.366	0.08	<0.1
F060166		0.6	12.2	0.002	0.06	0.36	42.2	<1	0.7	87.9	0.08	0.20	0.13	0.358	0.09	<0.1
F060167		1.0	19.9	<0.002	0.04	0.36	40.4	<1	0.6	114.5	0.08	0.07	0.13	0.344	0.14	<0.1
F060168		2.6	9.7	<0.002	0.07	0.14	21.3	1	0.8	205	0.39	<0.05	2.81	0.499	0.10	0.8
F060169		1.0	12.9	0.002	0.05	0.36	40.9	1	0.6	109.0	0.08	0.06	0.14	0.353	0.10	<0.1
F060170		2500	43.3	0.015	1.27	215	18.2	6	2.3	372	1.15	0.32	2.45	0.515	0.45	1.6
F060171		2.0	10.3	<0.002	0.06	0.39	41.5	<1	0.6	90.5	0.09	<0.05	0.14	0.351	0.08	<0.1
F060172		0.7	10.1	<0.002	0.05	0.29	42.7	<1	0.8	97.5	0.08	0.28	0.14	0.353	0.08	<0.1
F060173		0.6	5.3	<0.002	0.06	0.27	42.7	<1	0.6	90.4	0.08	<0.05	0.14	0.363	0.04	<0.1
F060174		0.6	8.5	<0.002	0.05	0.31	43.0	<1	0.8	100.5	0.09	0.06	0.14	0.361	0.07	<0.1
F060175		0.5	6.9	<0.002	0.04	0.28	40.1	<1	0.7	92.4	0.08	<0.05	0.14	0.346	0.06	<0.1
F060176		0.6	6.9	<0.002	0.05	0.35	44.6	<1	0.7	100.5	0.09	0.08	0.14	0.380	0.06	<0.1
F060177		0.7	11.2	<0.002	0.05	0.32	42.0	<1	1.0	94.6	0.09	0.06	0.13	0.354	0.09	<0.1
F060178		0.8	14.1	<0.002	0.06	0.30	41.7	<1	0.9	111.5	0.12	0.05	0.21	0.431	0.11	0.1
F060179		0.9	16.9	<0.002	0.04	0.30	41.6	<1	0.8	119.5	0.08	0.11	0.13	0.369	0.16	<0.1
F060180		1.0	18.6	<0.002	0.05	0.34	43.1	<1	0.8	119.5	0.09	0.11	0.15	0.362	0.16	<0.1
F060181		0.9	15.4	<0.002	0.04	0.30	41.2	1	0.7	126.5	0.09	0.06	0.17	0.363	0.14	<0.1



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V	W	Y	Zn	Zr	Cu
		ppm	ppm	ppm	ppm	ppm	%
		1	0.1	0.1	2	0.5	0.001
F060142		254	2.0	15.3	70	16.8	
F060143		270	1.0	16.2	65	22.4	
F060144		262	1.0	15.4	59	22.6	
F060145		267	1.1	15.9	59	20.1	
F060146		258	1.7	15.7	69	17.7	
F060147		243	2.2	14.6	62	18.4	
F060148		229	0.9	13.7	60	15.0	
F060149		246	1.2	14.2	62	19.0	
F060150		251	1.1	14.5	63	18.6	
F060151		250	1.2	15.3	60	20.4	
F060152		238	1.1	13.8	64	17.0	
F060153		253	1.1	14.8	58	17.9	
F060154		264	1.0	15.1	58	17.9	
F060155		252	0.9	15.0	61	21.6	
F060156		251	1.0	15.0	60	18.1	
F060157		239	1.0	13.6	54	16.3	
F060158		245	1.0	14.4	58	19.9	
F060159		254	1.2	15.0	58	16.3	
F060160		3	0.2	0.4	18	0.6	
F060161		248	1.4	15.0	58	19.8	
F060162		254	1.0	14.8	59	16.1	
F060163		257	0.9	14.7	66	20.2	
F060164		241	1.2	14.6	61	22.2	
F060165		255	0.9	14.9	69	19.8	
F060166		249	1.2	14.7	61	16.2	
F060167		247	1.0	14.2	64	15.5	
F060168		185	0.8	19.2	75	103.5	
F060169		251	1.1	14.7	64	16.5	
F060170		205	16.9	13.9	3990	26.9	
F060171		243	5.5	14.5	69	19.2	
F060172		243	1.3	14.5	57	17.0	
F060173		250	0.9	14.9	66	17.8	
F060174		260	1.3	15.3	63	16.8	
F060175		248	1.7	14.1	59	16.7	
F060176		264	2.4	15.9	61	15.8	
F060177		249	1.1	14.5	67	20.7	
F060178		266	1.1	16.6	66	23.3	
F060179		259	2.4	14.0	63	15.6	
F060180		255	2.8	14.4	61	15.9	
F060181		254	4.7	14.4	68	19.5	



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F060182		2.52	0.009	0.05	7.82	4.3	100	0.32	0.15	6.89	0.04	17.25	39.7	156	0.47	75.2
F060183		2.46	0.032	0.04	6.63	6.9	50	0.14	0.28	8.67	0.05	4.30	44.8	198	0.48	89.4
F060184		2.51	0.065	0.10	7.15	8.7	30	0.13	0.34	7.74	0.11	4.60	48.7	206	0.47	174.0
F060185		2.71	0.018	0.06	7.35	1.6	30	0.16	0.25	8.54	0.05	5.57	43.9	206	0.49	87.7
F060186		2.49	0.017	0.06	7.69	4.0	30	0.14	0.25	8.93	0.05	5.53	43.3	234	0.30	114.5
F060187		2.47	0.025	0.06	7.63	3.6	30	0.11	0.25	8.56	0.05	5.59	45.2	225	0.34	113.0
F060188		2.82	0.010	0.03	7.31	2.8	50	0.14	0.57	8.54	0.03	5.42	38.7	203	0.42	51.2
F060189		2.71	0.015	0.10	7.13	2.2	60	0.20	0.27	7.36	0.07	6.37	43.6	199	0.56	98.5
F060190		1.04	0.001	0.01	0.08	0.2	530	<0.05	0.01	20.5	0.25	0.89	1.0	3	0.44	4.3
F060191		2.77	0.014	0.05	7.48	1.0	40	0.13	0.12	7.55	0.05	5.25	43.6	236	0.43	93.3
F060192		2.68	0.026	0.07	7.51	3.9	20	0.20	0.26	8.40	0.04	11.55	46.0	201	0.23	141.0
F060193		2.99	0.014	0.07	7.45	3.3	30	0.15	0.21	8.21	0.05	5.41	41.6	231	0.34	110.5
F060194		2.30	0.014	0.09	6.89	4.2	80	0.25	0.11	7.55	0.04	8.04	37.3	200	1.00	73.7
F060195		1.91	0.004	0.07	7.02	<0.2	370	1.07	0.08	1.92	0.02	40.4	4.8	12	2.08	12.4
F060196		2.40	0.021	0.12	7.24	0.2	270	0.65	0.09	4.63	0.08	28.6	21.3	62	2.11	64.4
F060197		2.30	0.002	0.07	7.07	1.0	370	0.87	0.16	1.98	0.03	28.7	5.5	10	2.09	16.7
F060198		2.29	0.003	0.10	7.01	0.9	360	0.84	0.20	2.23	0.04	22.4	6.9	13	2.10	13.5
F060796		4.06	0.002	0.23	7.84	72.3	530	0.70	0.07	0.81	1.05	44.1	14.6	68	1.81	63.2
F060797		4.52	0.001	0.11	7.64	26.1	410	0.75	0.05	1.45	0.03	41.3	11.8	64	1.44	30.8
F060798		4.50	0.002	0.13	7.76	19.8	420	0.77	0.07	1.64	0.05	38.2	10.2	63	1.44	33.0
F060799		4.72	0.002	0.11	7.59	18.2	360	0.68	0.07	1.64	0.07	39.7	10.4	73	1.42	26.9
F060800		<0.02	0.002	0.09	7.75	17.7	360	0.67	0.07	1.68	0.06	38.3	9.6	73	1.35	26.0
F060801		4.23	0.002	0.18	8.12	15.6	430	0.64	0.06	0.82	0.12	42.6	10.1	65	1.60	39.8
F060802		3.33	0.002	0.10	7.91	15.8	430	0.73	0.06	1.02	0.07	43.2	11.8	76	1.55	18.8
F060803		4.71	0.001	0.18	7.77	14.4	360	0.60	0.04	2.44	0.05	44.8	14.6	80	1.25	37.0
F060804		4.59	0.003	0.17	7.95	38.8	350	0.70	0.07	2.06	0.23	43.5	21.8	37	1.46	36.6
F060805		5.05	0.003	0.35	7.76	66.6	520	0.59	0.08	1.43	0.53	48.7	18.0	68	1.86	52.2
F060806		2.47	0.002	0.31	7.48	9.0	50	0.49	0.02	3.99	0.09	21.8	37.0	459	0.28	67.2
F060807		4.73	0.003	0.28	7.65	5.0	70	0.53	0.01	3.93	0.09	23.7	41.7	462	0.22	62.9
F060808		3.62	0.002	0.30	7.53	13.7	40	0.48	0.02	4.34	0.10	20.7	37.1	420	0.22	51.1
F060809		3.82	0.002	0.21	8.09	24.4	630	0.66	0.04	1.68	0.04	53.7	9.7	83	1.92	36.5
F060810		0.11	0.475	0.30	7.46	3.7	890	0.95	1.32	1.88	0.06	26.7	5.5	15	0.50	40.8
F060811		4.30	0.002	0.22	8.10	11.1	350	0.70	0.03	3.73	0.05	47.2	16.7	34	1.07	46.4
F060812		4.57	0.002	0.16	7.89	12.2	440	0.73	0.06	3.28	0.03	48.6	12.1	58	1.48	31.4
F060813		4.90	0.002	0.15	8.09	11.6	370	0.75	0.08	2.54	0.03	52.4	16.3	53	1.43	34.0
F060814		4.85	0.001	0.11	8.25	7.9	430	0.82	0.04	1.09	0.03	54.8	8.9	36	1.69	24.8
F060815		4.45	0.003	0.30	7.82	33.9	450	0.66	0.09	0.84	0.16	56.0	16.7	47	1.79	60.9
F060816		5.08	0.002	0.18	8.20	26.7	400	0.68	0.05	1.44	0.18	56.6	14.2	62	1.60	30.6
F060817		2.34	0.004	0.41	7.42	58.3	300	0.41	0.08	4.18	0.18	33.2	25.0	138	1.19	64.8
F060818		4.21	0.004	0.33	7.76	39.1	620	0.61	0.09	2.84	0.07	48.8	24.5	73	1.81	55.0



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060182		6.51	15.10	<0.05	1.7	0.045	0.33	7.4	25.3	3.27	1055	0.55	1.95	3.0	113.5	410
F060183		7.17	11.30	<0.05	0.5	0.039	0.24	1.5	31.4	4.34	1270	0.32	1.19	1.2	131.5	180
F060184		7.40	12.90	<0.05	0.5	0.047	0.19	1.6	44.6	4.34	1225	0.29	1.32	1.2	142.0	190
F060185		7.40	13.65	<0.05	0.6	0.054	0.15	2.0	46.8	4.64	1260	0.36	1.18	1.4	131.0	200
F060186		7.77	14.55	0.05	0.7	0.048	0.15	2.0	24.0	4.59	1340	0.17	1.28	1.4	125.5	210
F060187		7.53	14.20	<0.05	0.6	0.047	0.19	2.0	22.1	4.72	1260	0.16	1.29	1.3	133.0	220
F060188		7.17	13.20	<0.05	0.6	0.040	0.34	2.0	24.8	4.83	1255	0.12	1.33	1.3	118.5	200
F060189		7.81	15.00	0.06	0.8	0.060	0.33	2.3	31.6	5.01	1320	2.63	1.26	1.6	128.0	220
F060190		0.13	0.25	<0.05	<0.1	<0.005	0.02	0.6	8.8	13.75	472	0.07	0.03	0.1	3.0	60
F060191		7.76	13.40	<0.05	0.6	0.050	0.27	1.9	31.6	5.18	1340	1.84	1.63	1.3	131.0	210
F060192		8.28	15.00	<0.05	0.8	0.055	0.06	4.5	30.6	4.54	1330	0.56	1.00	2.9	117.5	280
F060193		7.50	13.80	0.05	0.6	0.048	0.16	1.9	36.8	4.91	1265	2.25	1.31	1.3	129.5	210
F060194		6.42	13.40	<0.05	0.8	0.042	0.57	3.2	77.1	4.17	1150	3.08	1.40	1.8	113.5	220
F060195		1.57	16.50	0.06	3.0	0.017	2.13	19.2	21.4	0.42	376	0.22	3.04	8.5	8.2	270
F060196		4.62	16.10	0.06	2.2	0.034	2.03	12.8	43.2	1.91	889	1.26	2.09	4.3	43.3	340
F060197		1.71	16.85	0.08	2.3	0.015	2.25	12.5	24.7	0.46	377	0.14	3.00	6.3	7.8	320
F060198		1.79	16.65	0.09	2.2	0.018	2.28	9.5	30.8	0.58	412	0.53	2.80	6.2	12.7	290
F060796		2.76	20.4	0.10	3.4	0.032	2.74	22.0	43.1	0.78	558	1.48	0.57	5.4	35.0	820
F060797		2.28	20.0	0.08	3.2	0.020	2.04	20.1	97.2	0.91	672	0.80	0.42	4.0	36.0	710
F060798		1.91	17.90	0.14	3.1	0.021	1.88	18.5	111.0	0.69	488	1.28	0.47	3.6	31.6	720
F060799		2.27	18.90	0.17	3.3	0.022	1.63	19.5	137.0	0.80	501	1.04	0.50	3.5	34.7	690
F060800		2.32	18.15	0.14	3.1	0.025	1.65	18.5	132.5	0.79	514	0.90	0.50	3.4	32.5	690
F060801		1.11	18.80	0.17	3.3	0.022	2.10	20.2	111.5	0.47	227	1.30	0.55	3.5	25.5	660
F060802		1.73	18.60	0.18	3.4	0.019	1.94	20.2	131.0	0.54	281	0.54	0.54	3.7	35.7	800
F060803		2.82	17.70	0.18	3.1	0.033	1.43	20.1	144.0	1.14	890	0.47	0.55	3.6	37.7	790
F060804		3.69	20.3	0.08	3.4	0.031	1.80	18.5	120.5	1.07	1015	0.68	0.50	4.7	48.9	780
F060805		4.27	18.00	0.21	3.0	0.037	2.63	23.1	62.5	0.87	1100	0.39	0.39	4.5	50.5	920
F060806		5.32	13.10	0.13	1.9	0.028	0.04	10.0	99.1	5.53	1510	0.49	1.74	2.8	300	390
F060807		5.40	14.05	0.13	2.0	0.032	0.04	11.0	66.7	5.70	992	0.57	2.10	3.0	310	390
F060808		5.31	12.90	0.11	1.9	0.032	0.02	9.9	91.5	5.44	1790	0.50	1.68	2.7	298	390
F060809		2.02	19.20	0.18	3.1	0.035	2.62	24.2	41.2	0.94	740	0.41	0.56	5.6	30.5	870
F060810		2.37	12.60	0.15	1.8	0.032	1.85	12.7	3.5	0.53	685	2.29	3.44	5.6	9.1	490
F060811		3.90	19.20	0.17	3.4	0.036	1.62	20.1	81.3	1.73	1400	0.41	0.79	6.3	35.9	1070
F060812		2.36	19.20	0.20	3.3	0.040	2.09	20.0	58.4	1.24	1045	0.40	0.53	5.9	28.7	960
F060813		3.60	18.30	0.19	3.1	0.033	2.00	23.3	67.4	1.28	1275	0.52	0.48	5.8	37.3	1010
F060814		2.44	18.75	0.19	3.5	0.028	2.25	25.9	95.6	0.73	919	0.49	0.43	5.4	24.1	1000
F060815		2.78	17.70	0.16	3.5	0.036	2.39	26.8	84.1	0.45	450	5.39	0.47	4.5	34.8	1020
F060816		4.01	17.05	0.16	3.1	0.031	2.18	26.4	75.9	0.89	1715	1.22	0.43	4.5	34.6	1080
F060817		5.48	15.95	0.15	2.1	0.046	1.46	14.3	100.0	2.02	2490	1.06	0.41	3.2	67.1	680
F060818		4.73	19.40	0.17	3.2	0.052	2.34	20.9	34.7	1.05	1035	1.27	0.62	6.5	44.8	980



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F060182		1.8	6.9	<0.002	0.07	0.23	30.2	1	0.8	156.5	0.23	<0.05	1.23	0.378	0.11	0.4
F060183		0.6	10.8	<0.002	0.05	0.14	37.4	<1	0.6	82.8	0.07	0.11	0.12	0.327	0.07	<0.1
F060184		2.6	9.1	<0.002	0.09	0.17	40.8	<1	0.8	66.8	0.08	0.11	0.13	0.345	0.07	<0.1
F060185		<0.5	7.7	<0.002	0.07	0.22	41.0	1	0.7	86.2	0.09	0.08	0.15	0.373	0.06	<0.1
F060186		0.6	6.0	<0.002	0.05	0.36	42.1	<1	0.7	116.0	0.08	0.06	0.15	0.382	0.05	<0.1
F060187		0.6	8.7	<0.002	0.05	0.35	40.6	1	0.7	115.0	0.09	0.09	0.14	0.375	0.06	<0.1
F060188		0.7	16.2	<0.002	0.06	0.48	38.2	<1	0.5	102.5	0.08	0.39	0.14	0.360	0.11	<0.1
F060189		3.9	15.3	<0.002	0.08	0.79	34.0	1	0.7	128.5	0.11	0.05	0.18	0.389	0.10	<0.1
F060190		1.6	0.7	<0.002	0.01	0.11	0.3	<1	<0.2	171.5	<0.05	<0.05	0.07	0.007	0.06	0.3
F060191		0.8	11.6	<0.002	0.04	0.21	38.7	<1	0.5	102.5	0.08	<0.05	0.14	0.376	0.08	<0.1
F060192		1.2	1.8	<0.002	0.21	0.40	35.5	<1	0.6	126.0	0.19	<0.05	0.33	0.452	0.02	0.1
F060193		0.7	7.0	<0.002	0.06	0.30	40.5	<1	0.6	107.5	0.09	0.05	0.14	0.373	0.06	<0.1
F060194		2.4	25.5	<0.002	0.02	0.10	33.8	1	0.6	86.8	0.16	0.05	0.80	0.345	0.14	0.4
F060195		14.2	86.5	<0.002	0.03	0.11	3.9	<1	1.5	142.5	1.45	<0.05	11.05	0.122	0.44	3.9
F060196		5.2	76.2	<0.002	0.18	0.15	16.6	<1	0.9	212	0.65	<0.05	5.32	0.221	0.43	2.2
F060197		12.2	73.4	<0.002	0.05	0.12	4.1	<1	0.7	179.0	0.85	<0.05	6.24	0.136	0.41	2.8
F060198		9.7	68.8	<0.002	0.04	0.13	5.0	<1	0.8	188.0	0.91	0.05	5.22	0.127	0.40	2.0
F060796		15.8	75.8	<0.002	0.45	2.64	9.7	<1	1.2	64.0	0.36	<0.05	3.44	0.327	0.64	0.9
F060797		4.6	60.3	<0.002	0.67	2.10	7.5	<1	0.8	104.5	0.27	<0.05	3.35	0.214	0.52	0.9
F060798		5.4	53.4	<0.002	1.23	1.87	7.8	<1	0.7	123.0	0.25	<0.05	3.10	0.223	0.45	0.8
F060799		5.8	51.0	<0.002	1.93	2.11	9.2	<1	0.7	121.5	0.27	<0.05	3.45	0.206	0.42	0.9
F060800		5.2	48.8	<0.002	1.99	1.82	8.5	<1	0.6	121.5	0.23	<0.05	3.31	0.208	0.42	0.9
F060801		6.5	64.4	<0.002	0.82	1.83	9.4	<1	0.7	117.5	0.25	<0.05	3.64	0.216	0.54	1.0
F060802		5.0	60.9	<0.002	1.50	1.93	12.2	<1	0.8	114.5	0.28	<0.05	3.56	0.250	0.59	0.9
F060803		4.6	35.4	<0.002	2.03	2.06	11.0	<1	0.7	120.5	0.25	<0.05	3.18	0.248	0.48	0.8
F060804		6.4	53.6	<0.002	2.62	2.93	11.7	<1	0.9	110.0	0.34	<0.05	3.25	0.266	0.73	0.9
F060805		11.3	83.7	<0.002	3.47	2.49	12.1	<1	0.8	86.7	0.33	<0.05	3.37	0.293	1.13	0.9
F060806		20.0	1.3	<0.002	0.09	2.39	21.1	<1	0.5	202	0.21	<0.05	1.97	0.276	<0.02	0.6
F060807		10.6	1.1	<0.002	0.04	3.21	23.0	<1	0.6	314	0.24	<0.05	2.09	0.279	<0.02	0.6
F060808		18.6	0.2	<0.002	0.08	2.34	19.8	<1	0.5	216	0.21	<0.05	1.76	0.281	<0.02	0.6
F060809		7.1	85.6	<0.002	0.81	2.59	13.5	<1	0.8	119.5	0.38	<0.05	3.55	0.366	1.06	1.1
F060810		9.4	35.3	<0.002	0.04	0.69	6.7	<1	0.9	208	0.39	0.21	2.95	0.215	0.16	1.3
F060811		6.2	32.4	<0.002	0.15	3.82	10.9	<1	0.8	140.0	0.41	<0.05	2.98	0.369	0.64	0.8
F060812		7.2	48.8	<0.002	0.47	4.18	12.1	<1	0.9	115.5	0.41	<0.05	2.98	0.364	0.87	0.7
F060813		5.8	50.9	<0.002	0.47	3.16	11.2	<1	0.8	92.2	0.38	<0.05	3.32	0.331	0.78	0.9
F060814		4.4	70.8	<0.002	0.55	3.01	11.9	<1	0.8	77.7	0.38	<0.05	4.01	0.288	0.96	1.1
F060815		9.3	73.5	<0.002	2.54	4.31	9.7	<1	0.8	82.2	0.34	<0.05	3.91	0.263	1.21	1.0
F060816		7.2	62.7	<0.002	2.15	4.29	10.8	<1	0.8	82.7	0.32	<0.05	3.63	0.281	1.13	1.0
F060817		8.1	30.5	<0.002	2.36	3.87	22.7	<1	0.7	90.9	0.23	<0.05	2.07	0.334	0.76	0.6
F060818		9.0	60.9	0.002	2.02	3.98	14.6	1	1.1	131.0	0.43	<0.05	2.93	0.606	1.13	0.8



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Cu % 0.001
F060182		200	1.8	14.5	65	57.3	
F060183		230	0.9	13.2	62	13.6	
F060184		242	35.1	14.1	70	12.6	
F060185		244	1.6	14.9	65	14.6	
F060186		261	1.3	15.4	67	15.6	
F060187		252	14.0	14.8	59	13.7	
F060188		241	1.6	13.9	61	15.7	
F060189		254	1.5	16.8	68	22.7	
F060190		4	0.2	0.6	75	1.0	
F060191		256	3.3	14.3	75	14.0	
F060192		248	11.3	15.1	77	26.8	
F060193		250	8.4	14.8	69	14.7	
F060194		216	1.6	13.9	66	25.5	
F060195		27	0.9	8.0	27	95.5	
F060196		130	3.0	7.1	63	77.3	
F060197		31	1.8	5.4	36	71.7	
F060198		33	2.0	6.2	38	67.4	
F060796		87	0.2	11.9	79	141.0	
F060797		62	0.2	8.1	44	134.0	
F060798		62	0.2	7.8	34	129.5	
F060799		65	0.2	9.3	35	132.5	
F060800		66	0.1	8.9	35	132.0	
F060801		67	0.1	11.1	30	141.0	
F060802		88	0.2	11.2	27	136.0	
F060803		91	0.1	9.9	63	126.0	
F060804		92	0.2	10.8	87	139.0	
F060805		91	0.3	11.9	113	124.5	
F060806		105	0.2	9.9	150	72.2	
F060807		106	0.3	10.9	96	78.0	
F060808		104	0.2	9.6	136	71.9	
F060809		104	0.3	12.9	32	134.0	
F060810		39	16.4	17.4	48	56.6	
F060811		92	0.3	11.0	94	146.0	
F060812		99	0.2	11.5	51	135.5	
F060813		89	0.2	11.3	78	131.5	
F060814		84	0.2	13.8	52	146.5	
F060815		82	0.2	12.3	47	143.5	
F060816		96	0.2	11.6	80	135.0	
F060817		160	0.3	13.4	140	90.3	
F060818		156	0.3	18.0	59	134.5	





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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F060819		2.91	0.002	0.35	8.26	15.4	80	0.60	0.03	4.44	0.08	29.9	30.4	194	0.27	54.8
F060820		1.09	0.002	<0.01	0.17	0.3	20	0.06	<0.01	34.4	<0.02	0.96	1.0	3	<0.05	2.4
F060821		3.25	0.002	0.38	8.28	13.5	80	0.61	0.04	4.59	0.12	33.7	29.9	199	0.26	59.1
F060822		4.40	0.002	0.49	6.98	11.9	20	0.78	0.03	6.89	0.13	33.3	39.7	7	0.26	102.5
F060823		4.64	0.001	0.21	8.96	33.9	830	0.74	0.03	1.56	0.03	57.8	14.8	107	2.41	36.8
F060824		4.62	0.003	0.23	7.57	16.2	450	0.69	0.06	2.57	0.04	46.3	18.5	80	1.84	39.4
F060825		4.89	0.003	0.42	7.96	17.8	150	0.46	0.04	5.63	0.12	31.4	35.3	159	0.60	81.2
F060826		4.80	0.002	0.19	7.87	17.2	480	0.70	0.10	2.31	0.04	44.6	12.8	134	1.71	37.8
F060827		4.59	0.001	0.12	8.54	4.0	470	0.79	0.02	1.63	0.03	51.3	16.9	151	1.87	37.7
F060828		3.20	0.003	0.26	8.24	16.6	600	0.74	0.07	2.71	0.06	46.0	17.6	134	1.90	46.5
F060829		2.28	0.003	0.29	7.53	7.9	100	0.71	0.04	3.38	0.10	39.8	24.7	249	0.30	55.8
F060830		<0.02	0.002	0.36	7.62	7.1	100	0.70	0.04	3.50	0.06	39.2	27.0	245	0.30	58.4
F060831		2.77	0.002	0.28	7.45	4.7	70	0.68	0.06	3.62	0.07	35.8	27.5	265	0.22	50.1
F060832		3.39	0.002	0.17	8.22	6.0	440	0.71	0.03	2.87	0.04	44.8	21.2	150	1.26	43.3
F060833		4.73	0.002	0.15	7.85	10.6	430	0.59	0.05	1.74	0.02	42.7	19.3	148	1.46	40.3
F060834		5.00	0.002	0.20	8.16	16.6	390	0.84	0.04	3.04	0.06	43.5	20.8	166	1.27	47.6
F060835		4.51	0.002	0.29	8.46	42.1	470	0.78	0.06	1.68	0.07	47.3	18.7	179	1.68	49.3
F060836		5.00	0.002	0.22	8.12	45.9	400	0.74	0.05	1.52	0.06	51.8	24.8	173	1.56	41.6
F060837		4.70	0.003	0.18	8.22	12.4	370	0.80	0.08	2.04	0.02	47.7	26.9	107	1.42	62.6
F060838		4.84	0.002	0.11	8.02	17.2	370	0.90	0.05	3.27	0.04	38.6	19.0	115	1.06	32.7
F060839		4.57	0.002	0.05	8.20	12.2	410	0.76	0.07	2.68	0.02	43.0	15.8	56	1.03	28.4
F060840		0.11	1.050	71.8	6.69	52.9	160	1.28	2.65	2.01	17.40	27.1	22.6	130	2.19	7560
F060841		2.76	0.002	0.09	7.77	36.7	340	0.81	0.03	2.23	0.04	44.6	15.8	68	0.75	32.4
F060842		2.43	0.003	0.51	7.31	57.4	20	0.51	0.03	6.85	0.19	26.8	47.2	26	0.30	226
F060843		4.30	0.001	0.47	7.69	76.5	20	0.70	0.04	6.74	0.23	25.9	56.7	27	0.30	180.5
F060844		2.76	0.001	0.04	8.19	54.0	380	0.86	0.02	2.17	0.03	43.7	12.0	11	0.84	17.4
F060845		5.23	0.002	0.09	7.63	31.2	330	0.79	0.06	3.56	0.03	33.1	15.9	55	0.85	37.4
F060846		4.95	0.002	0.18	7.57	11.8	390	0.64	0.04	4.36	0.04	28.5	18.7	154	0.70	72.9
F060847		5.09	0.002	0.11	7.85	13.3	230	0.71	0.05	5.41	0.03	37.9	27.0	144	0.49	54.0
F060848		4.87	0.002	0.12	7.68	5.3	330	0.72	0.09	3.53	0.03	36.2	23.3	155	1.20	81.4
F060849		4.77	0.002	0.10	7.90	4.0	290	0.80	0.05	3.26	0.02	39.9	24.7	157	1.12	64.9
F060850		1.24	0.001	<0.01	0.14	0.2	20	0.06	<0.01	34.8	<0.02	1.01	0.9	2	<0.05	2.1
F060851		5.33	0.003	0.13	7.77	7.1	330	0.72	0.07	4.10	0.03	35.7	22.9	154	0.88	51.7
F060852		4.94	0.003	0.16	7.92	9.1	320	0.66	0.05	4.87	0.04	37.5	23.7	146	0.60	51.4
F060853		4.99	0.003	0.18	7.26	17.0	320	0.68	0.07	5.12	0.04	30.0	24.8	151	0.75	53.3
F060854		4.92	0.003	0.17	7.96	13.6	340	0.61	0.05	3.64	0.05	33.9	21.1	163	1.05	47.8
F060855		2.82	0.004	0.18	7.62	20.7	310	0.58	0.03	2.46	0.07	35.0	19.8	147	1.25	44.1
F060856		3.50	0.002	0.18	7.50	16.2	680	0.58	0.03	2.47	0.07	38.2	20.5	140	1.75	46.0
F060857		4.00	0.003	0.14	7.95	5.6	70	0.57	0.04	5.87	0.08	48.7	39.2	373	0.27	54.5
F060858		2.42	0.003	0.10	7.42	4.2	70	0.61	0.04	4.79	0.07	53.7	46.3	544	0.43	48.4



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060819		5.39	14.80	0.15	2.2	0.038	0.05	13.9	81.3	3.68	1290	0.53	2.50	3.4	168.0	470
F060820		0.17	0.46	0.09	0.1	<0.005	0.01	1.0	1.3	1.36	81	0.06	0.09	0.1	0.5	70
F060821		5.50	15.25	0.07	2.4	0.039	0.05	14.6	60.0	3.81	1080	0.57	2.76	3.4	178.5	460
F060822		11.60	23.7	0.11	2.9	0.105	<0.01	13.2	32.6	2.33	2270	0.58	1.45	8.8	28.0	880
F060823		1.54	20.4	0.20	3.5	0.044	3.22	25.3	30.9	0.94	559	0.91	0.91	6.6	50.9	1010
F060824		2.37	18.30	0.20	3.3	0.033	2.40	19.3	36.4	1.04	663	0.68	0.86	6.1	47.7	920
F060825		5.82	17.65	0.09	2.1	0.048	0.64	12.8	53.0	2.91	1925	0.48	0.87	3.7	77.7	660
F060826		2.90	18.35	0.16	2.9	0.037	2.29	21.2	33.7	0.98	889	0.92	0.47	5.3	39.0	790
F060827		4.04	19.60	0.18	3.2	0.036	2.81	23.4	46.5	1.23	1615	0.60	0.25	6.2	62.1	1000
F060828		3.70	19.25	0.17	3.3	0.038	2.67	20.5	40.9	1.35	1280	0.77	0.26	6.0	68.4	990
F060829		4.26	15.40	0.10	3.2	0.031	0.10	18.0	68.0	4.01	1310	0.84	2.58	4.5	229	550
F060830		4.24	15.10	0.15	3.0	0.033	0.10	18.6	71.5	4.06	1315	0.79	2.65	4.6	233	550
F060831		4.21	15.00	0.13	3.0	0.031	0.05	17.4	65.1	4.05	1000	0.89	2.59	4.5	235	530
F060832		5.32	17.90	0.15	2.8	0.040	1.84	20.4	45.2	1.65	1295	0.58	0.64	5.5	77.6	940
F060833		4.16	16.15	0.15	2.6	0.035	2.46	20.2	36.7	1.14	907	3.69	0.27	4.6	74.2	870
F060834		3.05	19.95	0.16	3.2	0.042	2.16	18.6	50.4	1.30	886	0.63	0.36	5.8	80.6	950
F060835		2.14	19.95	0.15	3.4	0.038	2.60	21.1	59.0	0.90	427	0.51	0.62	4.8	75.5	900
F060836		2.97	20.6	0.18	3.5	0.034	1.93	23.5	89.1	1.16	672	1.40	0.76	4.2	90.6	920
F060837		4.23	19.50	0.16	3.3	0.036	1.88	22.2	60.3	0.95	860	0.75	0.76	4.3	56.8	870
F060838		4.13	20.3	0.15	3.5	0.031	1.71	16.5	41.8	0.86	951	0.80	1.35	5.2	58.1	890
F060839		3.63	20.2	0.16	3.4	0.026	1.91	20.3	25.7	0.70	759	0.83	1.75	5.0	39.7	890
F060840		5.41	17.60	0.15	0.9	0.212	2.45	12.0	14.6	2.10	774	279	1.73	8.4	148.0	690
F060841		3.76	20.7	0.15	3.4	0.026	1.20	21.2	31.6	1.04	815	1.11	2.41	5.1	47.5	780
F060842		10.25	20.9	0.11	2.4	0.075	0.01	11.2	22.0	2.75	1855	0.74	1.49	6.3	80.1	590
F060843		11.95	22.5	0.07	2.3	0.088	0.02	9.7	20.7	3.18	1885	0.44	1.85	7.0	85.9	610
F060844		3.41	19.95	0.11	3.3	0.027	1.41	21.1	22.7	0.78	685	0.85	2.47	5.1	22.7	780
F060845		3.88	19.85	0.10	3.2	0.029	1.44	13.9	32.5	0.81	984	0.79	1.66	5.2	36.0	760
F060846		4.08	18.45	0.12	3.0	0.034	1.14	11.9	34.8	0.96	970	0.88	1.92	5.8	58.1	820
F060847		5.04	18.70	0.10	3.1	0.035	0.55	17.3	48.0	1.40	1110	0.50	2.09	6.0	77.6	760
F060848		4.96	18.15	0.10	3.0	0.036	1.66	16.2	38.7	0.99	1085	0.71	0.60	5.8	57.6	760
F060849		5.27	18.55	0.10	3.0	0.034	1.45	17.8	41.2	0.98	1170	0.82	0.69	5.9	83.1	760
F060850		0.17	0.48	0.07	<0.1	0.007	0.02	1.2	1.6	1.82	83	<0.05	0.06	0.1	0.5	70
F060851		4.76	18.30	0.10	3.1	0.038	1.21	15.8	38.4	1.08	988	0.52	1.23	5.9	74.8	750
F060852		4.34	18.60	0.11	3.2	0.040	0.68	16.9	44.4	1.65	855	0.77	1.96	5.9	73.7	770
F060853		3.46	19.35	0.11	3.2	0.036	0.98	12.6	29.6	0.88	707	0.82	1.94	6.2	79.9	790
F060854		2.90	19.15	0.10	3.4	0.030	1.43	14.7	29.1	0.82	462	0.66	1.59	6.0	54.7	840
F060855		4.41	17.35	0.10	3.0	0.024	1.80	15.9	32.8	0.92	526	0.52	0.89	5.2	74.6	800
F060856		3.30	17.35	0.11	2.9	0.028	2.21	16.8	25.1	0.93	672	0.64	0.62	5.5	70.0	770
F060857		6.38	14.50	0.11	2.4	0.042	0.05	22.3	43.4	5.84	1395	0.56	1.74	4.6	258	1050
F060858		6.47	13.90	0.10	2.6	0.045	0.07	25.3	43.2	7.45	1080	0.44	2.20	4.3	389	1010



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F060819		11.5	0.6	<0.002	0.09	3.45	19.8	<1	0.7	332	0.27	<0.05	2.38	0.333	0.02	0.8
F060820		<0.5	0.2	<0.002	0.01	<0.05	0.5	<1	<0.2	84.7	<0.05	<0.05	0.06	0.018	<0.02	0.2
F060821		16.8	1.0	<0.002	0.15	3.21	19.3	<1	0.7	318	0.29	<0.05	2.78	0.335	0.02	0.8
F060822		9.0	0.2	0.002	0.38	5.61	20.1	1	1.4	382	0.56	<0.05	1.11	1.390	<0.02	0.3
F060823		5.9	95.4	<0.002	0.26	2.34	15.3	<1	1.1	87.8	0.44	<0.05	3.70	0.428	1.18	0.9
F060824		7.3	56.8	<0.002	1.30	3.20	13.2	<1	0.8	102.5	0.40	<0.05	3.13	0.362	0.87	0.7
F060825		8.5	16.4	<0.002	0.40	6.87	27.0	1	0.7	181.5	0.27	<0.05	1.91	0.422	0.21	0.5
F060826		6.0	66.2	<0.002	1.03	3.37	13.7	<1	0.8	96.1	0.34	<0.05	2.93	0.347	0.87	0.8
F060827		4.0	79.3	<0.002	0.31	2.70	14.9	<1	0.8	80.8	0.41	<0.05	3.24	0.400	0.97	0.8
F060828		6.8	65.8	<0.002	0.84	4.95	15.0	<1	0.8	134.0	0.42	<0.05	3.03	0.389	0.93	0.8
F060829		6.8	2.8	<0.002	0.19	2.39	14.0	<1	0.8	199.5	0.40	<0.05	4.27	0.314	0.04	1.3
F060830		6.7	2.1	<0.002	0.16	2.04	15.6	<1	0.8	207	0.38	<0.05	4.11	0.322	0.03	1.3
F060831		15.8	0.7	<0.002	0.05	1.99	16.0	<1	0.7	225	0.36	<0.05	3.89	0.313	0.02	1.3
F060832		4.3	43.8	<0.002	0.14	3.27	15.6	<1	0.9	185.5	0.37	<0.05	2.75	0.471	0.54	0.6
F060833		4.2	60.7	<0.002	0.95	2.36	13.5	<1	0.7	73.5	0.32	<0.05	2.80	0.350	0.75	0.7
F060834		5.5	39.8	<0.002	1.05	4.60	15.5	1	0.9	124.5	0.38	<0.05	2.73	0.390	0.71	0.6
F060835		7.7	62.4	<0.002	1.73	3.31	16.6	<1	0.8	131.0	0.32	<0.05	3.11	0.358	0.85	0.8
F060836		6.7	52.0	<0.002	1.81	2.52	15.2	1	0.8	156.5	0.29	<0.05	3.50	0.292	0.71	0.9
F060837		6.0	47.7	<0.002	1.57	2.15	13.5	<1	0.8	153.5	0.30	<0.05	3.19	0.294	0.59	0.8
F060838		9.9	37.2	<0.002	0.70	1.73	13.1	<1	0.8	228	0.35	<0.05	2.68	0.345	0.48	0.6
F060839		5.8	49.4	<0.002	0.79	1.75	9.6	<1	0.8	230	0.37	<0.05	3.52	0.341	0.45	0.8
F060840		1590	71.4	0.122	2.55	140.0	8.7	6	5.0	375	0.58	0.48	4.31	0.258	1.52	1.8
F060841		5.7	32.7	<0.002	0.19	2.20	9.0	1	0.8	196.0	0.34	<0.05	3.75	0.310	0.29	0.9
F060842		9.0	0.3	<0.002	0.31	6.49	20.4	1	1.0	325	0.40	<0.05	1.12	0.916	<0.02	0.3
F060843		11.3	0.3	0.002	0.19	5.77	23.0	1	1.1	343	0.41	<0.05	0.84	1.060	<0.02	0.2
F060844		4.6	39.0	<0.002	0.04	1.89	8.1	1	0.8	189.5	0.36	<0.05	3.62	0.345	0.29	0.9
F060845		4.9	27.0	<0.002	0.07	1.85	9.0	<1	0.7	249	0.38	<0.05	2.71	0.319	0.35	0.7
F060846		5.2	15.5	<0.002	0.12	1.49	12.8	<1	0.8	352	0.41	<0.05	2.03	0.354	0.24	0.5
F060847		5.1	10.3	<0.002	0.45	1.35	16.3	<1	0.8	344	0.40	<0.05	2.85	0.327	0.13	0.6
F060848		6.1	33.6	<0.002	0.68	1.93	16.2	<1	0.9	186.5	0.41	<0.05	2.76	0.324	0.39	0.7
F060849		5.7	33.0	<0.002	0.43	1.77	16.8	<1	0.9	194.0	0.41	<0.05	2.86	0.332	0.35	0.7
F060850		<0.5	0.6	<0.002	0.01	<0.05	0.5	1	<0.2	87.8	<0.05	<0.05	0.06	0.013	<0.02	0.1
F060851		5.6	22.9	<0.002	0.54	1.66	15.4	<1	0.9	295	0.42	<0.05	2.67	0.327	0.29	0.7
F060852		5.7	13.2	<0.002	0.68	1.32	15.2	1	0.9	379	0.43	<0.05	3.01	0.332	0.20	0.7
F060853		6.3	15.1	<0.002	1.45	1.94	13.9	<1	0.9	345	0.42	<0.05	2.19	0.338	0.29	0.6
F060854		6.8	30.1	<0.002	2.25	1.85	13.3	<1	0.9	276	0.43	<0.05	2.64	0.349	0.48	0.6
F060855		7.4	41.7	<0.002	4.16	2.03	14.5	<1	0.7	200	0.37	<0.05	2.76	0.316	0.57	0.6
F060856		6.4	57.8	<0.002	2.07	2.10	14.4	<1	0.7	183.0	0.38	<0.05	2.88	0.314	0.67	0.7
F060857		11.0	0.4	<0.002	0.13	3.25	23.5	<1	0.6	594	0.31	<0.05	3.43	0.436	0.02	0.9
F060858		6.0	1.3	<0.002	0.10	2.09	23.4	<1	0.6	367	0.29	<0.05	4.05	0.414	<0.02	1.0



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Cu % 0.001
F060819		121	0.3	11.7	120	86.9	
F060820		3	<0.1	2.3	<2	2.2	
F060821		121	0.3	12.5	115	91.4	
F060822		334	0.2	30.5	151	117.5	
F060823		124	0.2	14.0	37	154.5	
F060824		100	0.2	11.9	41	141.0	
F060825		192	0.1	14.8	136	84.1	
F060826		101	0.2	13.9	45	127.0	
F060827		111	0.2	14.6	71	138.5	
F060828		109	0.2	12.8	60	137.5	
F060829		96	0.4	11.1	106	121.0	
F060830		96	0.4	11.3	107	121.5	
F060831		96	0.4	10.9	91	118.0	
F060832		134	0.2	13.3	77	113.0	
F060833		103	0.2	11.8	57	114.0	
F060834		118	0.2	13.0	58	137.5	
F060835		125	0.1	13.4	35	145.5	
F060836		112	0.2	11.3	55	145.5	
F060837		99	0.2	10.8	58	135.0	
F060838		101	0.3	10.0	64	132.5	
F060839		92	0.3	9.9	45	136.0	
F060840		107	12.9	10.7	3340	29.6	
F060841		81	0.3	10.0	57	141.0	
F060842		263	0.2	20.9	145	91.3	
F060843		314	0.2	23.8	156	98.7	
F060844		90	0.4	9.6	50	133.0	
F060845		85	0.3	8.2	60	134.0	
F060846		118	0.3	8.8	66	126.5	
F060847		111	0.2	11.1	79	133.0	
F060848		110	0.2	12.1	71	123.0	
F060849		112	0.2	11.6	76	130.0	
F060850		3	<0.1	2.4	<2	1.9	
F060851		112	0.3	11.2	72	125.0	
F060852		112	0.2	10.7	81	128.0	
F060853		114	0.2	8.8	54	137.5	
F060854		118	0.3	8.2	44	136.0	
F060855		110	0.3	8.5	57	121.0	
F060856		105	0.3	9.3	62	119.5	
F060857		159	0.4	12.7	121	99.6	
F060858		146	0.4	13.6	100	103.5	



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060859		4.47	0.003	0.11	7.14	3.9	80	0.52	0.04	5.01	0.08	54.1	47.2	583	0.39	44.3
F060860		<0.02	0.002	0.09	7.13	4.2	80	0.49	0.05	5.03	0.08	51.3	43.9	589	0.36	42.0
F060861		2.88	0.002	0.10	6.62	3.4	30	0.94	0.09	5.66	0.07	83.3	44.8	669	0.39	35.6
F060862		5.13	0.002	0.11	7.17	9.4	430	0.61	0.06	2.90	0.04	40.1	25.0	349	1.09	40.4
F060863		4.51	0.002	0.14	8.30	16.5	230	0.64	0.06	0.53	0.02	45.4	18.7	151	1.74	54.4
F060864		5.23	0.002	0.19	8.86	27.0	290	0.77	0.09	0.46	0.03	54.2	18.6	143	1.81	54.0
F060865		2.57	0.005	0.16	8.17	56.9	400	0.71	0.17	0.50	0.02	52.8	19.8	106	1.85	34.2
F060866		3.95	0.005	0.45	7.79	78.4	340	0.65	1.20	1.32	0.04	50.9	27.6	102	1.75	45.0
F060867		3.92	0.002	0.30	7.59	12.2	50	0.70	0.12	3.88	0.09	34.4	27.2	249	0.22	75.4
F060868		2.51	0.002	0.17	7.63	13.0	40	0.74	0.05	3.23	0.06	36.6	26.7	260	0.25	54.2
F060869		5.44	0.003	0.13	7.82	34.6	530	0.65	0.04	0.26	<0.02	43.6	19.4	83	2.13	23.6
F060870		0.11	6.52	87.4	7.18	440	2290	0.93	0.56	5.12	24.5	47.9	26.7	78	2.81	759
F060871		5.20	0.003	0.31	7.39	28.9	370	0.66	0.03	0.27	0.06	45.8	23.3	76	2.23	60.1
F060872		4.71	0.003	0.57	7.84	21.5	370	0.55	0.02	0.30	0.19	42.5	22.1	78	1.88	50.4
F060873		5.05	0.002	0.10	7.81	16.9	370	0.57	0.02	0.26	0.06	42.6	17.0	76	2.00	24.9
F060874		4.91	0.003	0.31	7.97	24.2	400	0.62	0.03	0.25	0.05	44.4	26.9	78	2.17	52.3
F060875		4.65	0.003	0.14	7.87	20.3	410	0.64	0.03	0.26	0.04	49.3	24.2	79	2.31	30.2
F060876		4.85	0.003	0.16	7.70	14.9	390	0.62	0.03	0.36	0.02	43.3	26.3	75	1.98	33.3
F060877		4.64	0.003	0.18	8.12	14.5	390	0.74	0.03	0.38	0.07	48.5	27.0	78	2.19	35.0
F060878		2.75	0.002	0.15	7.93	15.7	320	0.66	0.04	0.25	0.06	46.8	19.2	75	2.22	34.7
F060879		3.78	0.002	0.14	8.00	16.7	370	0.65	0.04	0.28	0.04	46.0	20.7	74	2.16	30.5
F060880		0.77	<0.001	<0.01	0.08	0.2	20	<0.05	<0.01	34.4	<0.02	1.08	0.7	2	0.05	0.9
F060881		1.40	0.002	0.24	7.02	12.9	<10	0.69	0.03	7.09	0.12	35.0	39.8	19	0.21	111.0
F060882		4.76	0.002	0.19	7.69	15.9	380	0.70	0.04	0.46	0.02	46.8	20.8	80	2.28	55.4
F060883		4.56	0.002	0.16	7.83	26.1	310	0.58	0.04	0.38	0.03	45.8	21.1	70	2.20	31.1
F060884		4.75	0.003	0.23	7.47	49.4	280	0.58	0.04	0.27	0.03	41.0	20.3	65	1.87	60.5
F060885		3.98	0.002	0.12	8.05	52.1	340	0.70	0.09	0.27	0.03	48.9	25.1	96	2.16	34.5
F060886		4.24	0.003	0.20	7.39	292	260	0.64	0.09	0.34	0.40	41.5	50.0	93	1.88	38.2
F060887		2.21	0.001	0.18	7.67	15.9	20	0.65	0.06	2.54	3.80	36.6	25.6	322	0.59	80.2
F060888		3.51	0.005	0.16	6.98	58.1	340	0.39	0.31	0.63	0.04	45.4	12.8	146	1.96	36.0
F060889		4.77	0.005	0.22	7.59	47.6	280	0.59	0.37	0.56	0.03	56.8	17.8	166	2.31	48.8
F060890		<0.02	0.005	0.20	7.73	49.1	280	0.60	0.37	0.57	0.02	55.3	18.6	164	2.28	50.0
F060891		5.17	0.003	0.22	7.90	30.2	250	0.58	0.29	0.79	0.05	56.1	19.6	168	2.47	59.9
F060892		4.94	0.004	0.21	7.73	38.3	260	0.44	0.53	0.65	<0.02	51.7	18.8	163	2.33	48.9
F060893		5.14	0.006	0.19	8.37	41.3	210	0.60	0.41	0.66	<0.02	55.4	22.1	171	2.30	56.0
F060894		4.43	0.004	0.17	8.30	41.2	220	0.53	0.69	0.48	0.04	47.8	23.2	168	1.88	57.8
F060895		4.76	0.004	0.14	8.40	36.7	160	0.46	0.39	0.28	0.03	52.3	20.9	180	1.38	44.7
F060896		4.13	0.003	0.15	7.85	30.4	180	0.43	0.44	0.30	<0.02	53.3	16.2	169	1.52	56.1
F060897		4.26	0.004	0.11	8.12	34.5	160	0.49	0.42	0.24	<0.02	51.3	15.9	139	1.47	43.1
F060898		5.23	0.006	0.09	7.40	36.8	220	0.54	0.10	0.25	<0.02	33.4	16.4	75	1.78	35.9



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060859		6.51	12.70	0.09	2.4	0.040	0.08	25.4	37.8	7.89	1080	0.42	2.17	4.0	424	990
F060860		6.42	12.05	0.09	2.3	0.040	0.08	24.6	35.7	7.75	1075	0.40	2.18	3.9	422	1000
F060861		6.29	14.40	0.12	2.8	0.045	0.06	38.7	40.8	7.04	1150	0.33	1.91	5.1	339	1320
F060862		4.88	15.35	0.09	2.6	0.033	1.46	17.7	44.3	2.90	1140	0.68	0.72	4.8	148.0	930
F060863		3.20	18.35	0.11	3.1	0.026	1.30	22.0	61.7	0.65	497	0.93	1.00	4.9	61.0	720
F060864		2.55	21.4	0.13	3.8	0.031	1.55	25.5	62.9	0.54	357	1.58	1.18	5.0	58.9	730
F060865		3.57	19.40	0.15	3.3	0.029	2.11	24.6	44.8	0.35	211	0.90	0.92	3.6	56.3	950
F060866		4.45	18.50	0.14	3.2	0.026	1.87	24.7	27.4	0.61	403	1.48	1.12	3.5	78.3	820
F060867		4.42	15.50	0.10	3.1	0.040	0.01	16.8	59.7	4.19	1110	0.75	2.18	4.7	239	540
F060868		4.57	16.00	0.08	3.1	0.052	0.02	17.7	69.7	4.22	1095	0.81	2.22	4.8	239	550
F060869		2.84	19.65	0.13	3.4	0.023	2.31	21.9	23.8	0.20	58	0.69	1.19	3.6	57.7	680
F060870		6.17	17.95	0.14	1.0	0.101	1.43	25.1	30.4	2.47	963	19.60	1.88	22.8	57.6	1330
F060871		2.51	21.9	0.16	3.7	0.025	1.74	22.4	35.5	0.20	73	1.10	1.44	3.7	71.4	660
F060872		2.31	18.80	0.12	3.2	0.028	1.67	20.5	29.7	0.19	76	1.00	1.81	2.8	67.9	680
F060873		2.28	19.35	0.14	3.3	0.025	1.75	20.4	31.7	0.17	69	0.66	1.67	2.8	51.6	690
F060874		2.97	19.40	0.14	3.2	0.026	1.95	21.5	31.6	0.20	87	0.56	1.44	2.8	74.3	710
F060875		2.45	22.1	0.14	3.8	0.026	1.98	24.3	35.1	0.21	110	0.68	1.50	3.5	67.4	700
F060876		2.02	18.90	0.13	3.3	0.023	1.79	20.9	36.4	0.30	166	0.63	1.58	2.9	68.2	680
F060877		1.91	20.5	0.15	3.4	0.029	1.92	24.4	37.5	0.25	132	0.62	1.62	3.2	69.4	720
F060878		1.83	20.1	0.15	3.5	0.032	1.79	23.0	40.6	0.20	89	0.57	1.36	3.2	51.7	710
F060879		1.69	20.5	0.15	3.4	0.032	1.91	22.9	40.1	0.23	95	0.64	1.29	3.3	50.2	720
F060880		0.10	0.32	0.12	<0.1	<0.005	0.03	1.3	1.2	1.49	87	<0.05	0.03	0.1	<0.2	70
F060881		11.25	24.7	0.11	2.7	0.103	<0.01	12.9	22.6	2.54	2200	0.58	0.01	8.8	40.2	860
F060882		2.53	20.0	0.14	3.4	0.031	1.77	22.6	42.8	0.34	146	0.72	1.35	3.4	55.0	690
F060883		3.73	18.95	0.13	3.2	0.030	1.76	22.4	36.1	0.21	87	0.79	1.16	3.0	57.8	700
F060884		6.20	17.55	0.10	2.9	0.020	1.65	20.3	22.9	0.19	58	0.78	1.04	2.3	59.8	770
F060885		3.10	19.80	0.11	3.4	0.021	1.86	23.6	23.0	0.22	58	2.75	1.14	2.9	74.7	780
F060886		3.60	17.85	0.11	3.1	0.048	1.49	19.8	22.4	0.08	29	24.8	1.15	2.5	200	750
F060887		4.77	15.50	0.11	3.2	0.060	0.05	17.9	153.0	4.45	1205	1.84	0.19	2.8	254	560
F060888		2.42	15.30	0.12	2.8	0.021	1.57	22.1	34.8	0.09	35	1.14	0.71	2.9	47.8	850
F060889		3.61	17.45	0.13	3.3	0.028	1.56	27.2	33.7	0.18	89	1.53	0.96	3.1	58.9	900
F060890		3.83	17.45	0.13	3.2	0.032	1.58	27.4	33.4	0.18	90	1.64	0.97	2.9	62.5	900
F060891		3.19	18.30	0.12	3.2	0.036	1.26	27.5	55.3	0.36	308	0.72	0.90	3.2	60.3	860
F060892		3.23	18.45	0.12	3.1	0.028	1.39	24.4	35.0	0.09	145	1.09	1.00	3.2	56.3	870
F060893		3.48	19.55	0.14	3.5	0.036	1.21	27.0	43.1	0.38	674	0.97	0.83	2.6	73.2	740
F060894		3.17	19.35	0.12	3.4	0.037	1.19	22.3	25.9	0.31	579	1.96	0.62	3.2	61.9	810
F060895		2.98	19.35	0.15	3.6	0.034	0.94	24.4	14.0	0.42	851	1.59	0.34	3.8	66.0	800
F060896		1.24	18.10	0.15	3.3	0.025	1.06	23.6	12.2	0.16	167	1.40	0.37	3.9	49.5	970
F060897		1.55	19.00	0.16	3.5	0.024	1.14	24.6	11.5	0.26	126	1.36	0.32	4.0	53.8	810
F060898		1.67	18.15	0.14	3.4	0.020	2.00	18.1	8.7	0.16	24	0.66	0.40	2.3	41.6	820



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F060859		7.0	1.3	<0.002	0.07	2.36	21.3	<1	0.6	459	0.26	<0.05	3.75	0.406	0.02	0.9
F060860		7.1	1.2	<0.002	0.07	2.24	20.6	1	0.5	466	0.26	<0.05	3.60	0.409	0.02	0.9
F060861		6.6	0.5	<0.002	0.14	2.01	20.7	<1	0.9	335	0.31	<0.05	6.22	0.392	<0.02	1.5
F060862		5.2	24.9	<0.002	0.41	1.45	16.0	<1	0.7	215	0.34	<0.05	3.02	0.339	0.58	0.7
F060863		5.8	43.0	<0.002	0.60	1.74	15.4	1	0.8	188.5	0.33	<0.05	3.33	0.273	0.61	0.9
F060864		7.3	56.5	<0.002	0.62	1.99	19.8	<1	0.9	177.0	0.35	<0.05	4.17	0.265	0.78	1.1
F060865		6.6	70.7	<0.002	3.18	2.12	13.4	<1	0.8	149.5	0.25	<0.05	4.11	0.218	1.06	1.1
F060866		19.5	63.3	<0.002	4.23	3.56	12.8	1	1.0	133.5	0.25	<0.05	3.58	0.217	1.02	0.9
F060867		16.4	0.2	<0.002	0.20	3.28	14.8	<1	0.7	257	0.39	<0.05	3.80	0.321	0.02	1.3
F060868		8.0	0.2	<0.002	0.41	3.10	15.5	<1	0.8	218	0.40	<0.05	3.88	0.320	<0.02	1.3
F060869		7.0	72.3	<0.002	2.97	2.38	8.8	<1	0.8	141.5	0.26	<0.05	3.29	0.218	1.05	0.9
F060870		2580	49.0	0.024	1.31	225	21.7	5	2.5	379	1.28	0.34	2.69	0.531	0.52	1.7
F060871		9.6	71.4	<0.002	2.53	3.50	9.6	<1	0.9	151.0	0.29	<0.05	3.47	0.195	0.89	0.9
F060872		8.0	60.4	<0.002	2.25	5.18	8.5	<1	0.7	157.5	0.21	<0.05	2.94	0.179	0.80	0.8
F060873		7.6	61.5	<0.002	2.27	2.54	8.3	<1	0.6	153.0	0.22	<0.05	3.06	0.172	0.75	0.9
F060874		8.1	67.0	<0.002	3.05	3.80	10.4	<1	0.8	136.5	0.21	<0.05	3.09	0.182	0.79	0.8
F060875		8.1	73.9	<0.002	2.32	2.87	10.5	<1	0.7	144.5	0.27	<0.05	3.46	0.194	0.92	1.0
F060876		6.5	57.8	<0.002	1.69	2.62	10.2	<1	0.7	139.5	0.22	<0.05	3.00	0.184	0.72	0.8
F060877		7.5	63.2	<0.002	1.72	2.94	11.3	<1	0.8	145.0	0.24	<0.05	3.27	0.203	0.79	0.9
F060878		7.8	60.7	<0.002	1.69	2.95	9.7	<1	0.7	134.0	0.24	<0.05	3.30	0.195	0.76	0.9
F060879		8.5	61.7	<0.002	1.43	2.93	10.3	<1	0.8	129.0	0.26	<0.05	3.32	0.201	0.79	0.9
F060880		<0.5	1.2	<0.002	<0.01	0.05	0.2	1	<0.2	88.3	<0.05	<0.05	0.10	0.005	<0.02	0.7
F060881		10.9	0.2	0.002	0.38	14.40	21.7	1	1.4	218	0.58	<0.05	1.08	1.265	<0.02	0.3
F060882		8.8	62.3	<0.002	2.32	3.11	12.3	<1	0.8	133.5	0.26	<0.05	3.27	0.189	0.82	0.9
F060883		7.2	59.0	<0.002	3.94	3.41	9.3	<1	0.7	116.0	0.22	<0.05	3.13	0.172	0.78	0.8
F060884		7.1	55.1	<0.002	6.73	3.79	9.0	<1	0.7	87.2	0.18	<0.05	2.92	0.135	0.85	0.8
F060885		7.8	63.2	<0.002	3.22	4.22	10.2	<1	0.7	86.0	0.22	<0.05	3.29	0.172	0.95	0.9
F060886		9.5	50.5	<0.002	4.04	6.97	9.4	<1	0.7	90.5	0.19	<0.05	2.96	0.151	1.57	0.8
F060887		7.8	1.8	<0.002	0.48	3.08	15.1	<1	0.8	81.6	0.27	<0.05	3.96	0.197	0.05	1.2
F060888		7.4	54.6	<0.002	2.58	4.11	11.9	1	1.0	88.8	0.21	<0.05	3.08	0.190	1.21	0.7
F060889		8.7	56.0	<0.002	3.89	4.55	11.8	<1	1.4	99.2	0.23	<0.05	3.47	0.199	1.01	0.9
F060890		8.5	56.4	<0.002	4.16	4.14	11.6	<1	1.4	98.9	0.21	<0.05	3.32	0.184	0.97	0.9
F060891		8.2	45.5	<0.002	2.87	3.83	13.1	<1	0.9	95.4	0.23	<0.05	3.48	0.206	0.70	0.9
F060892		8.8	50.5	<0.002	3.47	3.45	11.2	<1	1.0	92.6	0.23	<0.05	3.41	0.197	0.77	0.8
F060893		7.7	44.6	<0.002	2.87	2.63	15.6	<1	0.9	79.3	0.19	<0.05	3.73	0.163	0.76	0.9
F060894		7.1	44.2	<0.002	2.29	3.59	16.9	<1	0.9	59.4	0.23	<0.05	3.49	0.191	0.73	0.9
F060895		5.8	32.7	<0.002	1.07	3.45	17.1	<1	0.8	39.4	0.28	<0.05	3.73	0.227	0.59	0.9
F060896		5.1	35.8	<0.002	0.81	2.27	11.0	<1	0.7	41.7	0.28	<0.05	3.46	0.241	0.60	0.9
F060897		4.9	38.4	<0.002	1.16	2.14	11.6	<1	0.7	38.4	0.33	<0.05	3.81	0.239	0.56	1.0
F060898		5.2	69.1	<0.002	1.71	2.00	11.1	<1	0.6	47.8	0.22	<0.05	3.83	0.129	0.85	1.2



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V	W	Y	Zn	Zr	Cu
		ppm	ppm	ppm	ppm	ppm	%
		1	0.1	0.1	2	0.5	0.001
F060859		144	0.3	12.2	98	102.5	
F060860		144	0.4	11.4	96	95.4	
F060861		136	0.3	16.5	103	112.5	
F060862		122	0.3	11.6	107	109.5	
F060863		110	0.2	11.8	56	135.0	
F060864		117	0.3	13.3	45	157.5	
F060865		96	0.3	11.1	27	144.0	
F060866		86	0.3	9.5	32	128.0	
F060867		98	0.4	10.4	141	117.5	
F060868		99	0.4	10.8	192	123.5	
F060869		75	0.3	6.2	12	134.0	
F060870		209	16.4	14.4	4050	33.5	
F060871		68	0.2	6.1	22	150.5	
F060872		70	0.2	5.3	48	135.5	
F060873		69	0.2	5.7	23	136.5	
F060874		76	0.2	5.8	24	141.0	
F060875		74	0.2	6.2	21	153.0	
F060876		74	0.1	5.5	29	139.0	
F060877		79	0.2	6.0	27	148.5	
F060878		72	0.2	6.3	21	142.0	
F060879		75	0.2	6.3	18	137.5	
F060880		1	<0.1	2.1	2	1.7	
F060881		334	0.3	32.0	252	111.0	
F060882		73	0.2	6.5	27	141.5	
F060883		68	0.1	6.3	19	128.5	
F060884		64	0.1	5.5	15	121.5	
F060885		74	0.2	6.4	15	137.5	
F060886		72	0.3	5.5	70	130.0	
F060887		97	0.3	10.7	819	124.5	
F060888		90	0.3	8.1	9	120.5	
F060889		101	0.2	8.2	15	136.0	
F060890		102	0.2	8.3	16	135.0	
F060891		104	0.2	8.4	36	137.5	
F060892		101	0.1	7.9	9	134.5	
F060893		113	0.1	7.3	26	143.5	
F060894		111	0.2	7.6	29	139.5	
F060895		113	0.2	8.0	39	148.5	
F060896		105	0.2	6.7	9	132.5	
F060897		89	0.3	5.9	10	143.0	
F060898		60	0.2	4.1	4	126.5	





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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060899		4.34	0.009	0.08	7.47	37.4	220	0.71	0.17	0.25	<0.02	36.0	13.3	72	1.79	25.4
F060900		0.11	0.500	0.37	7.20	4.6	870	1.05	1.20	1.88	0.07	30.5	6.1	15	0.54	47.1
F060901		4.64	0.009	0.05	7.77	28.3	220	0.59	0.18	0.21	<0.02	40.6	12.7	100	1.75	28.4
F060902		4.75	<0.001	0.09	8.58	40.4	160	0.46	0.09	0.25	<0.02	58.5	17.4	192	1.92	41.8
F060903		4.40	0.010	0.10	9.12	42.7	150	0.40	0.09	0.23	0.02	59.2	16.2	206	1.79	58.1
F060904		4.21	0.007	0.11	8.25	21.6	70	0.87	0.06	2.48	0.06	59.2	10.0	98	1.06	30.0
F060905		4.78	0.004	0.17	6.28	14.7	<10	0.28	0.01	9.46	0.04	10.85	27.9	125	0.19	58.0
F060906		4.90	0.004	0.12	5.06	12.2	<10	0.28	0.01	12.85	0.09	3.45	26.7	127	0.16	58.6
F060907		4.56	<0.001	0.04	2.88	4.4	<10	0.17	<0.01	16.70	0.06	4.84	14.0	59	0.09	26.0
F060908		4.59	0.002	0.06	6.83	17.1	110	0.60	0.04	7.86	0.03	42.6	13.4	74	1.05	39.6
F060909		2.64	0.003	0.09	7.44	13.5	160	0.43	0.13	3.80	0.02	40.9	17.2	146	1.30	39.8
F060910		<0.02	0.004	0.09	7.53	13.6	160	0.46	0.12	3.68	0.02	44.5	17.4	141	1.33	37.1
F060911		3.03	0.004	0.16	8.08	16.5	300	0.50	0.25	2.29	0.03	51.2	19.5	169	2.03	77.8
F060912		4.36	0.003	0.08	7.10	6.3	140	0.76	0.02	4.28	0.06	38.5	19.4	5	0.50	22.8
F060913		5.18	0.005	0.09	7.15	6.7	210	0.74	0.04	3.90	0.04	38.4	22.3	7	0.77	34.0
F060914		2.32	0.002	0.16	8.62	34.5	530	0.73	0.10	1.05	0.02	54.7	15.4	167	2.63	67.0
F060915		4.27	0.005	0.17	5.20	28.2	10	0.37	0.03	11.95	0.14	14.60	33.0	100	0.53	74.3
F060916		4.96	0.004	0.17	4.12	11.1	<10	0.38	0.02	13.60	0.11	7.13	27.4	103	0.33	107.0
F060917		4.95	0.006	0.23	4.34	11.0	<10	0.38	0.02	13.25	0.09	3.15	30.0	115	0.28	214
F060918		4.74	0.005	0.33	6.42	24.8	20	0.43	0.02	10.15	0.13	3.44	28.4	156	0.39	214
F060919		5.19	0.004	0.06	5.44	25.2	10	0.37	0.04	10.85	0.05	4.95	36.8	138	0.32	83.4
F060920		<0.02	0.004	0.07	5.64	23.3	10	0.40	0.05	11.45	0.05	5.04	35.3	154	0.33	96.8
F060921		2.91	0.003	0.04	4.60	16.5	<10	0.38	0.06	12.40	0.06	14.30	25.7	90	0.24	57.8
F060922		5.02	0.002	0.01	6.71	14.5	60	0.47	0.02	8.22	0.04	27.4	16.2	54	0.39	6.2
F060923		5.04	0.002	0.01	6.54	11.3	60	0.35	0.02	6.92	0.03	24.0	14.2	61	0.35	7.9
F060924		5.29	0.006	<0.01	6.44	10.2	50	0.35	0.02	7.72	0.04	24.5	14.2	55	0.33	4.7
F060925		4.95	0.001	<0.01	6.47	11.3	50	0.40	0.02	8.12	0.03	24.7	15.9	59	0.23	2.1
F060926		4.88	0.003	0.01	6.09	12.9	90	0.39	0.02	8.08	0.04	22.9	15.2	51	0.48	8.5
F060927		4.83	0.002	<0.01	6.57	17.7	70	0.38	0.02	8.86	0.03	16.00	19.4	85	0.40	6.9
F060928		2.04	0.003	0.03	6.84	17.8	20	0.57	0.03	9.70	0.05	19.20	25.9	72	0.26	28.4
F060929		3.01	0.004	0.06	7.82	15.5	80	0.57	0.04	6.79	0.08	8.76	27.4	188	0.25	63.4
F060930		0.11	1.175	72.7	6.51	52.2	170	1.08	2.53	2.04	17.55	29.7	22.5	137	2.13	7340
F060931		4.91	0.003	0.17	6.48	16.1	40	0.43	0.02	11.45	0.09	4.73	28.8	117	0.33	59.5
F060932		4.74	0.005	0.09	7.78	20.2	30	0.44	0.02	8.86	0.12	6.03	40.5	159	0.29	145.0
F060933		4.74	0.006	0.12	5.69	14.3	20	0.35	0.03	11.80	0.12	5.57	36.1	108	0.31	235
F060934		4.66	0.003	0.03	5.96	13.3	20	0.33	0.03	12.00	0.06	7.46	35.7	103	0.24	58.1
F060935		4.65	0.005	0.13	5.36	25.1	20	0.29	0.03	13.70	0.14	4.25	38.4	97	0.26	187.0
F060936		4.84	0.008	0.17	7.22	55.8	90	0.39	0.04	8.67	0.15	5.75	35.4	155	0.52	137.0
F060937		5.01	0.006	0.27	7.21	49.1	40	0.35	0.05	10.65	0.18	5.74	34.3	137	0.33	204
F060938		4.51	0.004	0.17	6.00	19.3	110	0.43	0.04	10.15	0.13	18.20	31.2	162	0.50	88.5



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 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060899		1.86	19.15	0.12	3.3	0.017	2.00	19.3	7.8	0.18	26	0.71	0.40	2.6	50.7	850
F060900		2.28	14.25	0.14	2.1	0.032	1.73	15.6	3.8	0.50	672	2.46	3.28	6.2	10.4	490
F060901		1.80	19.40	0.13	3.6	0.021	1.90	20.7	10.4	0.29	29	0.74	0.39	3.0	42.5	650
F060902		2.90	21.3	0.12	3.8	0.021	1.18	27.2	11.4	0.18	24	0.67	0.37	3.2	54.3	860
F060903		1.74	21.1	0.08	4.0	0.018	1.25	27.9	18.5	0.09	19	0.77	0.39	4.0	43.9	730
F060904		2.15	20.4	0.11	3.4	0.035	0.55	28.4	151.0	1.75	350	0.49	0.38	5.3	32.9	600
F060905		7.03	12.60	0.07	1.0	0.043	<0.01	5.0	48.1	5.42	1570	0.11	<0.01	1.5	100.5	250
F060906		6.93	9.13	0.06	0.7	0.034	<0.01	1.3	16.0	6.32	1675	0.14	<0.01	0.8	101.5	130
F060907		5.86	5.55	0.05	0.5	0.016	<0.01	2.2	5.3	8.41	1990	0.12	<0.01	0.5	47.9	120
F060908		2.98	15.15	0.10	2.6	0.026	1.57	19.8	57.3	3.95	1260	0.41	0.10	4.5	40.0	550
F060909		3.99	17.20	0.12	3.0	0.032	2.24	18.9	44.9	1.78	1110	0.62	0.13	4.8	53.7	700
F060910		3.90	17.55	0.12	3.0	0.030	2.24	20.5	44.7	1.73	1065	0.64	0.13	4.8	53.8	690
F060911		3.53	18.75	0.12	3.3	0.030	3.24	24.5	33.0	1.27	597	0.79	0.15	5.1	62.4	610
F060912		5.65	15.05	0.12	3.0	0.045	0.46	18.3	36.1	1.25	1010	0.90	2.55	5.0	8.1	1120
F060913		5.45	15.10	0.12	3.2	0.044	0.73	17.9	34.7	1.29	879	1.00	2.55	4.9	9.7	1110
F060914		1.66	20.4	0.15	3.5	0.032	4.11	25.7	28.6	1.13	228	0.64	0.12	6.0	53.9	760
F060915		7.50	13.25	0.07	1.6	0.052	0.05	6.2	30.2	5.79	1430	0.28	0.37	3.2	73.1	390
F060916		6.92	7.96	0.05	0.8	0.039	0.02	3.2	25.9	6.81	1510	0.18	0.17	1.1	88.4	240
F060917		9.08	8.19	0.05	0.6	0.032	0.01	1.3	25.5	7.20	2060	0.21	0.08	0.7	119.5	150
F060918		7.37	12.00	0.06	0.8	0.041	0.11	1.2	60.4	5.85	1610	0.15	0.26	1.0	116.5	190
F060919		9.00	10.60	<0.05	0.9	0.052	0.04	1.9	48.3	6.71	1585	0.18	0.08	1.3	123.0	290
F060920		9.35	10.65	<0.05	0.9	0.052	0.04	1.9	49.5	7.01	1670	0.22	0.09	1.3	128.5	300
F060921		7.67	9.81	0.06	1.4	0.035	0.02	6.3	37.3	6.40	1395	0.26	0.02	2.4	70.7	420
F060922		4.27	14.60	0.07	2.1	0.020	0.36	13.5	34.1	4.80	792	0.26	0.26	3.0	60.0	520
F060923		4.00	15.15	0.09	2.1	0.022	0.40	11.0	37.6	4.38	755	0.31	0.23	3.0	61.1	480
F060924		4.18	14.20	0.07	2.1	0.019	0.36	11.2	37.9	4.58	767	0.22	0.17	3.0	56.5	480
F060925		4.42	14.40	0.07	2.1	0.022	0.27	11.1	30.9	4.75	828	0.26	0.21	3.1	64.1	510
F060926		4.57	13.15	0.08	2.0	0.022	0.55	10.7	44.1	4.98	937	0.19	0.18	2.9	61.6	460
F060927		5.66	13.10	0.07	1.7	0.033	0.41	7.3	51.7	5.54	1140	0.17	0.12	2.4	78.6	420
F060928		6.70	13.80	0.07	1.2	0.042	0.05	7.8	42.2	4.89	1365	0.28	1.19	2.9	56.6	480
F060929		8.18	17.75	0.09	1.2	0.056	0.28	3.5	50.6	4.79	1535	0.16	0.27	2.4	98.3	300
F060930		5.13	16.70	0.11	0.9	0.216	2.27	13.7	13.7	2.03	755	268	1.61	7.6	144.0	680
F060931		6.48	12.00	0.06	0.7	0.046	0.28	1.7	50.1	6.21	1735	0.49	0.08	1.5	92.4	170
F060932		6.34	15.35	0.07	1.0	0.055	0.30	2.1	47.3	4.64	1560	0.24	0.22	1.9	125.0	200
F060933		6.53	10.75	0.05	0.8	0.046	0.25	2.2	40.6	6.38	1845	0.46	0.02	1.3	106.5	130
F060934		7.21	11.05	0.05	0.8	0.038	0.08	3.0	42.2	6.56	1590	0.18	0.19	1.6	102.5	240
F060935		6.48	9.89	<0.05	0.7	0.048	0.16	1.6	35.3	6.15	2050	0.25	0.03	1.2	111.0	170
F060936		7.20	13.50	0.05	0.9	0.057	0.61	2.1	38.1	5.20	1820	0.20	0.13	1.6	121.0	170
F060937		7.28	13.15	0.07	0.8	0.048	0.26	2.1	39.5	5.71	1885	0.20	0.08	1.7	116.5	190
F060938		6.69	11.55	0.06	1.3	0.045	0.45	7.7	41.5	6.50	1645	0.22	0.33	2.0	119.0	300



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F060899		4.7	70.0	<0.002	1.95	1.88	10.5	<1	0.6	49.9	0.24	<0.05	3.87	0.139	0.73	1.2
F060900		10.4	41.5	<0.002	0.04	0.75	7.4	<1	1.1	202	0.44	0.26	3.09	0.203	0.19	1.3
F060901		4.1	63.0	<0.002	1.76	1.27	10.1	<1	0.7	55.5	0.27	<0.05	4.02	0.169	0.65	1.2
F060902		4.0	35.4	<0.002	3.17	2.33	14.7	<1	0.7	59.8	0.26	<0.05	4.08	0.192	0.49	1.0
F060903		3.7	35.7	<0.002	1.83	2.68	13.2	<1	0.7	55.5	0.31	<0.05	4.26	0.249	0.51	1.0
F060904		3.4	10.6	<0.002	0.61	2.37	8.9	<1	0.9	91.9	0.42	<0.05	4.61	0.206	0.21	0.9
F060905		1.6	0.2	<0.002	0.04	1.95	27.1	1	0.4	28.0	0.11	<0.05	0.64	0.303	<0.02	0.2
F060906		1.1	0.1	<0.002	0.05	0.77	24.9	1	0.3	20.0	0.06	<0.05	0.11	0.258	<0.02	0.1
F060907		0.5	0.1	<0.002	0.11	0.70	11.8	1	<0.2	24.8	<0.05	<0.05	0.27	0.107	<0.02	0.1
F060908		2.1	35.9	<0.002	0.27	0.76	9.4	<1	0.7	37.7	0.33	<0.05	3.19	0.215	0.36	0.6
F060909		3.9	36.3	<0.002	2.84	1.95	13.0	<1	0.8	107.5	0.34	<0.05	2.81	0.300	0.47	0.8
F060910		3.9	39.9	<0.002	2.78	1.90	13.4	<1	0.8	109.0	0.35	<0.05	2.97	0.297	0.46	0.8
F060911		4.0	71.6	<0.002	2.29	1.42	13.8	<1	1.1	72.8	0.37	<0.05	3.40	0.321	0.65	0.7
F060912		6.2	12.7	<0.002	0.22	2.37	26.0	<1	0.6	221	0.37	<0.05	3.22	0.489	0.09	0.9
F060913		4.7	20.9	<0.002	0.35	1.97	27.3	<1	0.7	161.0	0.38	<0.05	3.34	0.476	0.16	0.9
F060914		5.5	103.0	<0.002	0.20	1.50	17.7	<1	1.1	29.8	0.40	<0.05	3.45	0.361	0.64	0.9
F060915		3.2	1.5	<0.002	0.20	1.72	21.5	<1	0.6	82.7	0.20	<0.05	0.63	0.489	<0.02	0.2
F060916		1.4	0.5	<0.002	0.05	0.80	18.6	<1	0.3	54.9	0.07	<0.05	0.31	0.217	<0.02	0.1
F060917		0.8	0.2	<0.002	0.21	1.21	23.4	1	0.2	38.2	<0.05	<0.05	0.12	0.230	<0.02	0.1
F060918		1.9	3.7	<0.002	0.08	1.64	33.1	1	0.3	50.3	0.06	<0.05	0.10	0.334	0.03	0.1
F060919		0.9	1.3	<0.002	0.38	0.94	27.2	1	0.4	36.8	0.08	0.05	0.18	0.327	<0.02	0.1
F060920		1.0	1.3	<0.002	0.40	0.98	27.0	1	0.4	37.4	0.10	<0.05	0.18	0.343	<0.02	0.1
F060921		1.4	0.7	<0.002	0.45	1.57	15.9	<1	0.5	65.2	0.15	<0.05	0.72	0.285	<0.02	0.2
F060922		3.7	11.0	<0.002	<0.01	2.66	7.0	<1	0.6	212	0.22	<0.05	1.78	0.209	0.08	0.4
F060923		3.3	9.1	<0.002	<0.01	2.42	6.8	<1	0.6	145.5	0.21	<0.05	1.73	0.208	0.09	0.4
F060924		3.2	8.7	<0.002	<0.01	2.16	6.9	<1	0.5	188.0	0.21	<0.05	1.69	0.206	0.08	0.3
F060925		3.8	5.3	<0.002	<0.01	2.54	6.8	<1	0.6	245	0.22	<0.05	1.70	0.216	0.06	0.4
F060926		2.3	16.4	<0.002	<0.01	1.67	6.4	<1	0.6	151.0	0.21	<0.05	1.64	0.198	0.11	0.3
F060927		1.8	11.7	<0.002	<0.01	1.32	16.4	1	0.5	109.5	0.17	<0.05	1.06	0.275	0.06	0.2
F060928		1.8	1.6	<0.002	0.04	0.93	23.1	1	0.5	145.0	0.19	<0.05	0.93	0.436	0.02	0.3
F060929		3.6	4.8	<0.002	0.08	2.00	31.0	1	0.5	139.0	0.16	0.06	0.41	0.456	0.06	0.1
F060930		1545	82.5	0.118	2.38	135.5	8.5	7	4.9	357	0.50	0.45	4.89	0.232	1.45	2.0
F060931		2.4	9.5	<0.002	0.02	1.57	32.3	1	0.4	51.2	0.11	<0.05	0.14	0.350	0.04	<0.1
F060932		2.9	7.4	<0.002	0.02	3.24	38.0	1	0.4	71.6	0.12	<0.05	0.16	0.423	0.05	0.1
F060933		1.5	8.1	<0.002	0.03	1.32	28.3	1	0.4	33.9	0.09	<0.05	0.13	0.307	0.04	0.1
F060934		1.2	2.4	<0.002	0.05	1.18	25.4	1	0.4	57.3	0.11	<0.05	0.27	0.331	<0.02	0.1
F060935		1.4	5.5	<0.002	0.10	2.03	24.5	1	0.3	50.1	0.08	<0.05	0.11	0.282	0.04	0.1
F060936		2.5	18.0	<0.002	0.16	4.29	34.6	1	0.5	83.1	0.11	<0.05	0.15	0.396	0.15	0.1
F060937		3.0	8.3	<0.002	0.08	4.76	34.9	<1	0.5	93.9	0.11	<0.05	0.16	0.390	0.06	0.1
F060938		2.0	14.9	<0.002	0.09	1.38	24.8	<1	0.5	94.3	0.13	<0.05	0.94	0.320	0.09	0.3



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To: NORTHERN DOMINION METALS/CROSS RIVER  
 VENTURE  
 1430-800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V	W	Y	Zn	Zr	Cu
		ppm	ppm	ppm	ppm	ppm	%
		1	0.1	0.1	2	0.5	0.001
F060899		53	0.2	4.3	3	132.0	
F060900		38	19.7	20.1	47	64.8	
F060901		65	0.2	4.9	4	139.5	
F060902		117	0.2	6.7	2	158.0	
F060903		122	0.2	6.0	<2	159.5	
F060904		69	0.3	8.9	51	128.0	
F060905		177	0.2	10.8	116	39.4	
F060906		173	0.2	10.4	88	23.1	
F060907		78	0.1	4.1	72	19.1	
F060908		71	0.2	7.8	79	104.5	
F060909		102	0.3	10.5	50	122.5	
F060910		103	0.2	10.8	49	124.0	
F060911		110	0.3	9.6	38	130.5	
F060912		164	0.3	16.0	77	122.5	
F060913		170	0.5	15.8	75	123.0	
F060914		123	0.3	10.2	26	146.0	
F060915		191	0.3	16.3	96	69.4	
F060916		126	0.1	9.4	85	28.4	
F060917		163	0.1	10.2	80	20.7	
F060918		203	0.1	12.4	78	29.5	
F060919		180	0.1	12.4	88	31.5	
F060920		188	0.1	12.9	92	32.2	
F060921		113	0.1	11.0	76	55.6	
F060922		58	0.2	7.8	62	79.1	
F060923		58	0.2	7.0	57	77.2	
F060924		54	0.1	7.0	56	80.0	
F060925		56	0.2	7.1	57	79.8	
F060926		52	0.2	7.0	64	77.7	
F060927		113	0.2	9.2	64	55.4	
F060928		172	0.2	13.2	61	44.4	
F060929		251	0.2	13.2	69	46.2	
F060930		103	15.1	10.7	3310	27.7	
F060931		194	0.2	12.1	67	27.4	
F060932		232	0.1	13.2	69	30.0	
F060933		186	0.1	12.2	73	28.1	
F060934		178	0.1	11.8	81	26.7	
F060935		168	0.1	10.8	89	21.6	
F060936		222	0.1	12.8	152	27.2	
F060937		223	0.1	13.2	157	26.8	
F060938		175	0.2	13.6	95	41.9	



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060939		1.62	0.004	0.23	6.38	9.4	90	0.53	0.03	9.02	0.15	16.65	35.1	198	0.40	153.5
F060940		0.91	0.002	<0.01	0.07	0.2	10	0.05	<0.01	34.5	<0.02	0.93	0.8	2	<0.05	1.4
F060941		2.11	0.003	0.12	7.07	24.6	130	0.54	0.02	3.70	0.06	28.8	37.0	407	0.38	55.0
F060942		1.15	0.002	0.11	6.69	35.2	180	0.60	0.03	4.44	0.08	25.7	34.9	387	0.44	47.1
F060943		2.41	0.003	0.10	6.98	28.4	200	0.62	0.02	3.93	0.08	26.8	38.7	414	0.43	45.7
F060944		2.20	0.002	0.11	7.06	33.2	260	0.61	0.03	3.80	0.09	27.2	42.5	456	0.50	56.2
F060945		2.10	0.002	0.12	6.86	48.4	200	0.60	0.06	4.52	0.10	26.1	38.7	400	0.46	58.8
F060946		2.29	0.002	0.16	7.05	110.0	100	0.55	0.12	4.02	0.12	27.6	41.0	403	0.32	63.9
F060947		2.78	0.001	0.10	6.91	127.5	120	0.56	0.06	4.46	0.09	27.5	39.5	395	0.36	45.7
F060948		3.75	0.004	0.04	7.49	71.0	220	0.41	0.05	8.24	0.03	6.90	49.6	160	0.63	18.0
F060949		4.69	0.005	0.07	7.01	42.8	270	0.37	0.05	8.32	0.07	5.85	37.9	147	0.79	49.7
F060950		<0.02	0.004	0.08	7.07	44.5	270	0.43	0.04	8.51	0.08	6.21	38.3	148	0.86	46.5
F060951		4.65	0.003	0.07	6.62	27.6	40	0.35	0.04	8.33	0.09	5.72	40.9	159	0.20	66.9
F060952		5.42	0.004	0.08	6.28	24.7	20	0.39	0.04	11.10	0.09	5.12	38.6	119	0.18	83.5
F060953		1.90	0.005	0.10	7.05	38.4	30	0.31	0.03	10.10	0.15	6.69	43.7	138	0.24	95.8
F060954		4.60	0.006	0.17	7.65	27.9	50	0.54	0.06	7.39	0.17	12.05	50.9	142	0.44	131.5
F060955		2.31	0.006	0.20	7.44	13.8	60	0.66	0.09	6.55	0.22	21.3	43.4	92	1.55	169.5
F060956		2.29	0.004	0.19	6.79	3.2	50	0.63	0.09	6.88	0.18	24.5	48.7	61	1.87	194.0
F060957		5.34	0.006	0.18	7.26	25.1	80	0.41	0.06	7.43	0.19	9.31	46.4	147	0.57	157.5
F060958		5.08	0.004	0.12	6.56	29.7	110	0.44	0.06	8.65	0.11	10.35	42.1	160	0.54	87.5
F060959		4.96	0.004	0.17	7.59	26.4	50	0.49	0.05	7.79	0.20	6.22	49.9	179	0.25	134.5
F060960		0.11	6.36	86.3	7.24	447	3260	0.98	0.49	5.14	22.2	41.3	25.8	77	2.60	773
F060961		3.76	0.004	0.26	6.99	17.4	100	0.43	0.06	8.10	0.21	5.49	43.6	158	0.37	155.0
F060962		3.61	0.003	0.09	7.18	43.9	110	0.54	0.04	4.84	0.10	30.4	39.6	399	0.45	55.7
F060963		3.36	0.002	0.06	6.99	60.2	50	0.59	0.04	4.32	0.06	32.2	40.1	433	0.32	39.2
F060964		3.66	0.003	0.13	7.78	18.7	80	0.49	0.06	8.30	0.14	7.05	44.2	179	0.32	96.4
F060965		4.77	0.005	0.13	7.80	24.4	90	0.42	0.05	7.35	0.15	6.56	45.2	181	0.32	122.0
F060966		4.83	0.003	0.06	8.49	10.0	110	0.63	0.04	6.92	0.12	5.56	30.8	204	0.38	53.4
F060967		4.83	0.003	0.11	7.22	15.7	80	0.41	0.04	7.82	0.12	5.57	43.4	309	0.29	113.5
F060968		3.13	0.003	0.07	6.76	21.8	60	0.43	0.05	9.45	0.13	6.13	45.3	244	0.26	70.2
F060969		1.30	0.002	0.02	6.85	41.9	70	0.38	0.03	3.18	0.07	10.10	56.7	1155	0.37	5.2
F060970		1.49	0.001	0.04	0.23	<0.2	20	0.10	0.01	35.2	<0.02	0.97	1.4	6	<0.05	2.8
F060971		2.92	0.005	0.23	7.46	25.2	150	0.57	0.07	7.28	0.22	5.34	39.4	177	0.40	260
F060972		4.66	0.006	0.16	7.50	18.9	90	0.41	0.05	5.24	0.16	9.98	43.7	454	0.33	130.5
F060973		4.28	0.011	0.11	7.68	30.9	250	0.43	0.05	6.03	0.09	7.24	39.6	197	0.65	73.4
F060974		4.60	0.004	0.16	7.48	18.5	150	0.49	0.04	6.00	0.12	22.5	32.3	99	0.40	96.8
F060975		4.48	0.014	0.17	5.05	12.3	<10	0.38	0.02	14.45	0.11	4.73	30.4	84	0.22	114.5
F060976		4.51	0.003	0.04	5.20	11.9	<10	0.31	0.01	13.45	0.07	4.36	32.1	95	0.22	31.1
F060977		4.70	0.006	0.03	5.26	5.6	<10	0.33	0.01	13.10	0.07	4.88	24.8	95	0.21	24.5
F060978		4.57	0.005	0.07	4.81	1.5	<10	0.36	0.01	12.00	0.06	3.67	21.2	89	0.19	56.0



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060939		5.96	12.15	0.05	1.4	0.042	0.26	7.0	40.8	5.63	1355	0.29	1.11	2.3	150.0	290
F060940		0.13	0.22	0.05	<0.1	<0.005	0.01	1.1	1.2	1.23	90	0.08	0.03	0.1	0.4	60
F060941		5.04	13.45	0.09	2.4	0.034	0.26	13.8	40.0	6.16	981	0.50	2.17	3.2	356	460
F060942		4.49	12.80	0.11	2.1	0.027	0.39	11.8	36.3	5.55	880	0.93	2.03	2.9	330	430
F060943		4.97	13.30	0.13	2.2	0.027	0.38	13.0	36.1	6.25	910	0.49	2.20	2.9	360	450
F060944		5.05	13.95	0.11	2.3	0.029	0.55	13.4	37.9	6.59	950	0.48	2.08	2.9	389	440
F060945		4.78	13.35	0.13	2.2	0.027	0.43	12.8	38.4	6.06	918	0.46	2.02	2.9	355	440
F060946		4.94	13.80	0.12	2.3	0.048	0.24	13.6	43.0	6.09	991	0.49	2.12	3.1	360	470
F060947		5.07	13.70	0.12	2.3	0.036	0.31	13.2	40.0	5.93	1105	0.46	1.97	3.1	340	450
F060948		6.90	14.70	0.07	0.7	0.057	0.82	2.6	35.2	4.46	1490	0.12	0.73	1.8	133.5	190
F060949		6.76	13.55	0.07	0.7	0.057	1.20	2.2	41.1	4.73	1690	0.12	0.23	1.6	121.5	210
F060950		6.70	13.25	0.05	0.9	0.060	1.20	2.4	40.5	4.69	1690	0.10	0.23	1.6	121.0	210
F060951		7.10	13.75	0.06	0.6	0.052	0.26	2.2	31.1	4.80	1455	0.13	0.21	1.5	117.5	210
F060952		6.79	11.75	<0.05	0.9	0.058	0.16	1.9	16.0	6.00	1485	0.09	0.16	1.4	109.0	150
F060953		8.00	13.60	<0.05	1.0	0.052	0.23	2.5	29.2	5.91	1610	0.10	0.14	1.6	148.0	170
F060954		9.11	18.50	0.06	1.3	0.080	0.22	4.5	33.7	4.24	1610	0.25	1.04	3.7	125.5	390
F060955		9.76	20.8	0.09	2.2	0.086	0.37	8.1	18.8	3.51	1530	0.30	1.63	5.7	88.0	520
F060956		9.87	20.5	0.06	2.6	0.079	0.26	9.5	17.5	2.89	1530	0.53	2.11	6.4	74.0	620
F060957		8.32	15.35	0.05	0.9	0.059	0.43	3.5	26.3	4.29	1310	0.22	0.91	2.7	136.5	320
F060958		6.80	12.80	<0.05	1.0	0.047	0.57	4.5	24.8	5.11	1370	0.19	0.57	1.7	154.0	280
F060959		7.27	16.50	0.06	0.9	0.054	0.33	2.3	26.7	4.13	1555	0.14	0.16	2.0	153.0	220
F060960		6.26	17.00	0.13	0.9	0.097	1.46	21.8	26.8	2.49	975	17.20	1.90	20.0	53.7	1340
F060961		6.95	14.15	0.05	0.8	0.058	0.59	2.0	27.0	4.84	1620	0.17	0.17	1.7	133.5	200
F060962		5.32	13.90	0.10	2.2	0.035	0.35	14.7	38.7	6.31	1105	0.44	1.78	3.1	355	510
F060963		5.07	13.40	0.11	2.2	0.031	0.12	15.1	42.6	6.35	979	0.50	1.72	3.1	378	510
F060964		7.32	15.35	0.09	0.8	0.058	0.37	2.7	34.6	4.89	1525	0.15	0.30	1.9	143.0	250
F060965		7.61	16.25	0.07	0.8	0.058	0.44	2.5	30.1	4.42	1525	0.14	0.19	1.9	140.5	240
F060966		7.07	16.90	0.08	0.8	0.051	0.55	2.0	30.7	3.98	1350	0.14	0.34	2.0	104.0	240
F060967		7.16	14.20	0.05	0.8	0.048	0.41	2.1	38.4	5.65	1465	0.14	0.29	1.7	204	190
F060968		6.91	12.40	<0.05	0.9	0.049	0.28	2.3	31.5	6.26	1530	0.12	0.28	1.5	191.0	110
F060969		6.38	9.61	0.10	1.1	0.016	0.37	4.7	61.6	8.91	1550	0.27	0.57	1.3	529	200
F060970		0.16	0.57	0.05	0.1	<0.005	0.03	1.1	1.5	1.54	87	<0.05	0.12	0.2	2.4	90
F060971		6.73	15.30	<0.05	0.7	0.063	0.69	2.0	30.3	4.32	1400	0.16	0.58	1.8	112.5	200
F060972		6.94	13.75	0.07	1.4	0.032	0.39	4.4	37.6	5.31	1400	0.36	1.47	1.6	262	250
F060973		7.51	16.70	0.08	1.2	0.046	1.17	2.9	38.4	3.82	1390	0.24	1.01	1.9	141.5	280
F060974		6.12	14.85	0.09	2.0	0.039	0.57	10.2	28.6	3.09	1150	0.56	2.10	3.3	98.0	450
F060975		6.70	9.51	<0.05	0.8	0.046	0.02	1.9	39.0	6.72	1665	0.09	0.12	1.3	97.0	140
F060976		7.27	9.54	<0.05	0.7	0.039	0.01	1.7	41.3	7.03	1635	0.06	0.05	1.2	95.8	140
F060977		7.67	9.28	<0.05	0.7	0.035	0.02	1.9	21.5	6.93	1565	0.06	0.01	1.2	74.7	160
F060978		7.28	8.78	<0.05	0.7	0.034	0.01	1.3	9.8	6.81	1465	<0.05	0.01	1.2	63.5	150



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		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F060939		1.9	8.3	<0.002	0.03	0.70	25.0	1	0.6	156.5	0.14	<0.05	1.04	0.336	0.05	0.3
F060940		<0.5	0.2	<0.002	<0.01	<0.05	0.2	1	<0.2	84.7	<0.05	<0.05	0.05	0.005	<0.02	0.2
F060941		2.5	8.7	<0.002	0.01	0.80	16.7	<1	0.6	167.0	0.25	<0.05	2.43	0.286	0.05	0.7
F060942		5.4	13.1	<0.002	0.01	0.95	16.4	<1	0.5	170.0	0.25	<0.05	2.23	0.265	0.08	0.7
F060943		4.2	11.8	<0.002	0.02	0.84	17.8	<1	0.5	189.0	0.25	<0.05	2.31	0.276	0.08	0.7
F060944		4.3	16.9	<0.002	0.02	0.95	19.7	<1	0.6	203	0.25	<0.05	2.26	0.271	0.10	0.7
F060945		9.7	14.2	<0.002	0.02	0.81	17.8	<1	0.5	190.5	0.24	<0.05	2.29	0.266	0.09	0.7
F060946		15.4	7.7	<0.002	0.02	0.69	18.0	<1	0.5	163.0	0.26	<0.05	2.49	0.286	0.05	0.8
F060947		4.7	9.9	<0.002	0.02	0.86	20.0	<1	0.5	175.0	0.25	<0.05	2.37	0.285	0.06	0.7
F060948		2.6	19.7	<0.002	0.07	2.61	35.8	<1	0.5	221	0.12	<0.05	0.17	0.415	0.17	<0.1
F060949		1.7	30.7	<0.002	0.05	1.84	33.2	<1	0.5	79.7	0.12	<0.05	0.16	0.390	0.20	0.1
F060950		2.0	37.5	<0.002	0.05	1.76	34.1	<1	0.6	79.2	0.11	<0.05	0.17	0.384	0.19	<0.1
F060951		3.5	3.6	<0.002	0.01	3.33	35.4	1	0.4	74.2	0.11	<0.05	0.14	0.375	0.05	0.1
F060952		3.8	4.9	<0.002	0.01	3.25	31.5	<1	0.4	58.9	0.10	<0.05	0.14	0.335	0.03	<0.1
F060953		4.3	5.1	<0.002	0.02	3.26	35.7	<1	0.4	68.6	0.11	<0.05	0.16	0.389	0.04	<0.1
F060954		3.8	3.6	<0.002	0.14	2.24	35.2	<1	0.8	123.0	0.25	<0.05	0.37	0.667	0.06	0.1
F060955		5.9	16.3	0.002	0.17	2.94	28.2	1	0.8	280	0.39	<0.05	0.72	0.880	0.15	0.2
F060956		3.1	14.3	0.002	0.41	1.40	21.5	1	0.9	206	0.43	<0.05	0.79	0.956	0.17	0.2
F060957		4.8	8.2	<0.002	0.16	2.71	34.4	1	0.5	182.0	0.19	<0.05	0.29	0.511	0.10	0.1
F060958		3.6	16.2	<0.002	0.05	2.24	31.2	1	0.4	137.0	0.12	<0.05	0.47	0.353	0.10	0.2
F060959		5.3	5.7	<0.002	0.05	2.76	32.0	1	0.4	119.0	0.14	<0.05	0.17	0.455	0.06	0.1
F060960		2580	43.4	0.017	1.34	222	20.8	5	2.2	384	1.20	0.33	2.53	0.528	0.45	1.7
F060961		5.3	8.5	<0.002	0.04	2.40	37.9	1	0.4	90.5	0.11	0.06	0.15	0.411	0.10	<0.1
F060962		2.6	11.1	<0.002	0.01	0.74	20.2	<1	0.5	122.5	0.24	<0.05	2.31	0.313	0.07	0.7
F060963		2.4	3.9	<0.002	0.01	0.32	18.2	<1	0.4	86.6	0.24	<0.05	2.40	0.299	0.02	0.7
F060964		4.4	6.1	<0.002	0.04	2.61	37.5	<1	0.4	104.0	0.13	<0.05	0.25	0.444	0.07	0.1
F060965		3.9	7.5	<0.002	0.06	2.55	41.5	1	0.4	92.1	0.14	<0.05	0.17	0.458	0.07	0.1
F060966		4.5	9.7	<0.002	0.05	2.64	42.0	1	0.4	130.0	0.14	<0.05	0.18	0.495	0.10	<0.1
F060967		2.9	5.5	<0.002	0.05	1.85	34.4	1	0.3	83.5	0.13	<0.05	0.27	0.395	0.08	0.1
F060968		3.3	6.2	<0.002	0.03	2.17	31.2	1	0.4	72.7	0.11	<0.05	0.29	0.346	0.05	0.1
F060969		1.6	10.9	<0.002	<0.01	1.00	26.6	<1	<0.2	34.6	0.12	<0.05	1.15	0.165	0.06	0.3
F060970		<0.5	0.7	<0.002	0.01	0.09	0.9	1	<0.2	87.5	<0.05	<0.05	0.07	0.023	<0.02	0.2
F060971		3.5	9.3	<0.002	0.11	2.70	37.3	1	0.4	94.6	0.13	<0.05	0.15	0.449	0.13	0.1
F060972		2.7	8.8	<0.002	0.09	1.21	24.1	<1	0.4	104.0	0.13	<0.05	0.85	0.373	0.08	0.3
F060973		1.9	14.7	<0.002	0.07	1.51	32.2	<1	0.6	89.0	0.14	<0.05	0.41	0.476	0.23	0.2
F060974		2.3	14.7	<0.002	0.14	1.03	22.1	1	0.5	110.0	0.26	<0.05	1.86	0.394	0.13	0.6
F060975		1.3	0.8	<0.002	0.06	1.24	23.4	<1	0.3	61.7	0.09	<0.05	0.14	0.290	<0.02	0.1
F060976		1.4	0.7	<0.002	0.02	1.03	24.6	<1	0.3	45.0	0.08	<0.05	0.12	0.278	<0.02	0.1
F060977		0.8	1.0	<0.002	0.02	0.69	24.7	1	0.3	36.8	0.08	<0.05	0.12	0.282	<0.02	<0.1
F060978		0.8	0.5	<0.002	0.03	0.76	21.1	<1	0.2	33.6	0.08	<0.05	0.09	0.256	<0.02	<0.1



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Cu % 0.001
F060939		175	0.3	12.4	89	52.1	
F060940		1	<0.1	1.9	3	1.3	
F060941		103	0.4	9.4	98	90.3	
F060942		94	0.4	9.0	89	82.7	
F060943		100	0.3	9.3	90	84.6	
F060944		104	0.3	9.7	100	87.1	
F060945		97	0.3	9.5	92	84.4	
F060946		102	0.3	9.9	105	87.9	
F060947		106	0.2	10.3	99	87.8	
F060948		228	0.2	14.1	85	20.6	
F060949		218	0.2	12.7	74	25.6	
F060950		215	0.3	13.1	73	33.4	
F060951		222	0.2	13.9	82	24.5	
F060952		199	0.2	13.4	72	30.2	
F060953		217	0.1	16.2	80	24.9	
F060954		279	0.3	18.7	108	44.9	
F060955		298	0.2	23.1	124	77.3	
F060956		279	0.6	22.9	117	96.5	
F060957		249	0.4	15.7	101	31.5	
F060958		205	2.1	13.8	93	36.1	
F060959		263	0.3	14.7	94	39.0	
F060960		209	16.4	14.1	4050	26.9	
F060961		237	0.2	14.2	95	25.3	
F060962		123	0.5	10.7	90	85.6	
F060963		108	0.6	10.0	89	87.6	
F060964		245	0.2	14.9	89	29.5	
F060965		263	0.2	15.1	82	32.0	
F060966		273	0.2	13.5	63	31.3	
F060967		227	0.1	11.8	82	27.2	
F060968		192	0.2	11.7	93	29.7	
F060969		105	0.1	6.1	129	43.8	
F060970		6	<0.1	2.5	3	3.1	
F060971		244	0.2	14.0	76	24.8	
F060972		160	0.2	12.1	111	55.0	
F060973		234	0.7	14.1	110	38.7	
F060974		153	0.8	14.1	81	79.4	
F060975		157	0.1	10.4	86	27.1	
F060976		155	0.1	11.7	75	26.4	
F060977		152	0.1	11.8	60	25.3	
F060978		135	0.2	9.8	50	23.7	





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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F060979		4.48	0.006	0.14	5.62	10.1	10	0.39	0.01	11.10	0.09	4.54	26.1	89	0.22	123.0
F060980		<0.02	0.007	0.14	5.67	7.6	10	0.37	0.02	11.35	0.08	4.58	25.4	89	0.22	119.5
F060981		4.79	0.004	0.08	5.37	10.4	10	0.37	0.01	13.95	0.06	4.71	24.7	81	0.20	77.7
F060982		4.75	0.010	0.08	5.57	24.6	<10	0.33	0.01	15.20	0.06	3.42	28.2	78	0.15	70.3
F060983		4.75	0.010	0.20	7.35	40.1	30	0.35	0.03	10.20	0.12	5.48	27.0	123	0.37	165.0
F060984		4.99	0.038	0.12	7.10	59.6	70	0.28	0.04	7.30	0.09	5.55	43.9	135	0.86	101.0
F060985		5.10	0.011	0.16	6.96	28.1	50	0.29	0.04	7.59	0.09	5.29	35.0	151	0.56	160.5
F060986		4.88	0.006	0.09	6.62	30.7	30	0.41	0.03	9.76	0.08	5.44	25.6	115	0.34	77.7
F060987		5.11	0.010	0.13	5.97	51.2	10	0.35	0.04	11.35	0.05	5.18	29.4	96	0.15	103.5
F060988		5.02	0.005	0.03	6.49	53.3	30	0.36	0.05	11.40	0.04	5.58	34.0	107	0.20	30.2
F060989		2.24	0.010	0.13	6.65	28.6	90	0.41	0.08	9.70	0.08	7.99	30.3	100	0.38	115.0
F060990		0.11	0.533	0.30	7.50	4.4	880	0.99	1.16	1.86	0.08	27.9	5.6	16	0.50	43.5
F060991		2.72	0.008	0.08	8.18	28.9	70	0.59	0.09	5.28	0.09	31.7	28.1	10	0.24	72.7
F060992		3.85	0.005	0.03	8.06	38.9	110	0.60	0.05	5.17	0.06	28.0	28.0	14	0.36	33.8
F060993		3.48	0.026	0.04	5.79	63.6	60	0.31	0.06	13.05	0.04	4.75	35.6	91	0.29	53.5
F060994		2.15	0.010	0.03	6.06	63.0	50	0.22	0.03	9.93	0.03	5.80	30.8	100	0.28	25.2
F060995		4.82	0.012	0.06	6.04	58.5	10	0.32	0.04	13.40	0.06	5.00	28.7	98	0.19	48.6
F060996		5.11	0.005	0.05	5.80	56.7	20	0.40	0.04	11.45	0.04	4.87	35.5	96	0.18	27.5
F060997		4.85	0.008	0.07	6.24	50.4	30	0.44	0.04	10.75	0.06	8.30	34.8	94	0.23	51.9
F060998		5.18	0.005	0.24	5.02	48.9	10	0.33	0.04	12.15	0.06	5.08	34.5	81	0.19	212
F060999		5.50	0.007	0.09	7.41	73.4	40	0.47	0.07	10.15	0.06	6.93	37.6	119	0.36	79.2
F061000		1.45	0.002	<0.01	0.09	<0.2	20	<0.05	0.05	34.8	<0.02	0.87	0.8	2	<0.05	3.1
F061201		4.48	0.016	1.04	7.09	5.7	60	0.55	0.10	5.51	0.17	29.8	18.2	148	0.73	522
F061202		4.51	0.004	0.33	7.48	14.4	120	0.68	0.04	4.72	0.03	26.1	13.6	190	0.66	39.1
F061203		3.70	0.005	0.07	7.36	41.7	150	0.66	0.05	3.69	0.03	40.7	23.0	186	0.63	72.5
F061204		4.30	0.033	0.23	7.38	45.0	180	0.68	0.05	3.91	0.03	30.7	21.6	187	0.68	67.4
F061205		4.53	0.014	0.35	7.19	69.9	220	0.61	0.06	3.49	0.12	22.9	22.5	207	0.77	67.5
F061206		4.57	0.022	0.37	6.97	67.9	190	0.58	0.07	3.10	0.18	31.6	17.6	188	0.77	46.8
F061207		4.72	0.002	0.04	7.19	37.5	180	0.55	0.02	4.47	0.05	30.7	11.5	130	0.95	2.2
F061208		4.59	0.002	0.01	6.59	36.3	120	0.41	0.02	5.92	0.03	19.55	14.6	77	0.84	6.6
F061209		2.12	0.003	<0.01	6.63	48.8	160	0.46	0.03	5.28	0.05	22.9	12.5	106	1.11	3.8
F061210		0.11	6.22	86.9	7.53	451	2380	0.86	0.45	5.00	22.8	42.7	25.4	73	2.67	793
F061211		2.36	0.003	0.07	7.88	73.0	250	0.63	0.06	3.44	0.03	19.60	20.9	115	1.50	1.3
F061212		2.29	0.027	0.22	6.15	257	110	0.39	0.16	6.52	0.10	19.35	48.5	96	0.87	245
F061213		2.34	0.008	0.11	5.13	86.6	20	0.33	0.10	5.99	0.06	24.5	39.6	77	0.54	132.0
F061214		3.66	0.072	0.43	4.69	264	60	0.36	0.23	7.74	0.35	7.61	47.4	94	0.83	513
F061215		1.57	0.013	0.47	2.15	32.7	70	0.14	0.09	5.97	0.60	10.70	12.9	24	0.52	422
F061216		4.71	0.006	0.13	6.78	63.8	50	0.57	0.10	6.96	0.08	25.1	45.1	61	2.53	134.0
F061217		4.82	0.003	0.26	7.00	54.7	50	0.63	0.10	6.68	0.13	27.1	45.1	61	2.73	272
F061218		5.02	0.005	0.14	7.04	44.7	60	0.64	0.09	6.19	0.09	25.5	44.1	58	3.75	152.0



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060979		7.70	10.55	<0.05	0.7	0.043	0.07	1.7	28.0	6.56	1475	<0.05	0.18	1.4	86.3	200
F060980		7.87	10.55	<0.05	0.7	0.043	0.07	1.7	27.6	6.67	1505	0.05	0.18	1.4	89.3	200
F060981		7.52	10.35	<0.05	0.7	0.043	0.05	1.7	38.3	6.66	1695	<0.05	0.06	1.4	81.3	190
F060982		7.77	10.60	<0.05	0.7	0.044	0.02	1.2	33.3	7.38	1735	<0.05	0.02	1.4	82.7	280
F060983		8.21	14.15	<0.05	0.9	0.055	0.38	2.0	38.7	6.43	1545	0.05	0.25	1.8	95.2	340
F060984		8.48	13.60	<0.05	1.0	0.071	1.19	2.0	25.2	6.09	1480	0.06	0.43	1.7	140.5	230
F060985		8.52	14.35	<0.05	0.8	0.062	0.78	1.9	28.3	5.35	1470	0.05	0.34	1.8	135.5	240
F060986		7.89	12.80	<0.05	0.9	0.053	0.30	2.0	28.5	5.74	1535	0.05	0.17	1.6	89.2	210
F060987		7.95	11.75	<0.05	0.7	0.050	0.13	1.9	27.0	6.36	1655	<0.05	0.12	1.5	100.0	180
F060988		8.21	12.85	<0.05	0.9	0.066	0.22	2.0	26.7	6.45	1685	0.10	0.21	1.6	110.5	190
F060989		8.17	12.85	<0.05	1.3	0.070	0.56	3.4	13.6	5.50	1615	0.20	0.58	1.9	111.5	180
F060990		2.33	14.00	0.09	2.2	0.033	1.81	14.1	3.2	0.51	676	2.46	3.42	6.5	9.9	490
F060991		5.57	17.05	0.05	2.8	0.053	0.21	15.5	15.2	2.04	881	0.69	2.60	4.8	33.5	570
F060992		5.71	15.65	0.06	2.7	0.040	0.55	13.3	20.7	2.41	936	0.61	2.63	4.4	43.1	540
F060993		6.75	11.05	<0.05	0.7	0.047	0.37	1.9	24.7	6.04	1540	0.05	0.18	1.4	110.0	160
F060994		7.62	10.20	<0.05	0.6	0.037	0.32	2.3	34.9	5.89	1490	<0.05	0.07	1.3	96.6	180
F060995		7.67	10.90	<0.05	0.7	0.042	0.10	1.8	29.1	6.34	1685	0.06	0.12	1.4	102.0	140
F060996		7.76	10.85	<0.05	0.8	0.047	0.16	1.8	22.0	6.14	1480	0.12	0.23	1.4	113.0	140
F060997		7.97	12.20	<0.05	1.1	0.049	0.28	3.4	21.6	6.15	1540	0.12	0.32	1.8	110.5	190
F060998		8.24	10.75	<0.05	0.8	0.066	0.16	2.0	20.7	7.03	1795	<0.05	0.23	1.3	113.5	100
F060999		8.54	14.75	<0.05	1.1	0.079	0.42	2.8	21.3	5.68	1575	0.07	0.44	1.9	113.0	180
F061000		0.12	0.26	0.05	<0.1	<0.005	0.02	1.0	1.1	1.12	85	<0.05	0.03	0.1	0.7	70
F061201		5.21	15.35	0.06	3.5	0.060	0.27	13.9	17.8	3.47	887	0.69	2.69	5.5	145.0	550
F061202		4.00	13.85	0.05	3.7	0.029	0.51	12.2	16.8	3.54	662	0.87	2.95	5.1	167.5	610
F061203		3.79	15.05	0.09	4.1	0.028	0.65	19.8	22.6	3.19	621	1.14	2.72	6.0	176.0	630
F061204		4.02	15.00	0.09	3.9	0.035	0.98	14.4	32.8	3.29	646	1.80	2.24	5.9	176.5	640
F061205		3.87	14.95	0.09	4.1	0.038	1.56	10.1	34.5	3.09	542	2.93	1.49	5.7	174.0	650
F061206		3.70	15.40	0.12	4.0	0.024	1.57	14.4	29.4	2.82	493	3.65	1.45	5.9	164.0	620
F061207		3.36	17.10	0.13	3.7	0.020	2.16	14.8	25.0	2.52	539	1.54	0.95	5.4	101.0	650
F061208		3.93	14.95	0.10	2.6	0.031	1.61	9.1	27.4	3.21	738	0.59	0.66	3.2	56.0	460
F061209		3.35	14.90	0.13	2.7	0.021	2.03	11.2	22.8	2.51	659	0.33	0.65	3.1	56.7	440
F061210		6.46	18.30	0.15	1.0	0.100	1.52	22.2	25.4	2.48	973	19.10	1.98	22.1	55.2	1340
F061211		3.52	16.85	0.12	3.2	0.020	3.15	8.9	27.2	2.38	591	0.72	0.15	3.5	54.6	570
F061212		6.86	12.55	0.08	1.7	0.042	1.37	8.9	22.8	3.40	1150	0.53	0.27	2.2	74.3	380
F061213		9.28	10.70	0.06	1.3	0.038	0.19	12.3	19.0	4.06	1480	0.41	0.48	1.9	74.1	410
F061214		7.86	9.56	<0.05	0.8	0.088	0.53	3.2	16.8	3.72	1390	0.87	0.65	1.3	116.5	170
F061215		2.21	5.81	<0.05	0.6	0.068	0.68	4.6	7.4	0.80	668	0.26	0.02	1.4	24.4	40
F061216		9.22	19.55	<0.05	2.2	0.083	0.43	10.1	12.2	2.78	1430	0.52	2.14	6.4	78.3	570
F061217		9.90	20.4	<0.05	2.7	0.096	0.46	10.8	10.4	2.86	1430	0.32	2.22	6.9	81.0	620
F061218		10.05	20.6	<0.05	2.6	0.088	0.62	9.9	10.8	2.86	1470	0.36	2.20	7.1	78.3	600



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Project: McVicar

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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F060979		1.0	2.4	<0.002	0.04	2.73	25.2	<1	0.3	41.4	0.10	<0.05	0.12	0.298	0.03	<0.1
F060980		1.2	2.4	<0.002	0.04	2.58	25.6	1	0.4	41.4	0.10	<0.05	0.12	0.301	0.02	<0.1
F060981		0.7	1.8	<0.002	0.07	1.56	24.5	1	0.3	35.6	0.09	<0.05	0.12	0.285	0.02	<0.1
F060982		<0.5	0.8	<0.002	0.09	0.92	25.1	1	0.2	30.3	0.09	<0.05	0.12	0.296	<0.02	<0.1
F060983		1.7	10.7	<0.002	0.03	4.24	34.0	<1	0.4	61.3	0.12	<0.05	0.15	0.389	0.11	0.1
F060984		2.0	31.4	<0.002	0.10	4.78	32.9	1	0.5	82.0	0.12	<0.05	0.15	0.391	0.34	<0.1
F060985		2.0	13.3	<0.002	0.14	5.57	32.3	<1	0.5	88.3	0.12	<0.05	0.12	0.398	0.22	<0.1
F060986		1.5	8.1	<0.002	0.02	4.81	31.2	<1	0.4	52.8	0.11	<0.05	0.14	0.350	0.07	0.1
F060987		1.1	3.2	<0.002	0.06	4.31	29.4	1	0.4	47.0	0.10	<0.05	0.13	0.325	0.03	<0.1
F060988		1.1	6.4	<0.002	<0.01	6.83	31.7	<1	0.4	68.3	0.11	<0.05	0.14	0.348	0.06	<0.1
F060989		1.9	17.4	<0.002	0.04	6.88	28.4	<1	0.6	108.5	0.14	<0.05	0.40	0.357	0.14	0.1
F060990		9.8	36.7	<0.002	0.04	0.78	6.9	<1	1.0	209	0.47	0.23	2.98	0.211	0.18	1.3
F060991		4.1	6.2	<0.002	0.12	7.27	24.4	1	0.7	188.5	0.40	<0.05	2.72	0.395	0.06	0.8
F060992		2.2	16.9	<0.002	0.05	1.76	23.2	<1	0.6	113.5	0.37	<0.05	2.40	0.373	0.12	0.7
F060993		0.5	11.2	<0.002	0.15	2.48	26.3	<1	0.3	51.3	0.09	<0.05	0.15	0.311	0.08	0.1
F060994		<0.5	8.7	<0.002	0.02	1.38	24.3	<1	0.3	25.6	0.09	<0.05	0.12	0.314	0.06	<0.1
F060995		1.0	3.0	<0.002	0.04	2.72	26.6	<1	0.3	43.8	0.09	<0.05	0.12	0.318	0.02	0.1
F060996		1.1	4.8	<0.002	<0.01	5.72	26.1	<1	0.3	46.9	0.10	<0.05	0.12	0.310	0.05	<0.1
F060997		1.1	9.1	<0.002	0.01	5.71	26.6	<1	0.3	57.2	0.12	<0.05	0.38	0.318	0.07	0.1
F060998		1.2	5.2	<0.002	0.11	3.19	24.8	1	0.5	48.6	0.08	<0.05	0.12	0.264	0.05	0.1
F060999		1.9	14.7	<0.002	0.02	17.30	34.7	1	0.5	106.0	0.12	<0.05	0.16	0.406	0.11	0.1
F061000		<0.5	0.4	<0.002	<0.01	<0.05	0.2	<1	<0.2	89.6	<0.05	<0.05	0.05	0.006	<0.02	0.1
F061201		2.2	11.1	<0.002	0.18	0.90	18.4	<1	1.7	133.5	0.45	0.05	3.35	0.468	0.13	1.0
F061202		1.4	17.9	<0.002	0.08	0.83	13.0	<1	0.8	159.0	0.44	<0.05	3.81	0.322	0.12	1.2
F061203		1.1	18.8	<0.002	0.03	0.47	13.1	<1	0.9	133.0	0.53	<0.05	4.15	0.335	0.13	1.4
F061204		1.6	28.3	<0.002	0.06	0.52	13.2	<1	0.8	90.0	0.50	<0.05	3.94	0.336	0.21	1.3
F061205		1.8	32.9	<0.002	0.04	0.72	12.2	<1	0.8	55.8	0.51	<0.05	3.65	0.333	0.31	1.1
F061206		7.2	37.9	<0.002	0.04	0.71	12.0	<1	0.7	49.0	0.51	<0.05	3.89	0.312	0.32	1.1
F061207		1.9	52.9	<0.002	0.01	0.49	9.6	<1	0.5	49.3	0.40	<0.05	2.94	0.299	0.39	0.7
F061208		1.4	48.5	<0.002	<0.01	0.50	8.4	<1	0.7	47.0	0.23	<0.05	1.73	0.239	0.30	0.4
F061209		1.0	65.8	<0.002	0.01	0.58	8.5	<1	0.5	39.0	0.23	<0.05	1.69	0.228	0.35	0.5
F061210		2650	44.3	0.019	1.36	227	20.1	5	2.4	395	1.27	0.34	2.45	0.542	0.46	1.5
F061211		2.5	88.8	<0.002	<0.01	0.79	10.2	<1	0.4	21.4	0.26	<0.05	2.00	0.268	0.53	0.6
F061212		1.0	44.8	<0.002	0.43	0.58	14.9	1	0.5	33.3	0.16	0.10	1.10	0.244	0.21	0.3
F061213		<0.5	7.6	<0.002	0.21	0.59	16.6	1	0.5	33.0	0.13	0.05	0.84	0.229	0.05	0.3
F061214		3.1	20.0	0.004	0.71	1.11	24.1	2	0.6	44.9	0.09	0.12	0.20	0.251	0.11	0.1
F061215		1.5	22.6	<0.002	0.23	0.66	6.1	1	0.5	32.0	0.09	0.05	0.21	0.208	0.11	0.1
F061216		1.7	28.4	0.002	0.17	2.40	20.5	<1	1.0	177.5	0.41	<0.05	0.79	0.938	0.27	0.2
F061217		2.1	28.9	0.002	0.17	3.10	20.3	1	1.0	240	0.44	<0.05	0.90	1.005	0.28	0.2
F061218		1.8	40.0	0.002	0.13	3.78	20.3	1	1.0	216	0.46	<0.05	0.85	0.990	0.42	0.2



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Cu % 0.001
F060979		159	0.2	11.4	62	19.9	
F060980		161	0.2	11.2	63	22.3	
F060981		157	0.1	11.0	60	22.1	
F060982		169	0.1	11.4	60	23.8	
F060983		218	0.1	14.3	77	29.3	
F060984		230	0.1	14.4	75	31.0	
F060985		232	0.1	13.6	75	25.8	
F060986		208	0.2	12.6	70	30.0	
F060987		195	0.1	12.5	75	26.4	
F060988		207	0.2	13.7	85	35.5	
F060989		200	0.3	12.2	86	38.4	
F060990		38	21.2	18.0	49	65.8	
F060991		157	0.5	16.2	56	106.0	
F060992		150	0.6	15.2	59	102.0	
F060993		178	0.2	12.2	70	25.9	
F060994		170	0.2	11.8	81	20.8	
F060995		185	0.2	11.4	71	21.1	
F060996		185	0.1	11.9	66	25.2	
F060997		176	0.2	12.9	70	43.6	
F060998		166	0.2	11.9	72	25.0	
F060999		217	0.4	14.2	70	30.5	
F061000		1	<0.1	2.2	2	1.6	
F061201		159	1.2	16.0	71	128.0	
F061202		100	0.6	11.6	47	137.0	
F061203		91	0.9	11.8	46	154.0	
F061204		90	1.1	11.5	47	150.0	
F061205		91	1.6	11.5	52	150.0	
F061206		85	2.2	9.9	53	150.5	
F061207		73	1.4	7.7	39	145.0	
F061208		69	1.5	7.3	44	103.5	
F061209		66	1.5	7.0	41	104.0	
F061210		209	17.5	14.2	4030	36.1	
F061211		79	3.6	7.4	39	122.0	
F061212		109	2.8	8.7	65	70.9	
F061213		109	1.0	10.4	83	53.7	
F061214		143	3.3	12.6	101	28.8	
F061215		72	22.6	8.9	82	22.8	
F061216		271	2.2	21.6	78	84.8	
F061217		285	1.1	23.5	84	100.5	
F061218		283	0.8	23.1	85	89.5	



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F061219		4.67	0.003	0.16	7.02	45.2	50	0.64	0.11	6.65	0.08	25.4	45.3	60	2.34	155.0
F061220		1.17	0.002	0.01	0.15	0.5	10	0.05	0.01	31.6	<0.02	1.22	1.3	2	0.05	3.6
F061221		4.94	0.005	0.16	7.09	33.6	50	0.67	0.12	6.35	0.08	25.7	42.6	58	1.66	155.5
F061222		4.79	0.008	0.14	6.75	44.0	30	0.35	0.07	6.76	0.04	15.55	37.6	100	1.46	178.0
F061223		5.24	0.024	0.63	6.88	120.0	30	0.19	0.14	7.96	0.19	6.81	58.2	151	0.36	584
F061224		4.67	0.013	0.26	7.00	105.0	120	0.16	0.12	6.90	0.11	4.69	47.1	175	0.84	256
F061225		4.88	0.010	0.10	7.42	57.3	90	0.24	0.12	7.64	0.05	8.64	44.5	150	0.65	91.3
F061226		2.34	0.002	<0.01	7.10	38.2	160	0.55	0.03	3.23	0.02	40.9	21.4	189	0.53	4.5
F061227		2.26	0.003	0.04	7.20	39.1	170	0.61	0.02	3.66	0.04	39.2	20.9	190	0.75	35.7
F061228		4.33	0.003	0.07	7.27	31.2	180	0.74	0.03	3.47	0.04	40.8	24.7	197	0.64	55.8
F061229		4.31	0.002	0.06	7.36	25.6	200	0.70	0.02	3.48	0.05	42.4	24.7	201	0.54	57.1
F061230		<0.02	0.002	0.07	7.24	22.6	200	0.67	0.02	3.39	0.06	40.6	22.9	196	0.54	53.9
F061231		2.86	0.002	0.03	7.13	31.2	140	0.64	0.02	3.59	0.04	44.5	25.5	193	0.57	22.1
F061232		2.63	0.004	0.21	6.59	17.0	130	0.58	0.02	4.38	0.11	40.1	25.9	168	0.41	227
F061233		1.83	0.004	0.13	6.89	38.5	120	0.25	0.05	5.89	0.09	6.46	43.1	145	0.66	128.5
F061234		2.59	0.005	0.11	7.27	26.3	90	0.25	0.09	6.34	0.07	6.69	43.5	141	0.65	134.5
F061235		2.45	0.004	0.02	7.98	32.0	130	0.25	0.09	6.61	0.02	6.33	39.9	162	0.68	22.2
F061236		2.45	0.006	0.34	7.02	79.2	40	0.22	0.30	6.08	0.11	6.55	73.8	147	0.39	339
F061237		2.40	0.005	0.15	7.65	41.4	110	0.23	0.10	7.39	0.06	7.50	48.9	143	0.66	142.0
F061238		2.99	0.033	0.63	6.33	40.3	60	0.15	0.09	7.32	0.21	7.05	39.6	109	0.58	590
F061239		1.24	0.049	2.39	6.42	37.9	100	0.17	0.14	8.51	0.82	5.16	41.7	118	0.57	2640
F061240		0.11	0.498	0.32	6.94	4.4	830	0.97	1.32	1.73	0.07	28.4	5.9	14	0.50	44.6
F061241		3.22	0.015	0.13	7.37	37.2	100	0.21	0.19	7.22	0.11	5.66	47.8	153	0.42	132.0
F062401		5.02	0.067	0.06	7.01	3.9	60	0.20	0.20	3.68	0.02	5.39	40.3	206	0.92	101.5
F062402		4.90	0.155	0.06	7.16	2.7	40	0.17	1.03	6.91	0.05	6.36	45.6	192	0.51	107.5
F062403		5.13	0.026	0.08	7.39	3.0	30	0.15	0.33	7.08	0.04	5.75	43.7	196	0.32	102.0
F062404		5.26	0.488	0.11	7.46	3.4	20	0.18	1.60	8.02	0.05	6.53	44.4	195	0.24	120.5
F062405		4.35	0.024	0.21	7.51	10.4	30	0.17	0.40	7.46	0.07	7.10	48.4	225	0.39	326
F062406		4.55	0.007	0.12	6.88	0.3	240	0.81	0.08	3.53	0.05	25.5	19.8	56	1.63	59.0
F062451		4.89	0.008	0.12	7.15	140.5	70	0.49	0.09	8.19	0.05	6.46	68.3	127	0.46	84.5
F062452		5.09	0.007	0.08	7.61	84.2	50	0.45	0.07	8.79	0.05	5.94	39.3	148	0.46	52.6
F062453		5.03	0.005	0.10	7.11	53.6	80	0.28	0.07	7.72	0.05	5.45	41.6	226	0.68	90.0
F062454		2.10	0.005	0.12	6.42	37.4	40	0.24	0.10	10.10	0.03	5.23	36.9	194	0.31	98.8
F062455		3.56	0.004	0.10	6.84	34.6	30	0.24	0.07	7.25	0.04	5.64	37.8	224	0.37	88.5
F062456		3.32	0.002	0.05	7.54	5.7	290	0.75	0.02	2.26	0.05	6.89	4.2	35	0.59	15.0
F062457		4.51	0.004	0.25	7.58	2.5	320	0.85	0.01	2.02	0.03	7.21	2.2	9	0.56	17.9
F062458		4.18	0.001	0.01	7.44	1.0	340	0.87	0.01	2.15	0.07	8.74	2.1	8	0.51	7.7
F062459		4.17	0.002	0.03	7.52	5.3	250	0.89	0.07	1.84	0.05	11.80	4.7	10	0.46	24.3
F062460		1.41	0.002	<0.01	0.09	0.3	10	0.12	<0.01	33.6	<0.02	0.90	1.1	2	<0.05	1.7
F062461		2.76	0.005	0.07	6.94	18.3	30	0.60	0.08	6.94	0.06	19.75	31.6	79	0.45	75.9



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F061219		10.05	21.5	<0.05	2.4	0.089	0.40	9.8	9.6	2.87	1515	0.49	2.10	6.9	81.6	600
F061220		0.25	0.48	<0.05	0.1	0.014	0.02	1.2	1.0	1.02	96	0.06	0.05	0.2	1.6	60
F061221		9.91	20.8	0.05	2.5	0.088	0.40	10.0	7.8	2.85	1495	0.53	2.40	7.0	79.5	610
F061222		8.68	15.60	<0.05	1.5	0.063	0.27	5.7	16.8	3.07	1495	0.30	2.02	4.1	96.2	410
F061223		7.76	12.50	<0.05	0.8	0.072	0.16	2.8	11.2	3.25	1410	0.27	1.72	1.8	150.0	240
F061224		7.10	14.25	<0.05	0.8	0.072	0.88	1.7	16.6	3.99	1330	0.14	1.38	1.3	129.0	210
F061225		7.54	14.75	<0.05	0.9	0.075	0.52	3.4	14.7	3.76	1300	0.14	1.73	2.1	132.0	260
F061226		4.08	14.15	0.05	3.6	0.021	0.80	19.5	19.4	2.96	714	1.24	2.35	5.6	166.0	590
F061227		3.94	14.55	0.08	3.5	0.025	0.98	18.9	20.9	3.12	699	0.81	2.15	5.7	175.0	620
F061228		3.73	15.50	0.08	3.7	0.028	0.85	19.3	17.1	3.19	659	0.88	2.49	6.0	180.0	640
F061229		3.84	14.65	0.10	3.5	0.025	0.89	20.3	14.3	3.18	679	0.77	2.48	5.8	178.5	620
F061230		3.74	14.65	0.09	3.5	0.025	0.88	19.1	14.0	3.12	665	0.98	2.44	5.8	176.5	620
F061231		3.79	14.25	0.10	3.3	0.022	0.74	22.1	16.0	3.09	658	0.93	2.52	5.6	176.0	610
F061232		4.91	13.50	0.08	3.0	0.035	0.58	19.9	11.4	3.59	825	0.78	2.17	5.2	162.5	540
F061233		8.24	13.95	0.05	0.9	0.046	0.97	2.4	20.0	5.57	1355	0.26	0.87	2.0	154.0	250
F061234		8.30	13.65	<0.05	0.6	0.054	0.83	2.6	25.6	4.97	1305	0.17	0.90	2.0	178.0	240
F061235		7.74	15.40	<0.05	0.7	0.055	1.12	2.4	17.6	4.81	1240	0.16	1.10	2.1	142.5	260
F061236		7.77	13.25	<0.05	1.0	0.052	0.32	2.4	16.0	4.76	1260	0.69	1.77	1.8	152.5	220
F061237		7.80	14.25	<0.05	0.8	0.058	1.07	2.8	14.2	4.33	1265	0.28	1.10	1.9	155.5	240
F061238		7.12	12.45	<0.05	0.4	0.065	0.61	2.8	23.4	3.95	1220	0.40	0.70	1.4	126.0	180
F061239		6.92	12.05	<0.05	0.7	0.081	0.92	1.9	19.0	3.28	1190	0.19	0.71	1.5	124.5	170
F061240		2.17	13.15	0.09	1.9	0.038	1.69	14.0	3.2	0.48	630	2.18	3.27	6.2	10.3	470
F061241		8.00	14.50	0.06	0.8	0.055	0.78	1.9	13.8	4.38	1435	0.19	1.34	1.9	152.0	230
F062401		7.24	13.05	<0.05	0.8	0.046	0.33	2.0	90.9	7.61	821	1.96	0.76	1.4	126.5	210
F062402		7.07	14.05	<0.05	1.0	0.051	0.27	2.3	32.8	4.71	1185	1.10	1.60	1.6	140.5	220
F062403		7.83	13.25	<0.05	0.7	0.053	0.16	2.1	28.5	4.66	1295	70.4	1.67	1.5	129.5	220
F062404		7.74	13.15	<0.05	0.7	0.047	0.09	2.4	26.9	4.48	1285	1.84	1.20	1.7	130.5	220
F062405		7.14	14.10	<0.05	0.6	0.052	0.14	2.7	40.8	4.38	1115	4.34	1.48	1.4	142.5	190
F062406		3.94	15.60	0.07	2.3	0.040	1.60	11.6	37.8	1.55	718	0.80	2.22	5.8	40.9	270
F062451		7.95	13.85	0.05	1.0	0.089	0.70	2.4	20.6	4.87	1405	0.13	0.63	1.8	119.5	180
F062452		8.67	14.70	<0.05	0.9	0.071	0.41	2.1	26.7	5.15	1495	0.15	0.64	1.8	110.0	230
F062453		8.33	15.55	<0.05	1.2	0.076	0.52	2.1	27.9	4.53	1440	0.14	1.07	1.3	107.0	240
F062454		7.60	14.35	<0.05	1.0	0.060	0.20	1.9	20.2	3.98	1445	0.14	1.29	1.2	101.5	220
F062455		8.06	15.25	0.05	0.9	0.065	0.18	2.1	30.3	4.07	1355	0.13	1.47	1.2	102.0	240
F062456		1.47	17.90	0.18	1.8	0.015	1.73	3.1	12.0	0.57	263	0.13	3.27	1.8	13.0	220
F062457		0.89	17.90	0.19	1.8	0.005	1.77	3.3	8.8	0.30	185	0.20	3.45	1.8	4.9	210
F062458		0.89	17.90	0.15	1.8	0.010	1.55	4.0	8.1	0.29	195	0.05	3.66	1.7	3.9	210
F062459		1.15	17.25	0.16	1.9	0.009	1.29	5.7	8.7	0.40	203	0.31	3.80	1.9	5.7	220
F062460		0.13	0.46	0.19	0.1	0.005	0.02	1.0	1.7	1.70	78	<0.05	0.04	0.1	0.4	70
F062461		8.45	19.90	0.12	2.2	0.092	0.15	7.2	15.6	3.25	1365	0.47	1.85	5.0	47.6	600



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To: NORTHERN DOMINION METALS/CROSS RIVER  
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 1430-800 WEST PENDER STREET  
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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F061219		2.3	25.4	0.002	0.11	3.69	21.1	1	0.9	258	0.42	<0.05	0.84	0.999	0.27	0.2
F061220		<0.5	0.6	<0.002	0.01	0.10	0.5	1	<0.2	86.7	<0.05	<0.05	0.06	0.018	<0.02	0.2
F061221		2.3	19.2	0.002	0.09	4.88	21.4	1	1.0	270	0.44	<0.05	0.87	0.991	0.19	0.2
F061222		0.7	15.8	<0.002	0.07	0.97	25.8	<1	0.8	80.7	0.25	<0.05	0.47	0.680	0.15	0.1
F061223		1.8	5.8	<0.002	0.11	4.16	37.2	1	0.8	159.5	0.12	0.05	0.18	0.408	0.05	<0.1
F061224		1.1	32.3	<0.002	0.09	2.18	38.6	<1	0.4	94.7	0.08	<0.05	0.16	0.377	0.16	<0.1
F061225		1.3	19.2	<0.002	0.09	3.33	37.9	<1	0.6	153.5	0.13	<0.05	0.33	0.424	0.12	0.1
F061226		2.1	20.9	<0.002	<0.01	0.34	12.7	<1	0.7	85.1	0.45	<0.05	4.48	0.313	0.13	1.2
F061227		2.0	29.0	<0.002	0.01	0.39	12.6	<1	0.6	89.5	0.44	<0.05	4.00	0.315	0.16	1.2
F061228		2.5	27.6	<0.002	0.01	0.67	13.7	<1	0.7	169.5	0.46	<0.05	4.51	0.320	0.16	1.1
F061229		2.6	26.2	<0.002	0.01	0.80	13.8	<1	0.7	185.5	0.45	<0.05	4.32	0.326	0.14	1.2
F061230		2.6	26.3	<0.002	0.01	0.78	13.4	<1	0.7	181.5	0.46	<0.05	4.22	0.317	0.14	1.1
F061231		2.3	27.1	<0.002	<0.01	0.54	13.4	<1	0.7	129.0	0.41	<0.05	4.26	0.308	0.14	1.2
F061232		2.6	20.7	<0.002	0.07	1.00	11.6	<1	0.8	176.0	0.39	<0.05	4.11	0.280	0.11	1.2
F061233		1.2	35.4	0.002	0.02	2.24	27.0	<1	0.5	142.0	0.12	<0.05	0.32	0.401	0.19	0.1
F061234		0.9	28.4	<0.002	0.15	2.27	36.1	1	0.5	115.0	0.12	<0.05	0.29	0.405	0.18	0.1
F061235		1.3	31.8	0.002	0.04	3.13	38.9	<1	0.5	201	0.13	<0.05	0.16	0.468	0.24	0.1
F061236		0.9	13.2	0.002	0.22	1.71	35.9	1	0.4	122.5	0.12	0.18	0.18	0.389	0.08	0.1
F061237		1.3	41.1	0.002	0.09	3.56	38.0	1	0.5	142.5	0.12	<0.05	0.18	0.418	0.24	<0.1
F061238		0.7	26.0	0.002	0.14	0.76	31.0	1	0.3	48.8	0.09	0.06	0.13	0.322	0.13	<0.1
F061239		0.8	35.0	<0.002	0.49	0.88	30.4	1	0.4	71.1	0.10	0.07	0.15	0.348	0.16	<0.1
F061240		10.0	37.6	<0.002	0.04	0.76	7.1	<1	0.9	199.5	0.42	0.23	3.21	0.200	0.16	1.2
F061241		1.5	24.7	0.002	0.11	2.86	38.3	<1	0.4	153.0	0.12	0.07	0.18	0.414	0.15	<0.1
F062401		0.5	18.5	<0.002	0.02	0.13	39.9	<1	0.6	31.5	0.09	0.07	0.20	0.359	0.10	0.1
F062402		0.9	16.0	0.002	0.06	0.26	41.8	<1	1.0	101.0	0.11	0.23	0.17	0.388	0.08	<0.1
F062403		2.9	6.7	0.002	0.06	0.25	41.5	1	0.9	99.6	0.09	0.08	0.15	0.386	0.04	<0.1
F062404		1.0	3.8	<0.002	0.08	0.34	40.9	1	0.5	115.5	0.11	0.49	0.18	0.391	0.03	<0.1
F062405		1.8	7.7	<0.002	0.09	0.39	40.8	1	0.7	143.5	0.08	0.12	0.16	0.376	0.05	<0.1
F062406		8.2	69.4	<0.002	0.11	0.13	17.1	<1	1.0	147.5	0.91	<0.05	6.33	0.196	0.36	2.7
F062451		1.8	21.1	<0.002	0.04	6.51	37.2	1	0.6	102.0	0.11	<0.05	0.18	0.385	0.20	0.1
F062452		1.9	13.5	<0.002	0.04	8.40	39.7	1	0.5	121.0	0.11	<0.05	0.18	0.420	0.11	0.1
F062453		1.5	19.9	<0.002	0.07	3.76	41.0	1	0.6	108.0	0.09	<0.05	0.21	0.430	0.15	0.1
F062454		1.5	6.7	<0.002	0.08	5.03	36.9	1	0.5	160.5	0.08	<0.05	0.19	0.392	0.05	0.1
F062455		0.8	6.4	<0.002	0.07	1.84	39.9	<1	0.5	133.0	0.08	<0.05	0.20	0.417	0.05	0.1
F062456		1.3	44.2	<0.002	0.02	0.71	5.4	<1	0.2	178.5	0.17	<0.05	0.81	0.117	0.32	0.5
F062457		1.3	49.1	<0.002	0.06	0.55	1.9	<1	0.3	219	0.17	<0.05	0.95	0.076	0.32	0.6
F062458		1.9	41.8	<0.002	0.04	0.43	1.8	<1	0.3	260	0.16	<0.05	0.90	0.073	0.26	0.6
F062459		1.9	36.7	<0.002	0.04	0.42	3.0	<1	0.3	232	0.17	0.05	0.95	0.102	0.23	0.6
F062460		0.7	0.3	<0.002	<0.01	<0.05	0.2	1	<0.2	81.9	<0.05	<0.05	0.08	0.006	<0.02	0.1
F062461		2.3	5.8	0.003	0.10	5.47	35.6	1	0.9	240	0.32	<0.05	0.77	0.928	0.05	0.2



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Cu % 0.001
F061219		285	0.8	24.1	82	101.0	
F061220		5	<0.1	2.4	3	2.4	
F061221		284	0.6	23.2	80	85.9	
F061222		245	0.6	17.9	82	48.1	
F061223		217	0.8	15.2	81	24.4	
F061224		230	2.3	16.0	75	24.8	
F061225		233	0.8	16.8	70	27.7	
F061226		85	1.0	11.0	51	137.0	
F061227		84	0.7	10.2	52	137.0	
F061228		85	0.5	11.0	48	142.0	
F061229		86	0.5	10.4	46	135.5	
F061230		84	0.5	10.4	46	137.0	
F061231		82	0.7	10.6	47	131.0	
F061232		77	0.4	11.2	55	122.5	
F061233		222	0.9	14.4	79	27.7	
F061234		222	1.1	15.4	83	24.7	
F061235		261	1.1	15.1	66	20.0	
F061236		210	0.9	15.8	74	29.8	
F061237		230	1.3	16.7	66	24.7	
F061238		194	1.8	13.2	86	16.5	
F061239		196	4.1	12.4	120	18.3	
F061240		36	18.6	18.4	46	58.3	
F061241		228	1.0	16.2	72	24.1	
F062401		243	3.2	13.6	58	19.1	
F062402		234	1.6	16.9	58	20.7	
F062403		245	2.7	15.4	67	23.1	
F062404		237	1.3	15.8	70	16.6	
F062405		233	1.8	15.6	56	14.2	
F062406		109	1.9	6.6	55	76.3	
F062451		228	0.4	15.0	63	32.9	
F062452		227	0.5	16.2	75	40.6	
F062453		257	0.7	15.7	78	34.7	
F062454		236	0.3	14.9	71	29.6	
F062455		249	0.4	15.5	82	33.7	
F062456		36	0.4	3.1	15	54.8	
F062457		12	0.4	2.6	8	57.0	
F062458		11	0.4	2.6	11	55.2	
F062459		21	0.3	3.3	12	57.3	
F062460		1	<0.1	2.1	4	1.7	
F062461		332	0.7	25.6	78	81.6	





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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F062462		4.98	0.003	0.07	7.01	18.2	40	0.64	0.11	6.74	0.06	21.8	33.7	72	0.88	70.9
F062463		4.64	0.008	0.20	6.93	19.3	50	0.66	0.13	7.13	0.06	16.20	30.8	103	1.16	242
F062464		2.57	0.011	0.32	4.22	18.5	20	0.60	0.14	11.05	0.11	19.95	27.1	73	0.58	414
F062465		2.52	0.003	0.06	3.84	0.9	20	0.51	0.07	11.10	0.03	18.00	13.3	38	0.70	83.0
F062466		2.64	0.009	0.06	4.09	1.1	20	0.53	0.08	10.05	0.04	19.35	19.2	45	1.69	88.3
F062467		2.57	0.010	0.33	6.69	21.4	70	0.63	0.12	8.52	0.12	8.75	29.1	141	0.49	392
F062468		2.33	0.009	0.29	6.35	24.7	40	0.54	0.26	8.16	0.07	12.25	43.0	125	0.55	351
F062469		2.52	0.006	0.20	7.15	17.4	60	0.65	0.08	8.48	0.06	8.65	27.2	139	0.91	193.5
F062470		<0.02	0.004	0.22	7.05	16.9	70	0.69	0.09	8.94	0.07	8.14	25.6	139	0.89	251
F062471		2.34	0.004	0.14	4.69	21.0	30	0.29	0.06	12.30	0.03	5.64	27.8	96	0.30	98.2
F062472		2.41	0.014	<0.01	5.09	29.0	30	0.29	0.04	15.00	<0.02	4.63	26.9	91	0.26	13.0
F062473		2.35	0.001	0.05	6.43	32.7	20	0.41	0.06	12.90	0.04	4.39	30.9	108	0.23	50.8
F062474		5.24	0.003	0.11	6.47	43.1	10	0.45	0.09	12.40	0.03	6.37	43.6	118	0.15	92.9
F062475		4.80	0.002	0.02	5.52	35.3	20	0.32	0.05	14.85	0.02	4.37	29.2	90	0.20	16.4
F062476		5.13	0.006	0.06	6.22	22.6	20	0.56	0.11	11.20	0.06	6.19	21.8	131	0.24	42.9
F062477		5.11	0.036	0.05	5.25	16.4	40	0.55	0.11	9.92	0.11	6.73	22.9	122	0.32	60.4
F062478		2.21	<0.001	0.01	5.27	10.1	30	0.49	0.04	10.60	0.03	15.30	15.5	67	0.26	1.5
F062479		3.09	0.002	0.01	6.06	10.9	50	0.51	0.03	9.72	0.04	20.3	12.9	75	0.36	10.1
F062480		0.11	1.160	70.0	6.42	49.9	170	1.13	2.50	1.97	16.35	26.1	20.5	132	2.00	7340
F062481		4.13	0.002	0.04	7.47	20.3	110	0.55	0.04	5.96	0.03	22.1	13.9	106	0.61	3.8
F062482		4.53	0.001	0.03	7.07	25.8	60	0.59	0.04	7.52	0.03	14.90	18.8	117	0.36	18.8
F062483		4.71	0.005	0.10	7.17	33.2	50	0.37	0.05	7.31	0.03	12.60	25.4	166	0.35	128.5
F062484		4.72	<0.001	0.06	6.77	22.4	60	0.55	0.04	7.71	0.03	26.9	20.3	95	0.42	19.2
F062485		4.75	<0.001	0.01	6.85	45.9	50	0.54	0.03	7.70	0.02	28.1	28.6	90	0.37	1.2
F062486		4.67	0.005	0.01	7.02	18.8	40	0.61	0.04	7.11	0.02	29.5	21.3	89	0.32	1.0
F062487		4.19	0.007	0.21	6.41	45.1	30	0.58	0.07	7.39	0.05	29.8	32.5	94	0.25	306
F062488		3.16	0.004	0.19	4.52	30.7	<10	0.33	0.13	9.45	0.05	20.7	30.5	69	0.44	268
F062489		2.71	0.085	0.18	4.43	14.1	10	0.46	0.22	8.10	0.05	13.30	29.5	78	0.54	212
F062490		0.96	<0.001	0.01	0.09	0.3	20	0.07	<0.01	32.2	0.02	0.93	0.8	5	<0.05	1.9
F062491		2.69	0.005	0.30	5.93	38.5	10	0.56	0.41	7.48	0.09	17.35	54.1	104	0.48	632
F062492		2.46	0.003	0.22	5.94	26.7	10	0.62	0.18	6.99	0.09	21.1	40.0	116	0.53	354
F062493		2.57	0.080	0.18	4.98	9.0	10	0.28	0.12	8.77	0.06	18.35	25.5	85	1.14	243
F062494		2.08	0.053	0.28	3.63	8.0	10	0.25	0.07	11.50	0.06	17.70	23.8	59	1.71	283
F062495		2.49	0.004	0.32	6.77	25.4	40	0.64	0.09	5.28	0.12	22.5	24.7	143	0.45	333
F062496		4.44	0.003	0.12	7.12	26.5	140	0.48	0.05	5.07	0.06	27.0	26.0	194	0.47	149.0
F062497		4.78	0.001	0.10	7.57	40.8	130	0.58	0.05	4.02	0.05	29.7	29.8	263	0.75	89.1
F062498		4.73	0.267	0.09	7.22	25.3	140	0.63	0.05	4.15	0.04	36.7	30.5	218	1.15	79.2
F062499		4.61	0.004	0.13	7.35	21.5	140	0.58	0.06	4.00	0.09	32.8	32.1	262	0.81	142.0
F062500		<0.02	0.010	0.15	7.24	21.2	140	0.60	0.06	4.03	0.08	32.1	33.0	258	0.81	149.0



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**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F062462		8.95	21.4	0.10	2.6	0.095	0.22	8.1	12.2	3.31	1425	0.42	1.86	5.7	46.9	660
F062463		9.18	16.70	0.05	2.1	0.086	0.39	6.3	16.8	3.83	1470	0.31	1.25	3.7	68.3	480
F062464		10.05	8.95	<0.05	1.1	0.081	0.18	9.5	11.3	5.91	1845	0.35	0.29	1.6	82.7	420
F062465		9.24	8.45	<0.05	1.4	0.048	0.22	8.6	9.9	5.64	1870	0.25	0.43	1.9	45.4	470
F062466		11.80	9.07	<0.05	1.3	0.062	0.32	9.3	12.4	5.52	2130	0.68	0.22	2.1	57.0	550
F062467		8.83	12.95	<0.05	1.0	0.068	0.59	3.7	16.2	5.31	1555	0.11	0.66	1.4	100.0	250
F062468		10.20	12.50	<0.05	1.2	0.095	0.41	5.5	18.6	5.55	1625	0.49	0.35	1.8	141.5	320
F062469		9.16	14.10	0.05	1.2	0.080	0.72	3.5	22.8	5.73	1735	0.24	0.45	1.8	101.5	250
F062470		8.96	13.75	0.06	1.1	0.084	0.76	3.3	22.3	5.64	1745	0.21	0.45	1.9	101.0	250
F062471		7.72	8.89	<0.05	0.7	0.037	0.23	2.4	25.5	5.45	1915	0.13	0.11	1.1	97.8	180
F062472		7.22	9.42	<0.05	0.8	0.030	0.24	1.8	28.4	7.43	1920	0.11	0.01	1.1	83.7	170
F062473		8.15	11.60	<0.05	0.7	0.043	0.22	1.6	35.7	7.04	1785	0.14	0.12	1.3	103.0	190
F062474		8.16	11.95	<0.05	0.9	0.042	0.11	2.4	20.2	6.74	1715	0.22	0.17	1.4	106.0	240
F062475		8.03	9.61	<0.05	0.7	0.027	0.20	1.6	27.9	7.66	1890	0.12	0.09	1.2	94.2	180
F062476		8.77	12.10	<0.05	0.9	0.051	0.27	2.7	12.0	5.64	1625	0.07	0.23	1.4	80.8	250
F062477		9.42	10.20	<0.05	0.8	0.040	0.48	3.0	8.4	4.85	1650	0.20	0.30	1.2	62.4	310
F062478		6.59	11.15	<0.05	1.6	0.029	0.32	7.4	13.8	5.57	1285	0.15	0.66	1.9	59.6	330
F062479		5.01	12.85	<0.05	2.0	0.027	0.50	9.6	15.3	5.00	1035	0.16	1.48	2.4	54.8	420
F062480		5.08	15.95	0.12	0.9	0.195	2.30	11.4	12.5	1.97	747	265	1.62	7.1	138.0	670
F062481		4.09	16.60	0.09	2.8	0.028	1.23	10.1	15.6	3.47	759	0.72	1.49	3.0	65.0	520
F062482		5.14	14.95	0.05	2.4	0.036	0.65	6.8	17.8	3.82	958	0.60	1.93	2.6	67.8	440
F062483		6.40	14.35	0.05	1.6	0.046	0.52	5.8	19.6	4.13	1045	0.46	1.69	1.8	86.9	340
F062484		6.46	15.45	0.05	2.5	0.038	0.69	13.1	12.8	4.88	1130	0.84	1.48	2.7	74.1	470
F062485		6.01	15.25	<0.05	2.5	0.039	0.58	13.7	12.6	4.52	1135	0.93	1.73	2.9	76.3	500
F062486		6.97	16.15	0.06	2.5	0.044	0.41	14.3	12.6	5.16	1175	0.70	2.03	3.0	81.7	490
F062487		7.12	14.10	0.07	2.1	0.061	0.26	15.2	9.9	3.75	1255	1.24	1.84	2.7	74.0	510
F062488		10.50	10.70	<0.05	1.4	0.064	0.07	10.0	13.9	5.48	1970	0.67	0.14	1.8	65.3	410
F062489		11.25	12.05	<0.05	1.3	0.052	0.15	6.3	7.5	4.78	1790	1.18	0.49	1.5	87.6	360
F062490		0.11	0.31	0.05	<0.1	0.007	0.01	1.1	0.9	1.02	78	0.18	0.05	0.1	1.1	50
F062491		12.10	13.50	<0.05	1.6	0.065	0.19	7.8	13.6	3.72	1780	0.69	0.52	2.2	114.0	400
F062492		11.15	14.10	<0.05	1.4	0.088	0.10	10.0	11.1	4.10	1800	0.33	0.18	2.1	74.3	360
F062493		11.10	11.55	<0.05	1.4	0.051	0.10	8.7	11.8	3.10	1950	0.53	0.05	1.9	55.9	380
F062494		9.55	9.38	<0.05	0.9	0.060	0.16	8.1	10.8	2.51	1970	0.33	0.06	1.2	53.1	270
F062495		6.36	15.00	<0.05	2.4	0.062	0.34	10.4	12.9	2.97	1085	1.15	1.68	3.6	73.6	470
F062496		5.91	14.65	<0.05	2.5	0.033	0.72	14.1	12.2	3.68	1035	0.56	2.05	3.8	155.5	490
F062497		5.73	16.80	0.07	2.6	0.029	0.58	14.9	21.3	3.63	969	0.73	2.26	4.2	169.5	470
F062498		5.38	16.05	0.05	3.3	0.037	0.51	18.0	17.6	3.42	886	0.86	2.36	5.2	175.0	530
F062499		4.64	15.15	0.08	2.8	0.035	0.47	16.1	19.2	3.79	802	0.54	2.49	4.2	201	480
F062500		4.55	15.50	0.07	3.0	0.039	0.47	16.1	19.8	3.73	802	0.74	2.46	4.3	199.5	470



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22122346**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F062462		2.2	10.6	0.002	0.12	7.33	38.7	1	1.1	238	0.36	<0.05	0.84	1.000	0.12	0.3
F062463		1.6	18.4	<0.002	0.22	4.54	33.5	1	1.0	153.5	0.24	<0.05	0.66	0.675	0.18	0.2
F062464		1.7	7.6	0.002	0.38	4.41	14.2	1	0.6	84.8	0.10	<0.05	0.74	0.199	0.10	0.3
F062465		1.0	10.0	<0.002	0.19	3.20	5.4	1	0.4	70.0	0.13	<0.05	1.10	0.144	0.10	0.5
F062466		1.0	19.8	0.003	0.26	4.72	7.8	1	0.6	65.4	0.14	<0.05	1.16	0.163	0.24	0.5
F062467		1.6	18.9	<0.002	0.23	4.25	33.1	1	0.5	97.4	0.09	<0.05	0.33	0.322	0.13	0.1
F062468		1.1	15.5	0.002	0.72	3.66	25.3	2	0.6	72.4	0.12	0.10	0.58	0.311	0.13	0.2
F062469		1.1	22.2	<0.002	0.09	3.36	33.9	1	0.6	75.8	0.12	<0.05	0.35	0.392	0.21	0.1
F062470		1.1	23.5	<0.002	0.10	3.36	33.8	1	0.6	76.1	0.12	<0.05	0.35	0.387	0.22	0.1
F062471		<0.5	7.0	<0.002	0.16	1.13	22.4	1	0.3	36.1	0.07	0.05	0.16	0.250	0.05	0.1
F062472		<0.5	8.5	<0.002	0.07	0.51	25.0	1	0.3	33.0	0.07	<0.05	0.19	0.262	0.05	0.1
F062473		0.8	7.6	0.002	0.03	2.47	32.3	<1	0.3	44.9	0.08	<0.05	0.15	0.319	0.04	0.1
F062474		1.4	3.2	0.002	0.20	5.00	31.0	1	0.3	64.1	0.09	<0.05	0.25	0.320	0.02	0.1
F062475		<0.5	6.9	<0.002	<0.01	1.58	27.1	<1	0.2	35.1	0.07	<0.05	0.18	0.285	0.03	0.1
F062476		1.8	7.5	<0.002	0.09	5.16	30.4	1	0.5	91.9	0.08	<0.05	0.22	0.317	0.06	0.1
F062477		1.3	16.0	<0.002	0.22	3.65	24.8	1	0.4	71.3	0.08	<0.05	0.26	0.254	0.09	0.1
F062478		1.3	10.4	<0.002	<0.01	2.00	10.6	<1	0.4	61.8	0.12	<0.05	1.09	0.193	0.05	0.3
F062479		1.3	15.9	<0.002	0.01	1.50	7.3	<1	0.5	75.4	0.16	<0.05	1.64	0.200	0.08	0.4
F062480		1510	67.2	0.108	2.39	132.5	8.4	5	4.4	357	0.44	0.43	4.33	0.228	1.41	1.7
F062481		2.2	41.7	<0.002	<0.01	1.62	9.5	<1	0.6	88.0	0.22	<0.05	2.14	0.251	0.24	0.5
F062482		1.2	23.1	<0.002	0.01	1.50	15.0	<1	0.6	83.5	0.18	<0.05	1.64	0.260	0.12	0.5
F062483		1.1	17.5	<0.002	0.06	2.40	26.4	<1	0.6	86.5	0.12	<0.05	1.00	0.314	0.09	0.4
F062484		1.5	24.2	<0.002	0.01	2.04	8.8	<1	0.6	90.1	0.19	<0.05	1.90	0.223	0.14	0.6
F062485		1.4	20.7	<0.002	<0.01	2.24	8.8	<1	0.6	93.8	0.20	<0.05	1.96	0.232	0.11	0.6
F062486		1.1	14.4	<0.002	<0.01	2.09	9.0	<1	0.6	116.0	0.20	<0.05	2.01	0.237	0.08	0.7
F062487		1.3	8.2	0.003	0.17	1.71	11.0	1	0.7	105.5	0.17	0.05	1.75	0.226	0.06	0.6
F062488		0.9	2.4	0.004	0.16	1.66	11.4	1	0.6	34.4	0.11	0.12	1.10	0.184	0.03	0.4
F062489		4.1	6.9	0.002	0.57	2.80	13.5	1	0.5	64.7	0.12	0.20	0.84	0.183	0.07	0.3
F062490		0.9	0.2	<0.002	<0.01	0.12	0.2	1	<0.2	87.2	<0.05	<0.05	0.06	<0.005	<0.02	0.2
F062491		1.6	7.9	0.003	1.12	2.40	21.8	2	0.6	91.7	0.15	0.30	1.06	0.259	0.05	0.3
F062492		2.0	4.8	0.002	0.54	4.37	27.2	1	0.7	132.0	0.13	0.12	0.88	0.272	0.06	0.3
F062493		1.4	8.8	0.002	0.47	1.76	16.5	1	0.6	75.2	0.13	0.10	1.02	0.225	0.10	0.3
F062494		1.0	15.0	<0.002	0.50	1.56	16.8	1	0.4	67.3	0.08	0.06	0.71	0.145	0.17	0.2
F062495		2.1	14.3	<0.002	0.16	2.66	22.8	1	0.7	151.5	0.27	0.06	1.96	0.300	0.09	0.8
F062496		2.5	19.9	<0.002	0.09	2.35	18.2	<1	0.6	186.0	0.30	<0.05	2.69	0.325	0.13	0.8
F062497		2.6	17.6	<0.002	0.03	1.44	24.5	<1	0.7	136.0	0.33	<0.05	3.08	0.346	0.14	1.0
F062498		2.3	22.4	<0.002	0.06	1.42	18.3	<1	0.9	194.0	0.42	<0.05	3.87	0.425	0.16	1.2
F062499		2.4	17.6	<0.002	0.08	1.05	19.3	<1	0.8	159.0	0.35	<0.05	3.43	0.322	0.13	1.1
F062500		2.1	17.0	<0.002	0.07	0.99	20.5	<1	0.8	159.5	0.37	<0.05	3.53	0.320	0.13	1.1



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Cu % 0.001
F062462		347	0.7	29.6	75	93.6	
F062463		263	0.8	20.8	73	79.7	
F062464		97	0.3	10.0	78	41.0	
F062465		48	0.2	8.7	65	55.4	
F062466		62	0.2	10.2	72	54.3	
F062467		202	0.3	13.7	62	34.3	
F062468		164	0.3	12.0	67	44.7	
F062469		211	0.3	12.9	68	44.4	
F062470		205	0.3	12.8	66	43.1	
F062471		144	0.3	8.9	56	24.1	
F062472		159	0.2	10.2	55	24.7	
F062473		199	0.3	11.8	70	24.7	
F062474		199	0.3	12.0	63	25.6	
F062475		167	0.2	9.6	70	24.1	
F062476		186	0.4	10.6	63	27.9	
F062477		145	0.3	9.0	64	24.2	
F062478		75	0.2	7.4	53	62.5	
F062479		58	0.3	6.8	42	86.2	
F062480		102	11.1	9.8	3210	26.0	
F062481		72	0.5	7.8	38	104.5	
F062482		101	0.5	9.7	44	88.1	
F062483		167	0.5	12.4	51	63.7	
F062484		69	0.3	8.4	50	94.6	
F062485		71	0.4	8.8	47	98.1	
F062486		69	0.3	9.3	46	100.5	
F062487		76	0.3	9.3	46	85.9	
F062488		80	0.2	9.4	72	52.1	
F062489		90	0.3	8.6	62	50.7	
F062490		1	<0.1	2.2	3	1.3	
F062491		125	0.4	12.9	64	64.0	
F062492		151	0.4	13.2	64	56.5	
F062493		99	0.4	11.1	65	54.5	
F062494		82	0.3	14.0	56	40.2	
F062495		134	0.6	12.2	51	94.0	
F062496		127	0.3	10.3	55	101.5	
F062497		146	0.8	11.6	62	104.0	
F062498		138	0.6	13.6	57	125.0	
F062499		118	0.5	11.7	61	111.0	
F062500		117	0.5	11.8	59	114.0	



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB2122346**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method.            ME-MS61</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 33%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21	LOG-21d	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21	LOG-21d										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-ICP22</td> <td style="width: 33%;">Cu-OG62</td> <td style="width: 33%;">ME-MS61</td> <td style="width: 33%;">ME-OG62</td> </tr> </table>	Au-ICP22	Cu-OG62	ME-MS61	ME-OG62								
Au-ICP22	Cu-OG62	ME-MS61	ME-OG62										



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**CERTIFICATE TB22124849**

Project: McVicar

This report is for 95 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 12-MAY-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations



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**CERTIFICATE OF ANALYSIS TB22124849**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F060701		2.38	0.001	0.24	6.87	143.0	350	0.71	0.15	4.27	0.11	31.8	17.2	93	1.23	55.5
F060702		2.58	0.012	3.62	7.29	497	400	0.58	0.36	3.91	2.68	40.8	18.4	71	1.54	35.0
F060703		2.46	0.085	6.40	7.43	2210	300	0.37	2.84	0.36	13.45	42.3	19.6	84	2.00	84.6
F060704		2.74	0.006	0.97	7.38	376	240	0.30	0.35	1.66	0.63	37.0	17.4	163	1.46	65.8
F060705		1.78	0.011	0.77	7.58	227	310	0.30	0.81	0.24	0.90	46.7	12.2	59	2.02	18.2
F060706		2.61	0.150	3.03	7.02	3340	320	0.16	2.88	0.38	10.15	37.1	15.9	61	1.61	41.6
F060707		2.66	0.024	3.42	6.62	713	260	0.51	0.58	2.55	0.65	36.2	29.5	344	1.14	289
F060708		4.70	0.004	1.64	7.00	75.3	390	0.57	0.45	3.53	12.40	33.1	16.4	69	1.33	45.8
F060709		5.16	<0.001	0.36	6.95	45.6	420	0.73	0.04	4.36	0.16	29.7	19.6	62	1.39	27.1
F060710		1.02	<0.001	0.01	0.05	<0.2	60	<0.05	0.02	19.15	0.05	0.58	0.6	2	0.61	2.2
F060711		4.67	0.004	1.25	7.84	67.3	390	0.58	0.35	1.66	7.65	39.6	17.0	75	1.61	57.0
F060712		4.80	0.002	0.80	7.42	80.7	330	0.58	0.16	1.62	3.19	35.7	22.2	137	1.51	23.6
F060713		5.18	0.001	0.19	7.74	21.7	350	0.72	0.09	1.31	1.59	37.2	10.6	34	1.61	25.3
F060714		4.98	0.004	0.35	7.24	42.7	180	0.41	0.05	3.33	0.09	19.45	35.5	140	0.87	95.2
F060715		4.70	<0.001	0.13	7.21	10.2	290	0.71	0.08	3.41	0.08	27.1	14.2	71	1.10	27.6
F060716		5.10	<0.001	0.30	7.93	24.0	290	0.66	0.06	2.55	0.68	31.9	15.4	59	1.37	31.7
F060717		4.53	0.001	0.54	7.26	24.4	190	0.63	0.08	1.83	1.48	30.0	12.8	46	1.28	27.3
F060718		4.92	0.003	0.90	7.85	124.5	130	0.43	0.16	5.47	4.21	13.60	49.4	183	0.87	156.5
F060719		5.31	0.004	0.84	7.36	97.1	100	0.27	0.09	6.77	7.28	6.97	50.6	182	0.51	136.5
F060720		<0.02	0.006	0.93	7.42	103.0	100	0.24	0.10	6.25	8.81	6.00	51.8	185	0.52	132.5
F060721		5.02	0.005	0.79	6.66	87.3	150	0.36	0.10	5.49	0.24	13.15	40.8	156	0.87	97.8
F060722		2.44	0.047	1.74	6.90	4710	160	0.37	0.93	2.96	26.6	28.6	36.0	92	1.08	113.5
F060723		2.51	0.006	0.50	7.30	42.1	120	0.24	0.02	6.70	0.11	4.14	42.6	245	0.94	93.4
F060724		5.15	0.018	0.16	7.26	13.6	90	0.19	0.19	6.97	0.12	5.91	44.2	185	0.67	116.5
F060725		4.82	0.198	0.09	7.15	3.6	130	0.35	0.17	6.10	0.07	22.1	31.8	122	0.51	72.4
F060726		4.87	0.036	0.03	7.31	4.4	240	0.42	0.15	5.24	0.03	28.0	25.9	95	0.87	52.0
F060727		3.86	0.006	<0.01	7.75	1.1	380	0.67	0.03	1.84	<0.02	49.1	9.2	9	1.25	14.4
F060728		3.54	0.021	0.05	6.86	3.9	10	0.18	0.25	7.31	0.04	5.80	42.2	147	0.31	93.3
F060729		5.21	0.023	0.08	7.10	6.8	40	0.16	0.21	7.49	0.05	5.60	42.1	176	0.27	191.0
F060730		0.11	1.130	70.5	6.64	50.9	180	1.07	2.51	2.03	16.80	29.0	21.9	126	2.08	7290
F060731		1.96	0.045	0.08	6.94	9.0	30	0.19	0.25	7.33	0.09	6.07	42.1	170	0.45	153.0
F060732		2.39	<0.001	0.02	7.93	3.1	330	0.62	0.03	1.48	0.10	46.9	10.6	12	0.92	14.4
F060733		5.63	0.007	0.08	7.41	6.6	20	0.25	0.11	7.47	0.08	9.46	47.7	138	0.28	157.0
F060734		5.32	0.054	0.07	7.61	7.9	60	0.14	0.17	8.29	0.04	5.10	42.4	206	0.28	62.6
F060735		5.47	0.015	0.04	7.36	9.7	40	0.11	0.29	8.96	0.04	4.82	41.1	206	0.24	51.3
F060736		5.46	0.057	0.08	7.36	11.9	20	0.16	0.28	8.22	0.07	5.03	43.7	207	0.21	151.5
F060737		5.42	0.099	0.05	7.32	6.1	30	0.17	0.19	8.27	0.06	4.81	42.2	206	0.22	77.6
F060738		4.39	0.043	0.08	7.37	5.0	30	0.11	0.13	8.21	0.05	4.71	44.9	213	0.24	116.5
F060739		2.99	0.012	0.04	7.35	9.4	30	0.15	0.16	8.50	0.06	4.54	42.1	203	0.31	57.7
F060740		0.93	<0.001	0.01	0.04	<0.2	120	<0.05	0.01	20.1	0.06	0.60	0.6	2	0.40	1.9



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**CERTIFICATE OF ANALYSIS TB22124849**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060701		3.51	17.70	0.15	3.2	0.032	2.15	14.4	82.6	1.58	1790	0.37	0.30	4.4	57.6	730
F060702		3.99	16.20	0.19	3.1	0.028	2.51	20.9	46.4	1.32	5410	0.61	0.26	3.9	52.6	680
F060703		6.24	17.00	0.19	3.2	0.075	3.08	20.4	10.4	0.19	346	0.55	0.35	2.4	63.0	760
F060704		4.33	14.95	0.16	2.4	0.019	2.46	18.1	47.3	1.68	3320	0.52	0.25	2.6	92.0	690
F060705		2.45	19.15	0.15	3.3	0.029	3.27	22.8	5.1	0.07	68	1.32	0.33	2.9	40.0	720
F060706		4.01	15.40	0.14	2.6	0.118	3.04	18.9	4.0	0.06	104	0.81	0.30	1.7	43.6	410
F060707		4.63	13.55	0.12	2.2	0.077	1.84	18.1	71.9	3.63	1310	0.29	0.15	2.0	292	470
F060708		4.01	16.35	0.15	2.5	0.069	2.51	14.6	46.5	1.89	2630	0.61	0.18	3.3	50.9	770
F060709		3.47	16.90	0.18	2.4	0.029	2.68	13.2	41.6	1.76	1510	0.72	0.18	3.5	50.1	690
F060710		0.09	0.24	0.18	<0.1	<0.005	0.02	<0.5	10.2	12.30	382	0.07	0.01	0.1	0.8	30
F060711		4.05	16.90	0.20	3.2	0.042	2.86	19.3	37.8	1.35	1990	0.72	0.19	3.0	51.8	710
F060712		3.82	16.35	0.15	3.0	0.041	2.54	17.5	49.2	1.66	2040	0.56	0.20	2.6	91.0	660
F060713		2.58	17.90	0.21	3.4	0.030	2.73	18.6	32.9	0.84	895	0.73	0.29	3.5	21.1	570
F060714		6.84	14.60	0.15	1.7	0.041	1.10	8.7	67.5	2.03	1465	0.30	0.88	1.4	123.0	400
F060715		3.18	15.70	0.20	2.5	0.024	1.74	12.2	52.7	1.63	760	0.54	1.00	2.9	41.2	610
F060716		3.36	17.40	0.19	2.8	0.025	2.12	15.2	57.0	1.48	880	0.59	0.62	2.8	42.1	650
F060717		3.97	16.30	0.15	2.5	0.023	2.20	14.8	41.8	1.32	1175	0.49	0.27	2.8	31.4	560
F060718		7.19	14.85	0.14	1.2	0.064	1.07	5.4	57.6	3.11	1785	0.20	0.81	2.2	142.0	370
F060719		8.16	13.90	0.13	0.7	0.107	0.52	2.6	46.2	3.57	1940	0.15	0.93	2.0	151.0	270
F060720		8.06	13.75	0.11	0.6	0.103	0.56	2.2	46.9	3.55	1970	0.15	0.94	1.8	151.5	250
F060721		9.56	12.40	0.12	1.2	0.049	0.84	5.7	41.9	3.33	1810	0.22	0.53	1.7	129.5	370
F060722		8.43	14.65	0.12	2.0	0.111	1.42	13.6	52.0	3.11	1895	0.60	0.06	1.9	91.7	490
F060723		6.61	12.75	0.10	0.6	0.043	1.34	1.5	61.2	3.66	1625	0.15	0.12	0.9	132.5	200
F060724		7.27	12.55	0.08	0.8	0.053	0.59	2.2	44.2	3.86	1365	0.14	1.12	1.2	127.5	230
F060725		6.03	13.35	0.13	1.3	0.041	0.35	9.6	29.0	3.16	996	5.05	2.15	2.6	92.4	390
F060726		5.22	14.05	0.11	1.4	0.036	0.84	13.3	32.2	2.44	820	0.27	2.27	3.1	63.2	440
F060727		2.66	16.20	0.16	2.0	0.021	1.40	23.0	19.8	1.39	369	0.28	3.26	5.2	10.4	670
F060728		7.54	12.15	0.10	0.6	0.050	0.03	2.1	35.4	4.21	1215	0.11	1.58	1.4	126.0	220
F060729		6.90	12.10	0.10	0.6	0.049	0.09	2.1	22.2	4.48	1160	0.18	1.59	1.4	135.5	210
F060730		5.20	15.40	0.14	0.8	0.200	2.33	13.3	12.2	1.96	760	269	1.66	7.4	139.0	660
F060731		7.53	12.50	0.08	0.7	0.050	0.08	2.2	38.1	4.08	1305	0.30	1.71	1.5	111.0	230
F060732		2.82	16.00	0.16	1.9	0.018	1.05	21.4	24.6	1.80	369	0.45	3.54	4.9	12.7	650
F060733		9.25	15.15	0.11	1.1	0.062	0.04	3.5	21.9	4.11	1505	0.27	1.32	2.3	95.8	350
F060734		7.29	11.90	0.09	0.6	0.047	0.17	1.8	14.2	4.30	1230	0.25	1.59	1.2	128.0	190
F060735		7.59	12.05	0.09	0.7	0.047	0.13	1.7	14.5	4.40	1275	0.17	1.18	1.2	127.5	190
F060736		7.64	12.30	0.09	0.7	0.048	0.07	1.8	18.3	4.24	1290	0.20	1.30	1.3	127.5	200
F060737		7.29	11.70	0.08	0.7	0.044	0.13	1.7	16.2	4.42	1245	0.27	1.31	1.2	130.0	190
F060738		7.60	12.30	0.08	0.7	0.053	0.13	1.7	17.4	4.60	1280	0.15	1.16	1.2	132.5	190
F060739		7.35	12.00	0.07	0.6	0.046	0.17	1.6	21.7	4.70	1265	0.39	0.88	1.2	134.5	190
F060740		0.08	0.13	0.10	<0.1	<0.005	0.01	<0.5	7.9	12.95	382	0.08	0.01	0.1	0.8	40





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**CERTIFICATE OF ANALYSIS TB22124849**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F060701		6.7	38.2	<0.002	0.13	6.26	12.3	1	0.8	107.0	0.34	<0.05	2.58	0.249	0.84	0.7
F060702		189.5	76.8	<0.002	2.34	10.95	11.6	3	1.2	95.2	0.29	<0.05	3.23	0.226	1.08	0.8
F060703		277	88.1	<0.002	6.76	53.7	12.1	4	4.8	84.4	0.18	<0.05	3.20	0.154	1.43	0.9
F060704		20.1	64.7	<0.002	2.35	10.40	11.3	1	0.9	61.1	0.21	<0.05	2.47	0.194	1.00	1.0
F060705		26.2	97.5	<0.002	2.26	13.75	9.9	1	2.1	63.8	0.24	<0.05	3.29	0.168	1.58	2.1
F060706		56.9	75.9	0.004	4.17	17.15	8.5	2	3.0	57.3	0.16	<0.05	2.52	0.120	1.32	1.3
F060707		42.6	50.4	<0.002	2.02	6.79	12.2	1	3.1	108.5	0.17	<0.05	2.36	0.134	0.76	0.6
F060708		42.0	57.6	<0.002	0.31	4.52	10.5	1	1.5	56.1	0.25	<0.05	1.93	0.230	1.04	0.6
F060709		8.9	56.3	<0.002	0.10	3.38	9.8	<1	0.7	46.2	0.25	<0.05	1.72	0.241	1.12	0.5
F060710		2.0	1.1	<0.002	<0.01	0.10	0.1	<1	<0.2	128.0	<0.05	<0.05	0.04	<0.005	0.08	0.2
F060711		44.4	88.5	<0.002	1.04	4.39	10.5	<1	1.9	29.5	0.24	<0.05	2.84	0.193	1.18	0.8
F060712		22.4	74.4	<0.002	1.05	4.19	11.4	<1	1.2	35.4	0.20	<0.05	2.60	0.169	1.03	0.8
F060713		7.5	88.1	<0.002	0.48	2.88	6.9	<1	1.0	47.1	0.27	<0.05	3.31	0.172	1.02	0.9
F060714		5.7	32.6	<0.002	1.18	2.65	21.6	1	0.4	74.6	0.11	0.08	1.17	0.188	0.44	0.3
F060715		7.5	35.8	<0.002	0.18	1.75	8.9	<1	0.6	60.1	0.22	<0.05	1.85	0.213	0.44	0.6
F060716		13.8	50.0	<0.002	0.66	2.34	9.2	<1	0.7	62.0	0.21	<0.05	2.28	0.196	0.60	0.7
F060717		42.8	59.7	<0.002	1.23	2.35	7.6	1	0.9	30.9	0.22	<0.05	2.27	0.171	0.79	0.7
F060718		16.8	26.9	<0.002	0.88	4.62	31.8	1	0.8	85.0	0.14	<0.05	0.66	0.406	0.40	0.2
F060719		10.0	11.9	0.002	0.27	2.79	36.7	1	0.6	83.3	0.14	<0.05	0.22	0.475	0.14	0.1
F060720		9.2	11.8	<0.002	0.31	2.70	36.5	1	0.7	74.4	0.12	<0.05	0.19	0.454	0.14	0.1
F060721		6.2	25.6	<0.002	1.04	1.68	30.1	1	0.5	37.9	0.12	<0.05	0.70	0.328	0.20	0.2
F060722		44.8	40.6	<0.002	2.10	7.26	20.0	2	1.5	25.7	0.13	0.06	1.73	0.187	0.35	0.4
F060723		1.6	32.1	<0.002	0.10	1.33	35.6	1	0.3	42.6	0.06	<0.05	0.14	0.298	0.24	<0.1
F060724		5.4	18.4	<0.002	0.16	1.07	36.8	1	0.7	81.8	0.08	<0.05	0.19	0.354	0.10	0.1
F060725		3.4	13.2	<0.002	0.12	0.79	26.5	<1	0.6	137.5	0.18	<0.05	1.32	0.364	0.07	0.4
F060726		1.9	25.8	<0.002	0.05	0.34	20.7	<1	0.7	139.0	0.20	<0.05	1.81	0.323	0.16	0.5
F060727		2.8	47.0	<0.002	0.02	0.27	5.8	<1	0.5	160.0	0.32	<0.05	3.34	0.220	0.31	1.0
F060728		1.5	0.8	<0.002	0.05	0.30	36.6	<1	0.6	138.5	0.10	0.08	0.18	0.384	<0.02	0.1
F060729		1.8	2.8	<0.002	0.02	0.55	38.2	<1	0.6	156.5	0.10	0.08	0.17	0.372	0.02	0.1
F060730		1510	74.9	0.109	2.44	139.0	8.1	5	4.4	363	0.48	0.47	4.54	0.234	1.37	2.0
F060731		1.1	3.4	<0.002	0.04	0.18	36.9	1	0.5	73.8	0.10	0.11	0.17	0.410	0.05	<0.1
F060732		2.5	34.0	<0.002	<0.01	0.12	6.3	<1	0.5	116.5	0.30	<0.05	3.42	0.208	0.21	1.1
F060733		1.5	0.9	0.002	0.12	0.68	39.4	1	0.5	132.5	0.15	<0.05	0.34	0.584	0.02	0.1
F060734		1.1	6.7	<0.002	0.05	0.57	40.4	<1	0.5	154.0	0.08	<0.05	0.14	0.359	0.04	<0.1
F060735		1.0	4.5	<0.002	0.05	0.73	39.9	<1	0.6	121.0	0.08	0.05	0.13	0.363	0.03	<0.1
F060736		1.1	2.2	0.002	0.10	0.66	41.2	1	0.6	111.5	0.09	0.06	0.14	0.381	0.02	<0.1
F060737		0.9	5.1	<0.002	0.06	0.53	41.1	1	0.5	104.0	0.08	0.05	0.14	0.356	0.04	<0.1
F060738		0.8	5.7	<0.002	0.07	0.48	41.2	<1	0.4	107.0	0.08	<0.05	0.14	0.360	0.05	<0.1
F060739		0.9	6.8	<0.002	0.04	0.73	40.0	<1	0.4	100.0	0.08	<0.05	0.13	0.351	0.06	<0.1
F060740		1.3	0.7	<0.002	<0.01	0.08	0.1	<1	<0.2	165.0	<0.05	<0.05	0.04	<0.005	0.05	0.2



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**CERTIFICATE OF ANALYSIS TB22124849**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F060701		91	0.2	8.8	139	135.0
F060702		82	0.3	8.6	433	127.0
F060703		87	0.9	8.9	1690	135.0
F060704		94	0.8	5.7	180	95.3
F060705		74	1.4	7.7	146	129.5
F060706		75	1.0	6.3	1330	102.0
F060707		85	0.6	5.1	221	89.4
F060708		80	0.4	6.5	1640	101.5
F060709		78	0.2	6.4	133	98.8
F060710		3	0.2	0.3	18	1.4
F060711		79	0.4	7.8	980	130.0
F060712		81	0.3	7.3	476	121.0
F060713		53	0.3	6.7	222	140.5
F060714		141	0.2	4.8	94	61.3
F060715		72	0.1	5.6	62	101.5
F060716		73	0.2	7.7	135	113.0
F060717		59	0.3	7.3	249	97.5
F060718		219	0.4	14.8	623	44.3
F060719		249	0.2	15.1	967	22.7
F060720		247	0.2	14.5	1150	18.0
F060721		191	0.5	11.3	157	43.4
F060722		130	1.3	5.7	3280	77.5
F060723		231	0.4	3.1	97	20.0
F060724		241	0.6	9.7	74	22.1
F060725		187	0.9	12.7	60	51.1
F060726		153	0.7	10.4	54	47.9
F060727		52	0.6	5.8	48	76.2
F060728		240	1.3	14.7	70	19.5
F060729		238	1.1	14.1	58	18.5
F060730		102	12.9	10.3	3170	26.4
F060731		245	2.3	15.6	78	18.7
F060732		56	0.7	5.9	43	71.9
F060733		299	1.6	20.3	94	38.0
F060734		245	1.2	14.0	59	17.7
F060735		248	1.3	13.7	59	15.8
F060736		248	1.4	14.7	65	18.3
F060737		243	1.8	14.3	62	17.9
F060738		246	1.9	14.0	65	18.4
F060739		242	1.2	13.6	64	17.8
F060740		3	0.1	0.3	19	0.6



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**CERTIFICATE OF ANALYSIS TB22124849**

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060741		1.25	0.269	2.42	7.40	8.2	40	0.17	0.84	8.95	0.84	4.41	55.0	209	0.42	4030
F060742		2.25	0.019	0.07	7.78	3.8	20	0.12	0.12	8.56	0.06	5.15	42.2	212	0.17	92.2
F060743		2.52	0.018	0.06	7.71	5.3	50	0.16	0.17	8.45	0.04	5.15	45.9	212	0.41	103.5
F060744		2.79	0.010	0.09	7.11	4.9	40	0.17	0.15	8.27	0.06	5.02	49.1	227	0.20	163.5
F060745		2.68	0.022	0.06	7.48	2.3	30	0.17	1.26	8.30	0.05	4.94	46.3	219	0.21	109.5
F060746		2.75	0.037	0.05	7.47	4.5	30	0.16	0.11	8.15	0.05	4.87	46.7	219	0.19	81.7
F060747		2.84	1.100	0.10	7.43	3.6	30	0.15	0.63	8.71	0.04	5.13	45.1	227	0.22	95.0
F060748		4.91	0.018	0.06	7.23	5.8	30	0.15	0.22	8.39	0.05	5.10	44.9	223	0.15	111.5
F060749		5.62	0.013	0.05	7.43	3.3	30	0.14	0.29	8.39	0.06	4.38	43.5	218	0.19	78.8
F060750		<0.02	0.017	0.04	7.26	3.7	30	0.15	0.43	8.36	0.05	4.52	46.7	215	0.16	78.6
F060751		5.73	0.017	0.07	7.68	2.9	20	0.13	0.33	9.03	0.06	4.91	46.7	240	0.15	109.5
F060752		5.02	0.045	0.06	7.11	3.4	30	0.15	0.25	8.09	0.06	4.54	46.7	223	0.21	92.3
F060753		5.73	0.071	0.04	7.31	3.0	30	0.13	0.27	8.67	0.05	4.61	41.6	225	0.21	72.6
F060754		4.73	0.227	0.05	7.30	3.3	60	0.20	0.25	7.72	0.04	7.28	43.0	223	0.42	59.1
F060755		5.21	0.248	0.10	7.25	5.1	50	0.20	0.58	7.84	0.05	6.11	45.2	203	0.45	118.5
F060756		5.50	0.014	0.06	7.27	8.8	30	0.13	0.20	8.12	0.06	4.49	43.3	212	0.28	89.3
F060757		5.55	0.006	0.04	7.39	3.6	20	0.12	0.11	8.68	0.04	4.46	38.4	233	0.16	76.6
F060758		5.63	0.051	0.08	7.73	3.9	70	0.16	0.32	8.20	0.05	5.12	46.1	242	0.45	98.4
F060759		5.65	0.087	0.08	7.29	5.6	50	0.19	0.48	8.04	0.14	6.35	42.6	204	0.55	114.0
F060760		0.96	<0.001	0.01	0.03	0.4	70	<0.05	0.01	19.95	0.07	0.51	0.6	2	0.39	2.3
F060761		5.23	0.017	0.05	7.42	2.3	50	0.20	0.21	7.70	0.06	6.37	46.3	233	0.42	55.7
F060762		2.01	0.057	0.02	7.16	4.5	110	0.19	0.51	7.25	0.06	4.42	45.8	237	0.63	34.2
F060763		1.75	0.005	0.06	8.41	2.3	90	0.59	0.14	5.64	0.03	33.1	25.1	60	0.48	80.3
F060764		3.93	0.040	0.09	7.21	2.9	40	0.16	0.40	8.55	0.08	4.76	40.0	214	0.34	92.1
F060765		5.60	0.014	0.03	7.12	2.1	50	0.14	0.23	7.78	0.04	5.04	44.0	215	0.31	60.4
F060766		5.43	0.010	0.07	7.51	4.0	50	0.15	0.16	8.18	0.06	5.55	44.5	151	0.43	105.5
F060767		4.74	0.014	0.06	7.40	4.3	50	0.16	0.38	8.11	0.04	4.99	41.8	215	0.33	94.8
F060768		5.04	0.012	0.10	7.69	6.7	60	0.17	0.32	7.86	0.03	5.22	49.5	234	0.53	123.5
F060769		4.72	0.010	0.07	7.34	6.4	80	0.23	0.27	8.00	0.09	7.86	44.8	282	0.69	67.5
F060770		<0.02	0.010	0.08	7.21	5.9	80	0.21	0.27	7.80	0.08	8.41	45.6	294	0.67	70.3
F060771		4.71	0.013	0.13	7.35	4.9	50	0.35	0.21	7.73	0.06	15.15	44.5	172	0.65	159.5
F060772		5.16	0.005	0.04	7.09	2.7	80	0.24	0.11	7.11	0.10	9.31	43.9	291	0.47	55.8
F060773		5.31	0.005	0.07	6.93	3.5	90	0.24	0.12	7.13	0.06	13.50	41.6	284	0.52	70.5
F060774		5.49	0.007	0.08	7.22	4.3	70	0.19	0.12	7.60	0.06	9.48	42.5	256	0.48	113.5
F060775		5.19	0.060	0.07	7.51	5.4	50	0.15	0.14	8.42	0.06	4.96	41.2	237	0.32	95.2
F060776		5.02	0.078	0.09	6.96	8.7	40	0.17	0.12	8.19	0.06	10.10	43.0	186	0.35	151.5
F060777		2.58	0.014	0.06	6.90	6.8	60	0.16	0.15	7.81	0.04	4.79	47.9	224	0.43	77.1
F060778		3.70	0.020	0.13	7.01	6.1	50	0.19	0.20	7.96	0.06	5.32	44.3	224	0.34	124.5
F060779		1.71	0.004	0.09	8.30	2.3	90	0.55	0.05	5.65	0.05	42.6	28.5	103	0.40	88.6
F060780		0.10	6.52	86.7	7.17	435	1990	0.81	0.49	4.99	21.8	42.9	22.2	74	2.54	732



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**CERTIFICATE OF ANALYSIS TB22124849**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F060741		7.60	12.95	0.07	0.7	0.116	0.27	1.6	27.0	3.77	1110	0.13	1.34	1.2	162.5	170
F060742		7.64	13.00	0.07	0.8	0.046	0.10	1.8	14.2	4.40	1265	0.11	1.34	1.2	129.0	190
F060743		7.42	12.80	0.08	0.6	0.043	0.30	1.8	19.8	4.44	1200	0.40	1.29	1.3	140.5	190
F060744		7.23	12.95	0.12	0.6	0.042	0.19	1.8	13.2	4.39	1140	0.39	1.33	1.2	144.0	180
F060745		7.42	12.20	0.11	0.6	0.049	0.16	1.8	16.4	4.68	1225	0.20	1.35	1.2	132.0	180
F060746		7.42	12.90	0.11	0.6	0.040	0.15	1.7	13.6	4.52	1210	0.24	1.38	1.2	143.0	180
F060747		7.48	14.00	0.07	0.6	0.052	0.12	1.8	18.8	4.61	1245	0.26	1.14	1.2	138.0	190
F060748		7.49	12.15	0.09	0.6	0.042	0.12	1.8	16.0	4.63	1250	0.44	1.25	1.2	133.0	190
F060749		7.54	12.55	0.07	0.6	0.047	0.13	1.6	14.2	4.52	1235	0.76	1.27	1.2	132.5	180
F060750		7.42	13.25	0.07	0.6	0.047	0.13	1.6	13.5	4.42	1230	0.95	1.30	1.2	134.5	180
F060751		7.70	13.15	0.06	0.6	0.047	0.10	1.8	14.2	4.54	1245	0.20	1.23	1.3	135.0	190
F060752		7.40	12.35	0.06	0.6	0.047	0.11	1.6	14.5	4.27	1190	0.22	1.32	1.2	133.5	180
F060753		7.36	12.30	0.06	0.6	0.043	0.12	1.7	12.6	4.50	1260	0.13	1.22	1.2	123.0	180
F060754		7.11	12.55	0.05	0.8	0.037	0.24	3.0	15.4	4.31	1195	0.23	1.48	1.4	142.0	210
F060755		7.05	12.55	0.05	0.7	0.045	0.25	2.4	23.3	4.14	1145	0.33	1.32	1.3	133.0	200
F060756		7.35	12.05	0.05	0.7	0.047	0.19	1.6	25.5	4.33	1185	0.44	1.27	1.2	117.0	180
F060757		7.65	10.95	<0.05	0.5	0.042	0.12	1.6	16.3	4.46	1300	1.96	1.20	1.1	109.5	200
F060758		7.89	13.05	0.05	0.6	0.049	0.35	1.8	17.1	4.65	1290	0.41	1.35	1.3	127.5	200
F060759		7.28	13.20	<0.05	0.6	0.047	0.27	2.5	25.3	4.46	1160	1.49	1.45	1.4	113.5	220
F060760		0.08	0.12	0.10	<0.1	<0.005	0.01	<0.5	7.5	13.10	387	0.08	0.02	0.1	0.8	30
F060761		7.84	13.65	<0.05	0.8	0.054	0.26	2.3	14.9	4.37	1260	0.39	1.74	1.7	116.5	230
F060762		7.41	10.95	<0.05	0.5	0.040	0.46	1.5	18.2	4.49	1210	0.35	1.91	1.2	118.5	200
F060763		5.39	15.40	0.07	2.4	0.041	0.21	15.1	23.4	2.25	818	0.91	2.71	4.4	70.4	630
F060764		7.06	12.85	0.05	0.5	0.039	0.19	1.7	20.0	4.15	1230	2.80	1.55	1.2	110.0	190
F060765		7.42	12.20	<0.05	0.5	0.053	0.24	1.8	17.6	4.60	1270	0.53	1.69	1.2	126.0	190
F060766		7.72	12.80	<0.05	0.8	0.056	0.29	1.9	25.7	4.69	1275	0.33	1.17	1.3	165.5	230
F060767		7.54	12.65	0.05	0.5	0.051	0.21	1.8	22.6	4.52	1235	0.78	1.38	1.3	122.5	200
F060768		7.98	13.00	<0.05	0.6	0.055	0.26	1.8	20.7	4.73	1315	1.78	1.53	1.3	131.0	200
F060769		7.55	12.80	<0.05	0.7	0.052	0.32	2.7	19.8	4.77	1250	3.13	1.65	1.4	145.5	250
F060770		7.46	12.80	<0.05	0.7	0.051	0.32	2.9	20.2	4.85	1240	1.30	1.61	1.5	150.5	270
F060771		8.22	13.75	<0.05	1.0	0.051	0.19	5.9	29.3	3.87	1320	1.11	1.30	3.7	103.0	320
F060772		7.36	11.95	0.05	0.8	0.050	0.29	3.8	27.4	5.07	1235	0.56	1.62	1.6	135.5	320
F060773		7.15	12.85	<0.05	1.1	0.058	0.31	5.9	28.2	4.93	1185	6.79	1.39	2.0	127.0	440
F060774		7.43	13.30	<0.05	1.0	0.054	0.25	3.9	27.8	4.79	1275	1.13	1.30	1.5	126.0	330
F060775		7.53	13.65	<0.05	0.6	0.049	0.21	1.8	21.9	4.59	1325	0.60	1.25	1.1	123.0	200
F060776		7.57	12.05	<0.05	0.6	0.046	0.17	4.0	40.1	3.97	1265	5.03	1.28	2.5	105.5	250
F060777		7.48	12.30	<0.05	0.5	0.053	0.25	1.7	33.5	4.17	1255	2.77	1.30	1.2	126.5	190
F060778		7.62	12.95	<0.05	0.5	0.055	0.16	2.0	26.1	4.13	1285	2.03	1.08	1.3	120.0	190
F060779		5.80	15.30	0.07	2.7	0.041	0.25	19.6	31.7	2.62	870	0.78	2.63	5.3	100.5	880
F060780		6.12	15.75	0.08	0.9	0.088	1.42	21.6	21.0	2.41	935	16.65	1.86	20.2	48.1	1270



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**CERTIFICATE OF ANALYSIS TB22124849**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
F060741		1.2	13.8	<0.002	0.56	0.38	39.7	5	1.3	86.2	0.08	0.79	0.12	0.362	0.13	<0.1
F060742		0.9	3.5	<0.002	0.06	0.47	42.6	<1	0.4	132.0	0.08	<0.05	0.13	0.373	0.04	<0.1
F060743		0.7	14.1	0.002	0.06	0.37	42.9	1	0.9	101.0	0.09	0.06	0.14	0.375	0.10	<0.1
F060744		1.5	5.7	0.002	0.07	0.43	49.3	1	0.6	105.0	0.09	0.07	0.13	0.355	0.06	<0.1
F060745		0.8	6.4	<0.002	0.08	0.29	46.1	1	0.4	91.1	0.08	0.71	0.13	0.354	0.06	<0.1
F060746		0.8	5.6	<0.002	0.08	0.34	46.2	<1	0.4	101.0	0.09	0.06	0.14	0.360	0.06	<0.1
F060747		0.9	4.1	0.002	0.08	0.49	47.0	1	0.6	111.0	0.08	0.24	0.13	0.362	0.04	<0.1
F060748		0.7	3.5	<0.002	0.05	0.40	43.9	<1	0.4	98.1	0.09	0.06	0.13	0.365	0.04	<0.1
F060749		0.8	5.0	<0.002	0.05	0.38	44.2	1	0.5	102.5	0.08	0.08	0.13	0.341	0.04	<0.1
F060750		0.7	3.9	<0.002	0.05	0.38	44.5	1	0.5	106.0	0.08	0.12	0.13	0.339	0.04	<0.1
F060751		0.9	3.3	<0.002	0.05	0.33	46.6	1	0.5	110.0	0.08	0.07	0.14	0.372	0.03	<0.1
F060752		0.7	3.3	<0.002	0.04	0.31	44.3	1	0.6	96.4	0.08	0.06	0.14	0.353	0.03	0.1
F060753		1.0	3.8	<0.002	0.01	0.40	43.2	<1	0.5	104.5	0.08	0.05	0.14	0.351	0.04	0.1
F060754		1.9	9.4	<0.002	<0.01	0.35	41.5	1	0.6	139.5	0.11	0.06	0.40	0.345	0.07	0.2
F060755		1.1	12.2	0.002	0.03	0.33	40.9	1	0.9	104.5	0.09	0.11	0.32	0.332	0.09	0.1
F060756		0.8	9.0	<0.002	0.06	0.42	40.7	1	0.6	85.1	0.08	0.07	0.13	0.346	0.06	<0.1
F060757		0.8	3.7	<0.002	0.06	0.35	37.3	1	0.5	101.0	0.07	0.05	0.12	0.371	0.03	<0.1
F060758		1.1	16.9	<0.002	0.08	0.39	45.7	1	0.7	117.0	0.09	0.09	0.14	0.384	0.12	<0.1
F060759		1.2	13.2	<0.002	0.07	0.36	40.8	<1	0.9	102.5	0.10	0.12	0.26	0.362	0.09	0.1
F060760		2.2	0.8	<0.002	<0.01	0.09	0.1	<1	<0.2	130.5	<0.05	<0.05	0.04	<0.005	0.05	0.2
F060761		1.0	12.3	0.002	0.01	0.27	41.9	1	0.7	122.0	0.11	0.06	0.22	0.443	0.08	0.2
F060762		0.8	20.5	0.002	0.01	0.23	40.7	<1	0.5	110.0	0.09	0.16	0.13	0.372	0.17	0.1
F060763		2.1	8.9	<0.002	0.04	0.17	22.9	1	0.7	185.5	0.36	<0.05	2.69	0.409	0.09	0.8
F060764		0.9	10.1	0.002	0.02	0.26	39.9	1	0.6	115.0	0.08	0.15	0.13	0.348	0.07	<0.1
F060765		0.9	10.7	0.002	0.01	0.24	40.8	<1	0.7	103.0	0.08	0.07	0.14	0.365	0.08	0.1
F060766		0.8	15.9	0.002	0.06	0.27	34.1	1	0.7	87.7	0.09	<0.05	0.16	0.388	0.10	<0.1
F060767		0.7	9.7	0.002	0.03	0.29	41.3	1	0.7	95.8	0.08	0.08	0.13	0.375	0.08	0.1
F060768		2.8	12.4	<0.002	<0.01	0.38	44.0	1	0.9	122.0	0.09	0.09	0.15	0.388	0.09	0.3
F060769		6.7	12.3	0.002	<0.01	0.68	41.4	1	0.7	164.5	0.10	0.05	0.50	0.368	0.11	0.6
F060770		6.8	12.2	0.002	<0.01	0.69	41.5	<1	0.7	158.5	0.10	0.06	0.64	0.359	0.11	0.7
F060771		3.0	9.3	0.002	0.07	0.32	34.1	1	0.7	167.5	0.23	0.06	0.44	0.479	0.07	0.2
F060772		1.3	14.6	0.002	0.02	0.22	40.8	1	0.6	129.0	0.11	<0.05	0.58	0.371	0.10	0.2
F060773		1.6	14.7	<0.002	0.04	0.30	37.0	1	0.7	154.5	0.13	<0.05	0.97	0.351	0.10	0.3
F060774		1.3	12.0	<0.002	0.08	0.43	41.5	1	0.5	117.0	0.11	<0.05	0.58	0.372	0.10	0.2
F060775		1.3	8.7	0.002	0.06	0.56	40.5	1	0.5	114.5	0.08	<0.05	0.16	0.379	0.08	<0.1
F060776		1.5	7.4	0.002	0.15	0.17	34.1	1	0.6	97.1	0.17	<0.05	0.30	0.418	0.05	0.1
F060777		1.0	12.2	<0.002	0.05	0.24	38.0	<1	0.7	91.7	0.08	0.06	0.13	0.344	0.09	<0.1
F060778		1.8	6.6	<0.002	0.05	0.49	39.1	<1	0.8	132.5	0.09	<0.05	0.15	0.353	0.06	<0.1
F060779		3.3	6.2	<0.002	0.05	0.32	21.5	<1	0.8	265	0.41	<0.05	2.87	0.461	0.09	0.9
F060780		2420	42.8	0.020	1.29	211	17.9	4	2.2	372	1.12	0.35	2.39	0.516	0.42	1.5



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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F060741		242	14.4	13.6	94	18.0
F060742		254	1.1	14.6	60	16.3
F060743		256	3.0	15.2	58	14.7
F060744		250	1.7	14.4	55	15.8
F060745		243	0.8	14.0	58	17.8
F060746		252	0.8	14.2	54	17.0
F060747		253	1.3	15.0	55	17.0
F060748		248	0.9	14.4	58	19.2
F060749		240	1.0	13.5	55	17.4
F060750		240	0.9	13.8	55	17.6
F060751		254	0.9	14.6	56	14.8
F060752		248	2.0	14.2	55	16.5
F060753		238	1.3	13.4	57	15.6
F060754		227	8.3	13.6	57	22.9
F060755		223	13.1	13.2	54	22.7
F060756		237	1.3	13.0	56	13.2
F060757		246	2.2	12.2	58	12.9
F060758		257	5.3	14.6	60	15.0
F060759		235	10.5	13.8	55	19.3
F060760		3	0.1	0.3	18	<0.5
F060761		258	1.6	15.8	60	23.9
F060762		246	1.3	14.2	56	14.1
F060763		149	1.0	15.6	60	99.2
F060764		231	3.7	13.4	59	12.8
F060765		239	2.9	14.0	56	20.0
F060766		227	1.7	14.6	58	19.0
F060767		246	1.3	14.2	61	13.7
F060768		257	8.4	15.2	74	15.5
F060769		245	2.6	14.0	83	19.2
F060770		240	2.5	13.7	83	19.7
F060771		227	1.7	15.8	86	28.8
F060772		235	1.0	17.0	67	26.0
F060773		218	2.8	19.3	67	36.7
F060774		237	5.2	18.0	68	30.7
F060775		248	1.3	15.0	63	18.8
F060776		218	1.4	13.6	67	17.5
F060777		223	1.3	13.4	59	13.6
F060778		229	6.5	14.4	62	14.1
F060779		160	1.2	17.6	71	114.5
F060780		202	15.7	13.5	3810	33.5



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F060781		2.04	0.006	0.16	6.60	2.3	140	0.26	0.11	6.01	0.13	18.95	27.2	148	1.13	69.8
F060782		2.54	0.001	0.02	0.54	<0.2	20	<0.05	0.01	0.49	<0.02	0.20	2.1	34	0.14	2.3
F060783		2.87	0.001	0.03	1.63	0.3	50	0.09	0.01	0.80	0.02	5.26	2.9	30	0.25	16.5
F060784		2.32	<0.001	0.10	5.51	0.4	150	0.24	0.03	4.38	0.06	7.03	25.3	178	1.06	27.4
F060785		2.27	0.006	0.07	6.76	0.3	320	0.72	0.10	2.52	0.04	24.0	7.5	18	1.74	23.3
F060786		2.15	<0.001	0.13	7.17	0.3	400	0.77	0.06	2.09	0.04	31.5	5.1	15	2.13	15.8
F060787		2.91	0.001	0.06	6.86	0.4	550	0.72	0.09	1.77	0.05	25.8	4.5	26	2.50	12.7
F060788		2.32	0.001	0.06	6.84	0.4	380	0.83	0.10	2.27	0.05	21.1	8.1	18	1.89	17.2
F060789		2.63	0.003	0.10	7.18	0.6	300	0.67	0.20	2.52	0.05	20.0	10.0	17	1.89	21.9
F060790		0.69	<0.001	0.01	0.04	<0.2	130	<0.05	0.01	20.1	0.06	0.67	0.6	1	0.43	2.7
F060791		2.53	<0.001	0.07	7.34	3.0	160	0.57	0.19	4.01	0.03	16.30	17.9	117	1.74	28.8
F060792		2.51	<0.001	0.14	7.06	1.6	340	0.67	0.38	2.17	0.04	21.9	7.1	17	2.07	19.0
F060793		2.31	<0.001	0.01	7.14	2.5	290	0.80	0.06	1.61	0.02	21.6	3.3	13	1.43	5.9
F060794		4.96	<0.001	0.08	7.05	0.5	340	0.69	0.12	1.66	0.02	20.8	3.0	9	1.50	8.4
F060795		4.90	<0.001	0.15	6.96	0.6	380	0.74	0.31	1.70	0.03	16.60	3.4	12	1.39	7.9

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



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
F060781		5.59	11.55	<0.05	1.3	0.038	0.73	8.0	41.8	3.07	937	12.25	1.56	2.4	88.5	410
F060782		0.68	1.32	<0.05	<0.1	<0.005	0.19	<0.5	3.3	0.26	111	2.76	0.02	0.1	9.3	10
F060783		0.80	2.84	0.05	0.6	0.007	0.40	2.6	3.6	0.31	153	0.50	0.58	0.6	5.9	120
F060784		5.43	10.45	<0.05	0.7	0.028	1.53	3.1	37.1	3.10	873	5.33	0.39	1.1	83.3	160
F060785		2.07	14.75	0.09	2.0	0.020	2.18	9.9	19.0	0.71	456	0.61	2.85	5.3	15.6	290
F060786		1.70	15.15	0.11	1.9	0.017	2.19	13.6	20.5	0.47	370	0.29	2.93	6.8	8.0	290
F060787		1.51	14.35	0.11	1.6	0.012	2.13	10.7	19.3	0.39	341	0.24	2.88	6.6	6.3	250
F060788		2.10	15.30	0.10	2.3	0.018	2.13	8.9	23.7	0.69	406	0.37	2.72	5.8	13.6	300
F060789		2.37	14.50	0.12	2.0	0.017	2.19	8.6	30.9	0.96	457	0.57	2.54	4.8	22.3	300
F060790		0.08	0.20	0.17	<0.1	<0.005	0.02	<0.5	5.4	12.60	375	0.08	0.02	0.1	1.0	40
F060791		3.74	14.50	0.13	1.6	0.028	1.91	7.3	28.6	2.08	733	0.58	2.04	4.6	51.7	220
F060792		1.95	14.40	0.15	2.0	0.019	2.35	9.2	28.7	0.72	409	3.74	2.74	5.3	12.6	270
F060793		1.26	14.50	0.14	2.0	0.012	2.69	8.7	21.0	0.30	308	0.20	2.88	6.0	4.7	190
F060794		1.26	12.55	0.10	1.6	0.009	2.70	8.6	21.3	0.29	320	0.19	2.83	4.9	4.0	190
F060795		1.28	13.50	0.16	1.6	0.008	2.42	7.2	24.1	0.30	301	0.39	2.76	4.7	4.7	220

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





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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22124849**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F060781		5.0	31.4	<0.002	0.15	0.34	24.3	<1	0.6	121.0	0.17	0.05	1.10	0.321	0.17	0.3
F060782		0.6	6.6	<0.002	0.01	0.11	2.2	<1	0.2	8.8	<0.05	<0.05	0.01	0.016	0.04	<0.1
F060783		1.0	13.3	<0.002	0.03	0.08	2.0	<1	0.3	30.6	<0.05	<0.05	0.35	0.040	0.07	0.2
F060784		1.9	53.5	0.002	0.05	0.14	23.5	<1	0.5	83.5	0.12	<0.05	1.11	0.146	0.24	0.4
F060785		4.6	66.3	<0.002	0.12	0.15	5.8	<1	0.9	170.5	0.65	<0.05	5.46	0.131	0.39	1.6
F060786		6.9	73.7	<0.002	0.03	0.14	4.2	<1	0.9	200	0.82	<0.05	6.83	0.132	0.39	2.2
F060787		13.9	70.4	<0.002	0.01	0.16	3.5	<1	0.8	233	0.85	<0.05	7.32	0.117	0.42	2.1
F060788		10.8	66.0	<0.002	0.06	0.15	6.0	<1	0.8	212	0.82	<0.05	4.93	0.138	0.39	2.1
F060789		11.4	63.5	<0.002	0.04	0.17	7.5	<1	0.6	208	0.67	0.06	4.91	0.141	0.38	2.1
F060790		1.7	0.8	<0.002	<0.01	0.08	0.1	<1	<0.2	140.5	<0.05	<0.05	0.06	<0.005	0.05	0.2
F060791		10.5	60.5	<0.002	0.01	0.36	16.6	<1	0.6	163.5	0.76	0.05	5.30	0.202	0.36	3.0
F060792		10.7	65.6	<0.002	0.02	0.18	5.8	<1	0.6	204	0.74	0.12	4.67	0.138	0.41	2.3
F060793		7.2	69.7	<0.002	<0.01	0.11	2.4	<1	0.7	190.0	0.91	<0.05	5.54	0.098	0.34	2.0
F060794		7.3	67.9	<0.002	0.02	0.10	2.2	<1	0.6	159.5	0.73	<0.05	4.83	0.093	0.36	1.9
F060795		6.7	67.6	<0.002	0.05	0.13	2.4	<1	0.7	172.0	0.48	0.07	3.11	0.100	0.35	1.1

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



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Project: McVicar

CERTIFICATE OF ANALYSIS TB22124849
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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F060781		171	2.2	12.2	59	52.0
F060782		17	0.3	0.5	7	1.1
F060783		21	1.2	1.4	7	22.2
F060784		155	2.3	3.9	68	23.2
F060785		44	1.8	4.5	31	63.3
F060786		29	1.0	5.4	30	60.5
F060787		25	0.7	5.9	30	51.2
F060788		44	1.7	5.8	35	76.3
F060789		48	3.8	5.8	41	66.5
F060790		2	0.2	0.4	15	0.7
F060791		108	2.8	11.4	48	44.7
F060792		40	7.7	7.5	36	62.1
F060793		18	2.6	7.2	26	55.3
F060794		19	1.0	4.7	27	47.8
F060795		20	1.3	3.9	25	50.0



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**CERTIFICATE OF ANALYSIS TB22124849**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method.            ME-MS61</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 33%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21	LOG-21d	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21	LOG-21d										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Au-ICP22</td> <td style="width: 50%;">ME-MS61</td> </tr> </table>	Au-ICP22	ME-MS61										
Au-ICP22	ME-MS61												



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 This copy reported on 8-JUN-2022  
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**CERTIFICATE TB22128438**

Project: McVicar

This report is for 132 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 17-MAY-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations



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**CERTIFICATE OF ANALYSIS TB22128438**

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOD		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F061001		2.30	<0.001	0.56	8.29	22.6	410	0.85	0.03	0.40	0.38	39.3	25.3	171	2.09	50.5
F061002		5.42	<0.001	1.52	7.99	42.3	390	0.67	0.05	0.41	1.38	37.2	20.4	96	2.08	34.5
F061003		2.60	<0.001	1.56	8.25	36.3	320	0.66	0.06	0.55	0.21	39.3	26.6	164	3.28	40.8
F061004		4.65	<0.001	0.46	8.51	19.6	430	0.93	0.07	0.97	0.41	46.8	28.7	89	1.48	47.6
F061005		3.61	<0.001	0.16	8.34	18.0	400	0.74	0.09	0.25	0.16	43.2	27.2	91	1.56	44.3
F061006		5.88	<0.001	0.44	7.94	55.4	370	0.61	0.04	0.45	0.60	37.1	32.0	108	1.44	45.8
F061007		3.58	<0.001	0.38	8.32	27.4	370	0.60	0.03	0.23	0.81	36.4	22.9	79	1.40	32.5
F061008		1.89	0.002	0.57	8.40	15.0	290	0.67	0.04	0.24	0.29	25.9	29.0	171	1.30	55.1
F061009		3.81	<0.001	0.41	7.94	19.6	230	0.55	0.05	0.77	0.12	25.2	34.8	138	0.90	74.7
F061010		0.92	<0.001	<0.01	0.10	0.4	20	<0.05	0.01	32.6	<0.02	1.01	0.8	2	<0.05	1.6
F061011		2.38	0.004	1.08	8.00	64.2	280	0.57	0.05	3.06	1.54	35.6	31.1	202	1.14	55.6
F061012		2.11	0.003	0.34	7.58	23.6	260	0.73	0.04	4.59	0.11	52.6	31.2	146	1.08	57.0
F061013		2.42	<0.001	0.24	7.99	19.4	290	0.75	0.03	4.21	0.10	47.1	21.7	180	1.14	44.8
F061014		2.41	<0.001	0.36	7.80	15.8	290	0.88	0.03	4.59	0.13	48.5	22.4	160	1.04	54.0
F061015		2.28	0.001	0.48	7.85	40.0	310	0.73	0.06	3.74	0.64	45.8	28.8	124	1.31	53.7
F061016		2.46	0.001	0.41	7.78	27.7	300	0.67	0.07	3.62	1.08	45.6	23.0	117	1.38	48.3
F061017		2.16	<0.001	0.18	7.82	7.0	340	0.68	0.06	3.05	0.10	29.7	17.0	39	1.50	27.2
F061018		2.45	<0.001	0.22	8.00	14.9	330	0.75	0.10	2.77	0.05	29.2	15.0	38	1.61	31.7
F061019		2.32	<0.001	0.30	8.34	18.1	300	0.77	0.08	2.54	0.05	33.4	15.0	31	1.68	42.5
F061020		0.11	1.180	69.7	6.78	55.8	370	1.14	2.69	2.03	16.80	31.5	23.5	135	2.24	7320
F061021		2.63	0.005	0.35	6.58	46.8	150	0.44	0.12	3.11	2.09	27.6	18.6	54	0.74	71.5
F061022		2.32	0.002	0.85	8.06	69.6	230	0.27	0.02	5.12	0.28	4.50	56.4	300	1.37	164.0
F061023		2.22	0.001	0.63	8.13	50.5	80	0.20	0.01	8.31	0.16	5.57	48.2	220	0.51	141.0
F061024		1.68	<0.001	1.19	7.72	68.6	50	0.20	0.04	6.73	0.46	5.36	50.3	232	0.38	107.0
F061025		1.47	0.027	2.97	8.13	967	240	0.26	0.95	2.86	30.1	5.43	58.6	254	1.45	228
F061026		2.24	0.010	2.35	7.31	168.5	160	0.21	1.76	5.76	18.95	4.39	53.5	223	1.02	141.5
F061027		2.49	0.003	0.93	7.10	47.1	30	0.17	0.02	8.44	0.23	7.22	45.9	191	0.39	153.0
F061028		2.12	0.013	0.92	7.42	127.0	200	0.23	0.09	6.40	6.44	8.17	53.0	193	1.16	132.0
F061029		1.75	0.011	1.16	7.08	80.2	200	0.64	0.20	5.24	0.54	18.45	43.9	222	1.16	95.6
F061030		<0.02	0.010	0.57	7.10	78.2	220	0.63	0.17	5.14	0.40	17.60	43.2	225	1.18	101.5
F061031		1.15	0.014	0.79	3.69	50.5	40	0.52	0.10	4.45	1.18	8.36	24.1	104	1.83	65.7
F061032		3.74	0.005	0.52	7.33	13.6	10	0.20	0.02	6.19	0.11	3.85	49.1	206	0.33	110.5
F061033		3.37	0.002	0.17	7.02	26.3	280	0.59	0.14	2.62	0.22	47.1	13.7	35	1.60	14.8
F061034		1.55	0.021	0.42	2.26	42.0	10	0.35	0.38	2.70	0.75	13.65	12.4	21	0.29	64.1
F061035		2.38	0.012	0.63	5.39	149.5	130	0.41	0.09	5.15	0.18	9.18	38.3	144	0.86	83.2
F061036		2.26	0.011	1.44	7.50	317	130	0.25	0.43	3.90	38.5	5.73	47.2	194	1.03	138.5
F061037		1.91	0.015	0.95	7.50	202	100	0.23	0.22	4.76	1.49	5.28	50.8	176	0.86	94.7
F061038		2.59	0.004	0.83	7.28	108.5	180	0.25	0.20	6.16	0.49	8.18	45.7	187	1.15	120.5
F061039		2.22	0.014	0.49	7.72	47.5	150	0.35	0.03	6.37	0.14	6.32	51.0	283	1.10	114.0
F061040		0.69	<0.001	<0.01	0.10	0.6	20	0.05	0.01	34.4	0.02	0.97	1.0	3	<0.05	1.7



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**CERTIFICATE OF ANALYSIS TB22128438**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F061001		2.73	19.70	0.07	3.4	0.027	2.20	17.6	57.8	1.41	624	0.21	0.38	4.6	117.5	1030
F061002		3.73	18.45	0.06	3.3	0.027	2.17	17.0	55.7	1.05	632	0.26	0.42	4.2	68.3	820
F061003		4.43	18.05	0.07	3.1	0.030	1.65	17.6	78.7	1.97	967	0.26	0.34	5.1	88.1	990
F061004		5.02	19.75	0.08	3.4	0.039	1.82	21.9	76.1	2.10	1795	0.60	0.20	4.9	59.1	1140
F061005		4.32	20.6	0.07	3.7	0.031	2.07	19.7	75.4	2.04	1240	2.09	0.33	4.5	58.4	890
F061006		3.95	18.55	0.06	3.2	0.029	2.55	17.8	43.2	1.35	2410	0.61	0.25	3.4	71.2	810
F061007		3.66	20.4	0.07	3.4	0.032	2.60	17.2	43.7	1.29	1920	0.41	0.36	3.7	55.8	780
F061008		4.26	19.75	0.05	2.6	0.036	1.91	11.4	70.8	2.02	1790	0.15	0.51	2.3	93.2	650
F061009		7.32	16.70	0.05	2.3	0.031	1.12	11.6	81.1	2.36	1715	0.42	0.58	1.9	91.7	570
F061010		0.14	0.28	<0.05	<0.1	<0.005	0.02	1.1	1.5	1.26	85	<0.05	0.02	0.1	1.0	60
F061011		4.98	17.45	0.07	2.8	0.029	1.94	16.7	61.2	2.03	1450	0.51	0.31	2.5	123.0	720
F061012		4.76	18.85	0.08	3.6	0.039	1.83	22.7	58.0	1.97	1390	0.49	0.28	7.2	91.1	1390
F061013		4.55	18.70	0.06	3.4	0.039	1.85	21.5	63.7	2.14	1005	0.56	0.35	5.4	90.9	1150
F061014		4.53	18.75	0.07	3.5	0.042	1.63	21.3	58.8	2.17	1115	0.47	0.78	6.3	90.3	1330
F061015		5.03	18.30	0.07	3.5	0.038	2.09	20.6	45.8	1.71	1300	0.55	0.53	5.6	91.0	1180
F061016		4.54	18.15	0.07	3.4	0.039	1.99	20.4	58.4	2.22	1430	0.42	0.26	5.1	80.0	1160
F061017		3.25	18.70	0.05	3.1	0.025	2.04	13.6	57.5	1.84	848	0.92	0.60	3.5	31.0	640
F061018		2.85	19.95	0.06	3.3	0.025	2.25	13.2	49.6	1.48	710	0.70	0.53	3.9	29.2	660
F061019		3.24	19.50	0.06	3.2	0.026	2.28	16.2	56.7	1.79	808	0.80	0.40	4.0	27.4	650
F061020		5.28	16.85	0.08	0.9	0.212	2.33	14.4	13.7	2.06	759	272	1.68	8.8	145.0	690
F061021		8.86	15.50	0.07	2.5	0.036	1.04	13.2	55.7	2.53	2120	1.78	0.11	2.7	52.6	540
F061022		5.91	16.75	<0.05	0.5	0.061	2.06	1.6	58.7	2.34	1705	0.18	0.36	1.4	175.5	250
F061023		7.06	15.25	<0.05	0.4	0.057	0.51	2.0	70.4	3.39	1565	0.13	1.13	1.6	170.5	250
F061024		7.86	16.40	<0.05	0.7	0.057	0.33	1.9	53.6	4.15	1660	0.15	0.50	1.5	112.0	260
F061025		8.27	14.00	<0.05	0.7	0.934	2.00	2.1	45.3	2.56	1530	0.51	0.55	1.1	190.0	220
F061026		7.89	13.70	<0.05	0.5	0.148	1.32	1.6	49.6	3.15	2040	0.29	0.56	1.3	182.0	220
F061027		7.43	13.70	<0.05	0.8	0.054	0.12	2.8	40.8	3.60	1460	0.19	0.99	1.8	151.5	250
F061028		7.52	13.75	<0.05	0.7	0.072	1.03	3.6	49.1	3.58	1830	0.29	0.77	1.6	150.5	270
F061029		9.25	13.15	<0.05	1.0	0.057	0.88	8.2	45.0	3.87	1800	0.78	0.81	1.8	150.0	470
F061030		8.67	13.55	<0.05	1.0	0.057	0.99	7.8	44.6	3.81	1760	0.78	0.82	1.8	150.0	470
F061031		20.0	7.96	<0.05	1.0	0.093	0.18	4.0	12.6	2.58	1830	0.33	0.01	1.5	67.5	380
F061032		7.85	12.75	<0.05	0.5	0.043	0.02	1.4	35.8	5.15	1400	0.12	1.18	1.1	190.0	200
F061033		6.99	15.20	0.06	3.0	0.023	2.34	24.0	26.7	2.54	1570	0.64	0.10	2.6	36.4	750
F061034		20.1	5.31	<0.05	1.0	0.025	0.09	7.5	3.6	2.00	2520	0.51	0.01	1.4	26.6	380
F061035		13.30	11.00	<0.05	1.1	0.048	0.81	4.2	23.3	3.73	2780	0.25	0.02	1.3	96.7	350
F061036		10.40	13.80	<0.05	0.8	0.452	0.84	2.2	56.6	4.33	2810	0.18	0.26	1.0	157.5	210
F061037		8.77	13.20	<0.05	0.8	0.045	0.75	2.0	66.0	4.65	2890	0.16	0.47	1.0	151.0	230
F061038		7.12	13.75	<0.05	1.0	0.047	1.47	3.5	56.9	4.03	2430	0.18	0.04	1.3	129.0	240
F061039		6.53	13.80	0.05	0.6	0.048	1.62	2.7	55.8	3.72	1855	0.13	0.16	1.0	159.0	250
F061040		0.16	0.27	0.05	<0.1	0.006	0.02	1.2	1.1	0.93	92	<0.05	0.02	0.1	1.1	60



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**CERTIFICATE OF ANALYSIS TB22128438**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F061001		6.4	66.0	<0.002	0.29	2.65	13.4	<1	0.8	133.5	0.31	<0.05	3.32	0.310	0.57	0.7
F061002		12.5	64.3	<0.002	1.37	3.17	10.4	<1	0.8	169.5	0.29	<0.05	3.16	0.283	0.58	0.7
F061003		8.5	51.0	<0.002	0.44	3.27	13.4	<1	0.8	139.0	0.32	<0.05	3.21	0.314	0.42	0.6
F061004		13.1	56.9	<0.002	0.17	4.19	14.6	<1	1.0	122.5	0.32	<0.05	3.68	0.347	0.47	0.8
F061005		6.8	60.4	<0.002	0.27	4.61	13.4	<1	0.9	91.4	0.31	<0.05	3.58	0.252	0.55	0.9
F061006		5.6	83.1	<0.002	0.20	6.01	11.6	<1	0.7	38.2	0.23	<0.05	3.03	0.214	0.98	0.7
F061007		7.7	78.1	<0.002	0.36	3.88	10.7	<1	0.7	50.3	0.26	<0.05	3.21	0.230	1.12	0.8
F061008		6.4	55.9	<0.002	0.12	3.87	19.3	<1	0.6	57.1	0.16	<0.05	1.87	0.209	0.72	0.5
F061009		10.1	34.0	<0.002	0.49	2.59	18.0	<1	0.5	55.2	0.13	<0.05	1.90	0.199	0.31	0.6
F061010		<0.5	0.6	<0.002	<0.01	0.05	0.3	1	<0.2	91.1	<0.05	<0.05	0.12	0.006	<0.02	0.2
F061011		233	49.6	<0.002	0.57	3.50	18.4	<1	0.7	61.2	0.15	<0.05	2.39	0.197	0.53	0.7
F061012		8.7	48.7	<0.002	0.42	2.76	13.0	<1	0.8	51.1	0.38	<0.05	2.53	0.417	0.46	0.7
F061013		7.9	43.7	<0.002	0.26	2.70	14.6	<1	0.7	57.8	0.31	<0.05	2.62	0.338	0.44	0.7
F061014		7.9	34.1	<0.002	0.31	2.52	13.2	<1	0.8	66.2	0.36	<0.05	2.46	0.373	0.42	0.6
F061015		23.7	51.8	<0.002	1.74	2.48	11.5	<1	0.8	55.2	0.33	<0.05	2.57	0.347	0.61	0.7
F061016		22.8	51.0	<0.002	0.81	2.43	10.9	<1	0.8	48.4	0.30	<0.05	2.54	0.312	0.59	0.7
F061017		6.2	43.2	<0.002	0.31	2.32	8.9	<1	0.6	55.5	0.24	<0.05	2.36	0.215	0.59	0.7
F061018		6.5	46.5	<0.002	0.33	2.27	9.9	<1	0.7	58.4	0.27	<0.05	2.43	0.237	0.70	0.7
F061019		8.7	53.7	<0.002	0.57	2.13	9.8	<1	0.7	48.9	0.27	<0.05	2.63	0.236	0.76	0.8
F061020		1550	84.9	0.112	2.50	145.5	8.9	6	4.8	381	0.54	0.45	5.15	0.246	1.50	2.0
F061021		3.9	24.8	<0.002	1.73	2.05	9.5	1	0.7	17.2	0.19	0.11	2.11	0.170	0.37	0.7
F061022		5.6	33.0	0.002	0.69	4.13	36.7	<1	0.6	38.1	0.09	<0.05	0.13	0.381	0.87	<0.1
F061023		9.9	14.2	0.002	0.22	4.59	37.3	1	0.4	84.3	0.09	<0.05	0.16	0.447	0.18	<0.1
F061024		72.5	5.8	0.002	0.16	6.10	43.8	1	0.8	95.9	0.09	<0.05	0.21	0.471	0.14	0.1
F061025		46.6	53.1	<0.002	3.95	5.03	36.5	2	2.0	28.3	0.07	0.05	0.15	0.340	0.79	<0.1
F061026		42.6	23.5	0.002	1.64	3.87	33.6	1	1.4	35.5	0.08	<0.05	0.13	0.390	0.53	<0.1
F061027		12.2	3.7	0.002	0.13	4.95	36.9	1	0.4	111.5	0.11	0.05	0.26	0.435	0.04	0.1
F061028		6.6	27.2	<0.002	0.47	2.60	37.0	1	0.7	63.2	0.11	0.05	0.45	0.387	0.28	0.1
F061029		19.4	26.8	<0.002	0.61	2.54	32.6	1	0.7	102.5	0.11	0.07	1.28	0.355	0.24	0.4
F061030		18.3	24.1	<0.002	0.54	2.22	34.0	1	0.6	106.0	0.11	0.06	1.20	0.364	0.28	0.4
F061031		3.1	6.5	<0.002	1.72	3.70	16.8	1	0.6	21.5	0.09	0.11	0.44	0.240	0.08	0.1
F061032		14.2	0.4	<0.002	0.06	2.76	35.1	1	0.4	106.0	0.08	<0.05	0.10	0.356	<0.02	<0.1
F061033		3.9	69.6	<0.002	0.30	1.97	8.7	<1	1.2	24.1	0.18	<0.05	3.35	0.184	0.62	0.6
F061034		3.3	2.5	<0.002	3.76	2.37	3.1	1	0.4	19.6	0.10	0.14	1.04	0.079	0.03	0.3
F061035		5.5	26.7	<0.002	0.92	1.68	24.4	1	0.5	48.2	0.09	0.18	0.41	0.212	0.21	0.1
F061036		9.7	25.0	<0.002	0.99	1.42	37.0	1	2.4	46.9	0.06	<0.05	0.16	0.241	0.21	<0.1
F061037		5.9	18.4	<0.002	0.37	1.25	36.6	1	1.7	55.6	0.07	<0.05	0.17	0.278	0.18	<0.1
F061038		9.1	38.8	<0.002	0.50	1.49	34.9	1	1.0	59.4	0.08	<0.05	0.41	0.297	0.29	0.1
F061039		3.5	35.8	<0.002	0.12	1.28	39.4	1	0.6	60.3	0.06	<0.05	0.26	0.327	0.30	0.1
F061040		<0.5	0.5	<0.002	<0.01	0.06	0.4	1	<0.2	87.9	<0.05	<0.05	0.05	0.006	<0.02	0.1



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
F061001		93	0.8	10.2	109	139.0
F061002		86	0.7	9.6	79	133.0
F061003		92	2.1	10.7	124	129.0
F061004		112	0.6	12.3	99	145.5
F061005		96	0.3	10.4	153	155.5
F061006		86	0.3	8.6	210	136.0
F061007		82	0.3	8.4	198	141.0
F061008		131	0.3	8.4	127	107.5
F061009		118	0.1	8.4	138	93.5
F061010		1	<0.1	2.5	3	1.8
F061011		115	0.2	8.7	354	121.5
F061012		99	0.2	11.0	113	153.0
F061013		102	0.2	10.5	90	149.0
F061014		101	0.1	10.0	105	154.0
F061015		91	0.2	8.9	154	145.0
F061016		88	0.2	9.6	243	144.0
F061017		72	0.2	8.6	81	128.0
F061018		79	0.2	9.3	63	134.5
F061019		80	0.2	9.4	74	132.0
F061020		103	12.7	12.4	3330	31.2
F061021		67	0.3	9.5	360	102.0
F061022		257	0.2	12.6	158	15.3
F061023		242	0.1	16.6	101	12.7
F061024		272	0.2	17.4	208	26.9
F061025		234	0.8	13.4	3510	21.0
F061026		239	0.4	14.9	2190	14.0
F061027		236	0.1	15.8	101	24.8
F061028		222	0.5	14.8	766	22.1
F061029		202	0.6	14.6	306	39.4
F061030		207	0.6	13.8	279	38.0
F061031		108	0.6	12.4	240	32.7
F061032		216	0.3	12.9	122	13.8
F061033		67	0.8	8.3	145	113.0
F061034		22	2.9	4.5	153	36.2
F061035		151	1.0	5.1	193	41.3
F061036		219	0.9	3.4	4950	29.7
F061037		226	1.0	2.7	509	27.0
F061038		209	0.6	3.7	226	35.6
F061039		239	0.5	3.3	123	19.7
F061040		3	<0.1	2.2	4	1.2





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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	
F061041		2.18	0.010	0.35	7.65	54.6	100	0.25	0.07	6.17	0.16	3.85	43.8	302	0.94	104.0
F061042		2.31	0.057	0.62	6.84	88.3	40	0.27	0.72	8.16	0.44	9.84	44.7	164	0.45	314
F061043		2.63	0.166	0.41	7.30	40.9	10	0.18	1.61	9.25	0.21	5.54	44.1	187	0.19	325
F061044		2.47	0.114	0.27	8.13	23.7	30	0.24	2.25	9.97	0.18	17.15	44.1	204	0.14	510
F061045		2.31	0.007	0.04	7.42	9.7	120	0.33	0.22	6.37	0.06	21.1	38.7	136	0.47	90.4
F061046		2.40	0.005	0.04	7.39	1.9	340	0.54	0.10	4.03	0.05	36.8	25.1	106	0.99	62.7
F061047		2.39	0.077	0.05	7.55	5.2	250	0.45	0.12	4.90	0.05	31.2	29.2	90	1.09	81.8
F061048		2.50	0.005	0.09	7.18	6.4	20	0.24	0.07	7.65	0.16	8.42	47.7	156	0.35	158.5
F061049		2.55	0.005	0.08	7.27	6.5	20	0.26	0.16	7.56	0.15	8.69	51.3	154	0.33	160.0
F061050		0.11	6.13	86.9	7.35	446	1430	0.87	0.49	5.19	23.3	42.9	27.2	78	2.70	759
F061051		2.77	0.012	0.20	6.57	15.4	20	0.23	0.14	7.23	0.10	7.99	46.0	152	0.74	169.5
F061052		2.81	0.003	0.05	7.60	2.0	30	0.14	0.14	8.84	0.06	5.01	43.5	242	0.23	74.6
F061053		2.16	0.122	0.86	7.39	8.3	20	0.14	0.57	8.90	0.32	4.58	53.5	224	0.21	1545
F061054		3.04	0.018	0.06	7.35	3.0	20	0.16	0.19	8.60	0.05	4.85	50.9	244	0.20	99.3
F061055		2.82	0.033	0.22	7.63	2.9	20	0.15	0.33	9.13	0.14	4.17	45.0	232	0.16	355
F061056		2.55	0.065	0.05	7.50	2.4	30	0.16	0.55	8.97	0.06	4.42	45.2	227	0.22	70.8
F061057		2.83	0.009	0.03	7.39	3.8	50	0.16	0.19	8.20	0.05	5.08	47.1	237	0.50	64.5
F061058		1.57	0.025	0.27	6.57	1.8	30	0.17	0.57	6.40	0.13	6.07	54.4	159	0.55	379
F061059		2.59	0.016	0.08	7.48	1.9	40	0.19	0.23	8.11	0.06	5.36	51.7	212	0.57	145.0
F061060		<0.02	0.011	0.09	7.23	2.4	50	0.17	0.26	8.12	0.07	5.21	50.3	210	0.54	151.5
F061061		1.80	0.017	0.06	7.43	<0.2	480	0.75	0.12	1.75	0.03	13.60	4.0	8	1.46	14.3
F061062		4.81	0.001	0.11	7.07	1.0	500	0.77	0.19	1.22	0.03	18.00	2.4	16	1.26	11.8
F061063		2.19	<0.001	0.03	7.04	<0.2	410	0.92	0.06	1.50	0.04	21.3	5.0	45	1.41	5.1
F061064		2.23	<0.001	0.04	7.05	0.3	400	0.89	0.11	1.73	0.05	28.0	4.3	11	1.53	5.5
F062002		1.31	0.001	0.03	7.88	7.2	160	0.56	0.07	5.45	0.03	23.7	26.6	47	0.57	64.1
F062003		3.34	0.020	0.08	7.36	8.0	70	0.20	0.26	7.51	0.08	6.77	48.2	188	0.55	150.5
F062004		4.85	0.012	0.06	7.29	12.0	60	0.18	0.18	7.82	0.13	5.58	46.3	171	0.37	87.5
F062005		4.97	0.067	0.06	7.35	17.0	40	0.21	0.20	7.95	0.10	6.12	50.2	159	0.36	90.3
F062006		4.99	0.040	0.06	7.39	7.9	40	0.15	0.19	7.49	0.06	5.12	45.9	181	0.40	91.4
F062007		3.82	0.023	0.03	7.10	14.0	40	0.17	0.16	7.79	0.04	6.04	46.0	166	0.59	55.7
F062008		4.39	0.020	0.03	7.18	11.4	100	0.15	0.20	8.07	0.04	4.65	44.9	167	0.76	59.9
F062009		5.07	0.016	0.02	7.02	2.6	170	0.15	0.21	7.70	0.03	5.34	44.1	167	0.92	31.8
F062010		0.11	1.250	68.1	6.54	51.1	190	1.14	2.50	1.96	17.30	27.8	21.4	131	1.99	7220
F062011		2.75	0.031	0.04	7.02	4.7	230	0.16	0.24	7.46	0.03	4.24	51.7	168	1.30	24.7
F062012		2.55	0.020	0.01	7.02	2.0	170	0.13	0.19	7.90	0.04	4.64	40.7	173	0.96	27.5
F062013		5.48	0.010	0.04	7.37	1.8	60	0.36	0.14	7.53	0.07	12.25	42.7	155	0.37	78.1
F062014		4.88	0.034	0.11	7.20	3.0	40	0.24	0.22	7.86	0.08	8.97	46.9	163	0.34	277
F062015		2.63	0.092	0.04	7.33	2.0	40	0.18	0.22	7.98	0.03	4.83	48.9	179	0.26	102.0
F062016		2.98	0.895	0.81	7.11	7.2	60	0.15	8.48	8.06	0.19	5.20	65.4	179	0.48	2430
F062017		2.50	0.239	0.16	7.04	1.5	70	0.14	1.33	8.23	0.06	4.58	43.1	170	0.45	430



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**CERTIFICATE OF ANALYSIS TB22128438**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
F061041		7.18	13.75	<0.05	0.4	0.046	1.47	1.5	63.2	3.89	2090	0.11	0.09	1.0	139.0	180
F061042		7.27	14.20	<0.05	1.3	0.050	0.25	3.8	45.3	3.44	1340	0.55	1.47	2.5	112.0	320
F061043		7.20	12.35	<0.05	0.9	0.075	0.02	2.1	17.4	3.42	1190	1.38	1.24	1.4	136.5	220
F061044		6.93	14.50	<0.05	1.0	0.053	0.05	8.1	11.4	3.22	1180	0.32	1.24	1.6	149.5	240
F061045		7.27	15.30	<0.05	1.2	0.049	0.36	9.5	20.8	3.35	1130	0.27	1.96	2.8	89.1	380
F061046		4.59	15.50	0.08	2.1	0.032	1.15	17.8	29.3	2.39	703	0.46	2.33	3.9	69.6	520
F061047		5.58	15.60	0.07	1.6	0.046	0.99	16.0	30.5	2.91	855	0.17	2.02	3.5	57.1	480
F061048		9.03	15.35	<0.05	1.2	0.064	0.03	3.2	18.8	4.05	1490	0.17	1.29	2.2	100.0	330
F061049		9.45	16.40	<0.05	1.2	0.067	0.03	3.3	17.0	4.08	1515	0.19	1.08	2.3	100.5	340
F061050		6.40	17.00	0.10	0.9	0.099	1.49	23.0	25.0	2.51	981	17.85	1.94	20.9	55.5	1310
F061051		8.46	14.55	0.05	1.0	0.066	0.04	3.1	25.7	3.72	1355	0.48	1.13	2.1	96.7	310
F061052		7.74	13.00	<0.05	0.8	0.046	0.14	1.9	14.5	4.47	1325	0.17	1.19	1.3	135.0	200
F061053		7.47	13.55	<0.05	0.8	0.071	0.11	1.7	14.8	4.08	1165	0.25	1.04	1.1	148.0	170
F061054		8.01	12.15	<0.05	0.7	0.046	0.11	1.8	13.8	4.55	1315	0.14	1.23	1.3	146.0	210
F061055		7.48	13.80	<0.05	0.8	0.054	0.08	1.5	12.2	4.01	1205	0.53	1.05	1.2	138.5	180
F061056		7.24	13.05	<0.05	1.0	0.042	0.13	1.6	15.4	3.96	1220	0.12	1.41	1.2	130.5	190
F061057		7.38	12.20	<0.05	0.6	0.046	0.32	1.9	21.0	4.69	1245	0.26	1.38	1.3	131.0	200
F061058		8.16	13.00	<0.05	0.8	0.058	0.13	2.3	38.7	3.97	1285	0.26	1.45	1.5	108.0	230
F061059		7.97	13.80	<0.05	0.8	0.051	0.26	2.0	34.3	4.43	1260	1.15	1.42	1.4	164.0	230
F061060		7.86	13.40	<0.05	0.9	0.049	0.28	2.0	32.0	4.35	1255	1.09	1.47	1.4	151.0	220
F061061		1.37	15.50	0.10	1.7	0.013	3.21	6.3	29.2	0.32	323	0.10	2.78	4.8	5.2	180
F061062		0.89	14.90	0.15	2.6	0.008	3.45	7.5	20.5	0.20	200	0.84	2.68	4.8	3.3	90
F061063		1.37	15.90	0.15	1.9	0.009	2.88	9.1	29.4	0.51	313	0.17	2.72	5.8	13.8	160
F061064		1.41	16.15	0.19	2.1	0.012	2.65	12.1	28.2	0.35	315	0.14	2.66	6.3	5.9	190
F062002		5.08	15.35	0.13	1.9	0.032	0.24	10.3	21.8	2.51	872	0.51	2.85	3.3	82.4	440
F062003		8.35	15.40	0.10	0.8	0.054	0.18	2.5	23.9	4.54	1350	0.41	1.26	1.8	136.5	250
F062004		7.77	14.35	0.07	0.7	0.051	0.17	2.0	22.0	4.47	1305	0.19	1.46	1.5	141.5	190
F062005		7.90	14.75	0.08	0.9	0.056	0.19	2.3	25.5	4.23	1325	0.23	1.23	1.6	141.5	210
F062006		7.75	13.65	0.07	0.6	0.041	0.18	1.8	28.8	4.81	1240	0.10	1.23	1.3	144.0	180
F062007		7.36	13.90	0.07	0.7	0.047	0.26	2.2	37.2	4.76	1210	0.18	1.31	1.6	139.0	210
F062008		7.17	13.45	0.06	0.6	0.040	0.52	1.6	27.0	5.08	1230	0.18	0.95	1.3	150.5	180
F062009		7.26	14.20	0.06	0.7	0.045	0.76	1.9	25.5	5.24	1210	0.12	0.64	1.7	144.0	220
F062010		5.20	16.85	0.12	0.9	0.210	2.30	11.9	12.8	2.02	749	265	1.65	7.9	138.5	650
F062011		7.11	13.90	0.07	0.7	0.043	0.99	1.5	32.0	5.52	1185	0.54	0.78	1.3	157.0	190
F062012		6.75	12.70	0.07	0.7	0.047	0.71	1.6	18.0	5.01	1205	0.23	1.28	1.3	150.5	180
F062013		8.31	17.15	0.08	1.6	0.069	0.17	4.6	15.0	4.25	1390	0.27	1.66	3.5	113.0	400
F062014		8.21	16.05	0.08	1.1	0.063	0.12	3.4	21.2	4.26	1380	0.20	1.69	2.6	125.5	310
F062015		8.04	14.70	0.08	0.7	0.063	0.15	1.7	12.5	4.31	1375	0.14	1.46	1.3	150.5	170
F062016		7.61	13.75	0.08	0.7	0.096	0.27	1.9	15.4	4.29	1195	0.19	1.11	1.3	145.5	170
F062017		6.84	13.15	0.07	0.7	0.050	0.29	1.7	12.4	4.61	1150	0.50	1.20	1.3	140.5	170



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Project: McVicar

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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm
F061041		5.7	25.4	<0.002	0.26	1.13	37.7	<1	1.4	41.3	0.05	0.05	0.09	0.334	0.33	<0.1
F061042		20.3	7.7	<0.002	0.19	0.99	36.1	1	1.8	88.0	0.16	0.05	0.42	0.513	0.07	0.1
F061043		9.5	0.4	<0.002	0.06	2.35	39.9	1	1.6	156.0	0.09	0.11	0.18	0.402	0.02	<0.1
F061044		5.6	1.1	<0.002	0.08	2.36	43.6	2	1.5	230	0.10	0.10	0.24	0.438	0.03	0.1
F061045		2.2	12.3	<0.002	0.09	0.81	32.4	1	0.6	158.5	0.17	<0.05	1.22	0.428	0.09	0.3
F061046		2.1	35.8	<0.002	0.14	0.40	17.1	1	0.6	141.0	0.26	<0.05	2.58	0.298	0.25	0.7
F061047		1.9	38.8	<0.002	0.11	0.34	23.5	<1	0.5	119.5	0.22	<0.05	2.29	0.355	0.21	0.6
F061048		2.7	1.0	<0.002	0.11	1.02	39.4	1	0.5	177.0	0.15	<0.05	0.28	0.536	0.02	0.1
F061049		3.2	1.0	0.002	0.13	1.42	43.9	1	0.5	189.5	0.15	<0.05	0.27	0.576	0.02	0.1
F061050		2550	44.8	0.021	1.30	220	21.8	5	2.3	383	1.17	0.33	2.58	0.543	0.50	1.5
F061051		5.7	1.6	0.002	0.05	1.16	39.4	1	0.5	127.0	0.14	<0.05	0.23	0.511	0.04	0.3
F061052		1.0	6.7	<0.002	0.06	0.37	44.4	1	0.5	91.9	0.08	<0.05	0.14	0.362	0.05	<0.1
F061053		0.9	5.8	<0.002	0.24	0.36	41.6	2	0.7	90.7	0.08	0.46	0.15	0.334	0.07	<0.1
F061054		0.8	4.6	<0.002	0.05	0.26	45.6	1	0.7	79.9	0.08	0.06	0.15	0.369	0.04	<0.1
F061055		0.9	3.4	<0.002	0.07	0.40	42.4	1	0.7	108.0	0.08	0.11	0.14	0.349	0.03	<0.1
F061056		0.9	6.2	<0.002	0.03	0.33	42.0	1	1.1	97.3	0.07	0.10	0.14	0.349	0.05	<0.1
F061057		0.8	17.9	<0.002	0.04	0.28	42.1	1	0.8	104.0	0.08	0.05	0.16	0.374	0.13	<0.1
F061058		0.5	7.6	<0.002	0.35	0.11	37.0	2	1.0	70.9	0.09	0.24	0.18	0.414	0.06	<0.1
F061059		0.8	14.6	<0.002	0.16	0.19	40.7	<1	0.7	103.0	0.09	0.08	0.16	0.393	0.12	<0.1
F061060		0.7	15.1	<0.002	0.18	0.17	40.4	1	0.8	94.0	0.09	0.09	0.15	0.393	0.12	<0.1
F061061		13.1	85.2	<0.002	0.09	0.09	3.3	<1	0.6	161.5	0.61	<0.05	3.40	0.108	0.50	1.8
F061062		24.5	84.3	<0.002	0.09	0.07	1.8	<1	0.5	142.0	0.88	<0.05	8.62	0.062	0.46	6.5
F061063		10.9	78.2	<0.002	0.02	0.07	3.3	<1	0.7	170.5	0.90	<0.05	6.25	0.092	0.42	3.5
F061064		12.4	79.0	<0.002	0.01	0.10	2.8	<1	0.8	219	0.81	<0.05	6.96	0.112	0.43	2.1
F062002		3.3	7.5	<0.002	<0.01	0.58	20.3	1	0.5	191.5	0.24	<0.05	2.07	0.296	0.07	0.8
F062003		3.0	8.6	0.002	0.02	0.97	39.6	1	1.3	139.0	0.11	0.05	0.23	0.473	0.08	0.1
F062004		3.9	8.1	0.002	0.04	1.08	40.6	<1	0.7	130.5	0.09	0.06	0.17	0.404	0.07	<0.1
F062005		2.4	6.9	0.002	0.06	0.91	39.7	<1	0.6	115.5	0.09	<0.05	0.25	0.401	0.07	0.1
F062006		1.2	9.8	<0.002	0.05	0.59	40.9	1	0.4	119.0	0.08	0.07	0.14	0.388	0.06	<0.1
F062007		0.6	15.6	0.002	0.03	0.42	40.4	<1	0.6	74.5	0.10	<0.05	0.20	0.403	0.10	<0.1
F062008		0.8	30.7	0.002	0.01	0.53	37.9	1	0.7	86.0	0.08	<0.05	0.12	0.371	0.34	<0.1
F062009		0.8	38.4	<0.002	0.02	0.37	36.0	<1	0.7	86.0	0.10	<0.05	0.17	0.436	0.51	<0.1
F062010		1540	72.8	0.113	2.39	142.5	8.1	6	4.8	359	0.49	0.49	4.53	0.233	1.61	1.8
F062011		1.8	55.8	0.002	<0.01	0.34	36.2	<1	0.7	70.2	0.08	<0.05	0.12	0.373	0.63	0.2
F062012		0.9	44.6	<0.002	<0.01	0.25	37.4	<1	0.9	93.5	0.08	0.05	0.13	0.373	0.41	<0.1
F062013		1.0	10.2	0.002	0.06	0.26	37.0	1	1.0	118.5	0.22	<0.05	0.48	0.699	0.10	0.1
F062014		0.7	6.8	<0.002	0.09	0.28	38.0	1	0.8	94.4	0.15	0.10	0.33	0.544	0.08	0.1
F062015		0.7	8.6	<0.002	0.02	0.39	40.4	<1	0.8	96.9	0.08	0.08	0.15	0.379	0.07	<0.1
F062016		0.8	20.0	<0.002	0.30	0.41	39.5	4	1.7	80.5	0.08	1.59	0.14	0.367	0.18	<0.1
F062017		0.7	18.6	0.003	0.06	0.41	37.9	1	1.3	82.6	0.08	0.24	0.14	0.360	0.16	<0.1



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F061041		250	0.7	2.9	168	14.9
F061042		243	1.7	14.5	91	43.9
F061043		247	1.4	15.7	43	23.7
F061044		257	1.6	17.9	44	32.0
F061045		219	0.4	15.7	69	52.1
F061046		118	0.6	9.5	54	71.4
F061047		160	0.8	12.0	65	61.7
F061048		277	0.3	20.4	96	36.6
F061049		297	0.4	22.2	94	35.6
F061050		208	16.5	14.7	4020	29.2
F061051		271	0.9	20.3	88	31.7
F061052		248	0.8	15.1	62	17.0
F061053		228	1.7	13.7	68	15.7
F061054		249	1.8	15.4	59	17.0
F061055		243	15.4	14.2	57	15.5
F061056		238	3.8	15.1	54	16.2
F061057		250	7.4	15.0	58	17.2
F061058		238	6.4	16.8	65	20.1
F061059		246	1.5	16.1	63	16.4
F061060		246	1.7	16.0	61	17.6
F061061		21	1.0	5.3	25	56.6
F061062		14	0.8	6.2	15	54.3
F061063		26	0.6	7.1	29	51.8
F061064		22	0.5	7.5	32	63.3
F062002		129	0.4	11.4	63	76.5
F062003		275	1.3	17.4	81	28.7
F062004		257	1.0	15.8	70	20.9
F062005		254	1.3	15.3	67	23.5
F062006		257	0.7	15.0	65	19.2
F062007		253	1.1	15.8	56	22.5
F062008		249	3.6	13.9	51	19.2
F062009		264	1.5	14.1	51	25.8
F062010		103	12.2	10.2	3250	27.9
F062011		251	1.2	13.4	49	23.6
F062012		246	1.1	13.7	48	23.9
F062013		299	0.8	21.8	77	59.8
F062014		271	2.0	18.8	68	40.5
F062015		246	2.1	14.7	52	23.7
F062016		239	36.2	14.7	56	26.4
F062017		242	6.1	13.9	40	26.4



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
F062018		2.85	0.024	0.02	7.18	5.7	60	0.13	0.29	8.36	0.03	4.91	42.9	177	0.37	21.5
F062019		2.56	0.093	0.02	7.25	4.2	80	0.15	0.29	8.41	0.03	5.41	39.7	179	0.43	47.3
F062020		0.57	<0.001	0.01	0.42	<0.2	20	0.12	0.01	30.6	0.02	1.13	1.0	2	<0.05	2.1
F062021		2.64	0.215	0.15	6.97	3.4	40	0.17	0.28	7.45	0.09	5.21	52.6	180	0.24	269
F062022		2.47	0.251	0.20	7.26	2.8	30	0.16	0.26	7.76	0.10	4.73	45.7	181	0.19	396
F062023		2.46	0.095	0.03	6.93	6.5	40	0.13	0.31	7.83	0.03	4.81	46.9	171	0.29	49.6
F062024		2.64	0.021	0.05	6.97	1.9	30	0.14	0.19	8.06	0.06	4.95	43.2	179	0.14	83.4
F062025		2.60	0.013	0.02	6.94	1.4	50	0.15	0.16	7.42	0.05	4.74	42.9	175	0.31	47.8
F062026		2.43	0.041	0.04	7.18	2.2	40	0.16	0.23	7.66	0.03	4.49	41.5	176	0.34	72.8
F062027		2.43	0.044	0.07	6.89	2.4	40	0.12	0.26	8.04	0.04	4.23	42.6	219	0.38	158.5
F062028		2.97	0.073	0.38	7.34	9.0	40	0.13	0.91	8.63	0.10	4.55	45.7	220	0.42	734
F062029		2.38	0.020	0.04	6.99	4.6	50	0.15	0.22	7.95	0.05	4.93	43.0	214	0.44	80.0
F062030		<0.02	0.022	0.06	7.09	5.5	50	0.12	0.25	8.15	0.04	4.75	43.4	216	0.46	81.7
F062031		2.48	0.024	0.04	7.18	4.5	60	0.12	0.15	8.26	0.04	4.92	43.5	209	0.51	68.4
F062032		2.03	0.061	0.05	7.59	5.8	50	0.15	0.19	8.50	0.04	7.47	43.3	228	0.42	80.3
F062033		2.48	0.010	0.08	7.44	8.5	50	0.16	0.13	8.31	0.06	5.00	48.6	218	0.48	139.5
F062034		2.41	0.228	0.05	7.43	8.6	40	0.13	0.11	8.04	0.05	5.14	45.8	212	0.45	83.6
F062035		2.48	0.006	0.04	7.48	6.5	60	0.12	0.11	8.24	0.05	5.13	43.4	217	0.53	54.7
F062036		2.38	0.018	0.08	7.15	19.3	50	0.15	0.33	9.03	0.08	4.58	42.4	196	0.65	123.5
F062037		1.48	0.009	0.08	7.39	10.2	20	0.12	0.26	9.00	0.04	4.54	46.9	225	0.27	100.5
F062038		2.57	0.054	0.25	7.42	4.1	20	0.15	0.76	8.68	0.08	4.81	47.1	226	0.21	311
F062039		2.43	0.135	0.21	7.42	3.5	20	0.17	0.74	9.41	0.07	5.41	45.1	241	0.14	274
F062040		0.10	6.32	88.1	7.33	447	1260	0.87	0.51	5.20	22.3	43.9	26.4	78	2.67	754
F062041		2.53	0.017	0.18	7.60	2.7	30	0.12	0.28	8.67	0.07	4.56	52.7	233	0.20	129.0
F062042		4.72	0.045	0.13	7.44	3.2	40	0.14	0.41	8.77	0.05	5.40	48.0	221	0.34	149.5
F062043		2.30	0.811	0.15	7.06	5.0	50	0.11	13.55	8.50	0.06	4.56	41.8	207	0.38	163.5
F062044		2.26	0.020	0.08	6.97	2.7	80	0.13	1.03	7.97	0.05	4.69	42.7	211	0.50	141.0
F062045		1.39	0.008	0.07	8.46	1.2	130	0.67	0.10	6.16	0.05	51.3	28.7	60	0.58	114.0
F062046		3.75	0.034	0.07	7.38	3.1	50	0.16	0.32	8.29	0.05	5.87	44.4	210	0.49	106.0
F062047		2.42	0.014	0.05	7.50	3.9	60	0.13	0.14	8.44	0.05	5.17	42.7	236	0.52	96.0
F062048		2.17	0.006	0.05	7.30	2.6	50	0.17	0.11	8.41	0.06	5.01	43.5	225	0.36	112.5
F062049		2.65	0.030	0.04	7.52	5.0	20	0.15	0.19	8.67	0.04	5.11	46.1	237	0.30	65.5
F062050		0.98	<0.001	0.04	0.33	0.5	20	0.08	0.01	33.6	<0.02	1.26	3.6	4	<0.05	135.5
F062051		2.40	0.088	0.09	7.23	8.6	50	0.18	0.45	6.67	0.05	5.31	43.3	230	0.73	87.9
F062052		2.38	0.038	0.05	7.10	11.3	60	0.19	0.51	6.49	0.04	4.78	38.7	212	0.77	84.0
F062053		2.49	0.233	0.11	7.23	5.1	50	0.17	0.78	7.56	0.06	4.70	46.3	218	0.58	122.5
F062054		2.57	0.009	0.08	7.39	1.3	30	0.23	0.16	7.97	0.08	9.02	45.2	213	0.27	113.5
F062055		2.30	0.008	0.05	7.30	1.8	30	0.17	0.15	8.38	0.04	5.18	43.4	243	0.30	67.6
F062056		2.64	0.014	0.05	7.18	2.8	40	0.18	0.17	8.12	0.05	5.09	42.2	252	0.34	59.7
F062057		2.45	0.012	0.07	7.09	4.4	30	0.17	0.16	8.79	0.04	4.92	40.8	242	0.33	96.2



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22128438**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
F062018		6.98	13.00	0.08	0.7	0.041	0.27	1.7	13.6	4.87	1180	0.23	1.21	1.3	154.5	180
F062019		6.88	13.40	0.06	0.7	0.041	0.30	2.0	13.8	4.48	1215	0.14	1.34	1.3	144.5	160
F062020		0.15	1.34	0.05	0.1	<0.005	0.04	1.1	1.2	1.03	82	<0.05	0.28	0.7	0.8	40
F062021		7.88	13.25	0.09	0.7	0.060	0.14	1.9	11.0	4.34	1360	0.13	1.54	1.3	155.0	180
F062022		7.99	13.80	0.06	0.7	0.060	0.09	1.7	13.5	4.33	1340	0.15	1.59	1.3	151.0	190
F062023		7.65	13.40	0.06	0.7	0.044	0.14	1.7	16.0	4.66	1295	0.15	1.57	1.3	144.0	170
F062024		7.85	14.20	0.06	0.7	0.051	0.08	1.8	11.4	4.47	1405	0.17	1.37	1.3	147.5	190
F062025		7.49	13.60	0.06	0.7	0.055	0.19	1.6	16.2	4.88	1335	0.09	1.61	1.3	155.0	190
F062026		6.95	12.85	0.07	0.5	0.042	0.12	1.6	30.1	4.47	1200	0.22	1.65	1.2	136.0	170
F062027		6.69	12.05	0.05	0.5	0.037	0.17	1.5	29.2	4.76	1150	0.27	1.25	1.1	130.5	160
F062028		7.42	13.85	<0.05	0.7	0.056	0.16	1.6	25.7	4.64	1230	0.35	1.14	1.2	135.0	200
F062029		7.21	13.20	<0.05	0.6	0.044	0.21	1.7	20.7	4.92	1160	0.29	1.15	1.3	138.5	220
F062030		7.26	13.45	<0.05	0.6	0.045	0.22	1.7	20.8	4.95	1175	0.24	1.09	1.2	139.0	210
F062031		7.20	12.95	<0.05	0.7	0.042	0.26	1.8	20.5	5.05	1215	0.39	1.35	1.3	141.0	250
F062032		7.29	13.30	<0.05	0.8	0.046	0.20	2.9	20.2	5.04	1195	0.17	1.45	1.3	138.0	240
F062033		7.59	14.25	<0.05	0.8	0.052	0.23	1.8	23.5	5.04	1250	0.15	1.29	1.3	152.0	220
F062034		7.30	13.60	<0.05	1.0	0.044	0.17	1.8	26.5	5.20	1160	0.22	1.33	1.3	144.0	220
F062035		7.13	13.40	<0.05	0.7	0.044	0.26	1.8	24.3	4.98	1165	0.36	1.38	1.2	140.0	260
F062036		6.94	12.85	<0.05	0.7	0.053	0.31	1.6	29.2	4.23	1205	0.16	1.30	1.2	131.5	180
F062037		7.82	14.55	<0.05	0.7	0.052	0.09	1.5	16.8	4.18	1290	0.13	1.06	1.3	142.5	180
F062038		7.59	13.55	<0.05	0.7	0.047	0.07	1.6	15.4	3.94	1240	0.41	1.16	1.3	134.0	180
F062039		7.73	14.40	<0.05	0.8	0.047	0.08	1.9	9.2	3.99	1280	0.21	1.04	1.3	136.5	180
F062040		6.36	17.85	0.08	1.0	0.097	1.48	21.6	24.7	2.49	972	18.95	1.94	21.4	54.4	1310
F062041		8.12	14.70	<0.05	0.7	0.052	0.11	1.5	12.8	4.27	1295	0.19	1.20	1.4	155.0	180
F062042		7.75	13.45	<0.05	0.8	0.044	0.17	1.9	18.4	4.44	1265	0.24	1.21	1.3	144.0	190
F062043		7.17	13.60	<0.05	0.7	0.044	0.21	1.6	18.3	4.43	1200	0.15	0.98	1.2	136.0	190
F062044		7.25	12.70	<0.05	0.7	0.044	0.35	1.6	14.5	4.50	1175	0.39	1.14	1.2	141.0	200
F062045		6.12	17.35	0.10	3.6	0.046	0.31	23.1	23.7	1.92	900	1.16	2.22	6.4	64.8	910
F062046		7.44	13.15	<0.05	0.8	0.048	0.22	2.2	26.3	4.57	1255	0.46	1.24	1.4	138.5	200
F062047		7.47	13.70	<0.05	0.9	0.052	0.34	1.8	20.7	4.61	1305	0.61	1.25	1.3	129.5	210
F062048		7.64	13.20	<0.05	0.7	0.051	0.24	1.7	19.2	4.75	1310	0.13	1.31	1.4	133.5	210
F062049		7.60	14.25	<0.05	0.8	0.051	0.13	1.8	21.1	4.41	1265	0.46	1.31	1.4	131.0	200
F062050		0.47	0.89	<0.05	0.1	0.006	0.02	1.3	1.3	1.21	81	0.06	0.19	0.2	2.6	90
F062051		7.67	13.75	<0.05	0.6	0.048	0.32	1.9	43.9	5.86	1255	3.98	1.31	1.3	133.5	200
F062052		6.91	13.95	<0.05	0.6	0.045	0.39	1.7	34.2	4.68	1075	3.23	1.15	1.2	122.0	190
F062053		7.38	13.95	<0.05	0.6	0.040	0.30	1.6	28.5	4.77	1175	3.32	1.36	1.3	130.0	180
F062054		8.16	13.55	<0.05	1.3	0.049	0.12	3.4	20.9	4.38	1355	2.26	1.63	2.4	123.5	250
F062055		7.54	13.95	<0.05	0.6	0.052	0.15	1.8	23.3	4.65	1305	0.36	1.39	1.4	133.0	200
F062056		7.35	13.40	<0.05	0.6	0.043	0.22	1.7	23.7	4.57	1230	0.81	1.33	1.4	134.0	190
F062057		7.10	13.80	<0.05	0.6	0.043	0.20	1.7	21.7	4.33	1190	0.46	1.08	1.3	132.0	190



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		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
F062018		0.9	14.9	<0.002	<0.01	0.57	39.1	<1	1.7	81.2	0.08	0.05	0.15	0.382	0.13	<0.1
F062019		0.8	19.1	<0.002	<0.01	0.47	40.3	1	1.2	92.0	0.09	0.06	0.14	0.380	0.16	<0.1
F062020		2.6	1.2	<0.002	<0.01	0.08	0.3	1	<0.2	78.8	0.09	<0.05	0.26	0.006	0.02	0.5
F062021		0.7	7.4	<0.002	0.06	0.28	38.3	1	0.7	95.2	0.07	0.11	0.14	0.358	0.07	<0.1
F062022		0.7	3.1	<0.002	0.09	0.31	37.9	1	0.7	105.5	0.08	0.12	0.15	0.377	0.05	<0.1
F062023		0.6	7.2	<0.002	0.02	0.28	39.5	<1	0.7	94.1	0.07	0.11	0.14	0.364	0.06	<0.1
F062024		0.8	2.7	<0.002	0.02	0.34	38.8	1	0.7	110.0	0.08	0.06	0.14	0.368	0.03	<0.1
F062025		0.7	8.7	<0.002	0.01	0.32	39.3	<1	0.6	112.5	0.08	<0.05	0.14	0.374	0.10	<0.1
F062026		0.5	6.3	<0.002	0.04	0.19	38.2	1	0.7	87.5	0.07	0.06	0.13	0.349	0.06	<0.1
F062027		0.5	9.2	<0.002	0.03	0.28	40.2	1	0.7	78.9	0.07	0.08	0.13	0.342	0.10	<0.1
F062028		1.6	10.1	<0.002	0.13	0.64	43.4	1	0.7	91.2	0.08	0.33	0.14	0.353	0.09	<0.1
F062029		0.8	12.7	<0.002	0.07	0.41	43.9	1	0.6	87.9	0.08	0.05	0.13	0.343	0.10	<0.1
F062030		0.8	12.9	0.002	0.07	0.43	42.3	1	0.6	90.3	0.08	0.06	0.14	0.348	0.13	<0.1
F062031		0.7	16.3	<0.002	0.04	0.35	42.4	<1	0.7	85.6	0.07	<0.05	0.13	0.344	0.14	<0.1
F062032		0.8	13.0	<0.002	0.06	0.49	45.0	<1	0.6	88.0	0.09	0.05	0.14	0.371	0.11	<0.1
F062033		1.0	13.7	<0.002	0.08	0.37	47.0	1	0.5	90.5	0.08	0.05	0.14	0.366	0.15	<0.1
F062034		1.0	11.5	<0.002	0.04	0.42	44.8	1	0.6	87.0	0.08	<0.05	0.13	0.348	0.10	<0.1
F062035		1.2	17.9	<0.002	0.03	0.35	42.5	<1	0.5	90.9	0.08	0.05	0.12	0.349	0.14	<0.1
F062036		0.6	21.5	<0.002	0.05	0.24	42.7	<1	0.9	67.1	0.07	0.12	0.12	0.330	0.16	<0.1
F062037		1.0	2.9	<0.002	0.04	0.48	44.7	<1	0.7	94.0	0.08	0.05	0.14	0.355	0.03	<0.1
F062038		1.1	2.6	<0.002	0.05	0.38	44.7	1	1.0	95.4	0.08	0.13	0.14	0.359	0.04	<0.1
F062039		1.0	2.7	<0.002	0.04	0.39	43.4	1	0.6	108.5	0.08	0.15	0.13	0.366	0.02	<0.1
F062040		2520	45.5	0.018	1.29	226	21.4	5	2.4	381	1.21	0.36	2.54	0.543	0.49	1.6
F062041		2.8	4.6	<0.002	0.04	0.52	44.8	1	0.7	96.0	0.09	0.05	0.13	0.366	0.04	<0.1
F062042		1.1	8.6	<0.002	0.04	0.41	45.9	<1	0.8	100.5	0.08	0.14	0.14	0.367	0.06	<0.1
F062043		1.3	9.5	0.002	0.07	0.43	39.7	<1	0.6	109.0	0.08	6.24	0.13	0.336	0.08	<0.1
F062044		1.3	19.1	0.002	0.07	0.31	41.6	1	0.7	105.0	0.07	0.54	0.13	0.337	0.13	<0.1
F062045		3.9	13.8	<0.002	0.12	0.19	27.1	<1	1.0	234	0.46	<0.05	3.50	0.505	0.12	0.9
F062046		0.9	11.8	<0.002	0.05	0.27	44.2	1	0.5	100.0	0.09	0.09	0.22	0.360	0.09	0.1
F062047		0.8	18.1	<0.002	0.06	0.28	41.7	1	0.6	98.9	0.08	0.05	0.14	0.375	0.12	<0.1
F062048		0.8	10.7	<0.002	0.06	0.27	42.1	1	0.5	90.1	0.09	<0.05	0.15	0.371	0.08	<0.1
F062049		1.0	6.5	<0.002	0.06	0.34	42.3	<1	0.7	99.4	0.09	0.05	0.14	0.368	0.06	<0.1
F062050		0.7	0.3	<0.002	0.17	0.09	1.2	1	0.3	88.2	<0.05	<0.05	0.10	0.038	<0.02	0.1
F062051		0.9	16.3	<0.002	0.07	0.32	40.7	<1	1.0	68.9	0.08	0.12	0.14	0.378	0.12	<0.1
F062052		0.9	23.4	<0.002	0.13	0.26	38.5	<1	1.7	78.7	0.08	0.07	0.14	0.334	0.14	<0.1
F062053		0.8	18.0	<0.002	0.09	0.28	41.0	<1	0.8	92.8	0.08	0.19	0.14	0.355	0.11	<0.1
F062054		1.0	5.2	<0.002	0.05	0.21	40.1	<1	0.6	153.5	0.16	0.06	0.28	0.432	0.04	0.1
F062055		0.8	6.1	<0.002	0.04	0.29	42.0	<1	0.5	114.5	0.09	0.05	0.14	0.376	0.06	<0.1
F062056		0.8	9.6	<0.002	0.04	0.29	40.8	<1	0.6	106.0	0.09	<0.05	0.13	0.372	0.08	<0.1
F062057		1.3	10.2	<0.002	0.06	0.39	38.7	<1	0.5	111.5	0.07	0.05	0.14	0.355	0.07	<0.1



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**CERTIFICATE OF ANALYSIS TB22128438**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5
F062018		254	1.3	14.5	41	25.5
F062019		253	1.7	14.9	49	20.1
F062020		2	<0.1	2.7	6	2.7
F062021		235	3.5	14.2	61	20.6
F062022		251	1.0	14.2	64	19.7
F062023		245	1.9	14.0	55	16.7
F062024		249	1.2	14.1	63	16.7
F062025		248	0.9	13.8	57	21.2
F062026		237	2.5	13.9	49	14.1
F062027		236	8.0	13.4	50	14.0
F062028		243	1.7	14.3	65	16.6
F062029		242	1.0	14.6	56	14.8
F062030		242	1.1	13.9	57	14.4
F062031		241	1.0	14.6	58	15.4
F062032		248	2.4	15.3	58	19.0
F062033		254	1.0	16.1	64	19.4
F062034		240	0.9	14.9	56	15.0
F062035		238	1.0	14.6	56	14.5
F062036		230	1.7	14.1	55	16.8
F062037		246	1.7	14.8	57	18.1
F062038		243	132.0	15.1	58	17.8
F062039		249	47.2	14.8	56	18.9
F062040		208	17.6	14.3	4010	32.2
F062041		253	11.2	15.5	59	19.4
F062042		247	3.1	15.5	59	18.8
F062043		235	18.3	13.9	56	14.3
F062044		232	1.8	13.6	56	15.7
F062045		175	0.9	22.7	75	135.5
F062046		241	3.0	15.3	62	19.9
F062047		248	1.3	15.5	63	15.1
F062048		246	1.1	15.0	65	14.8
F062049		247	40.0	15.2	62	19.5
F062050		8	0.1	3.1	4	3.8
F062051		253	3.7	15.2	69	15.8
F062052		230	20.1	13.6	54	13.5
F062053		240	2.0	14.5	57	12.4
F062054		241	1.3	14.8	77	22.7
F062055		249	1.3	14.9	68	15.2
F062056		242	13.7	15.1	64	14.3
F062057		232	1.1	14.3	60	20.2





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**CERTIFICATE OF ANALYSIS TB22128438**

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP22	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F062058		1.44	0.016	0.05	7.18	2.1	60	0.17	0.19	8.34	0.05	4.99	38.8	228	0.51	55.1
F062059		2.85	0.007	0.05	7.05	2.0	220	0.74	0.15	4.24	0.04	29.6	19.0	82	1.40	47.1
F062060		4.43	0.003	0.05	6.82	1.7	280	0.97	0.08	3.25	0.03	32.0	13.0	49	2.04	29.9
F062061		5.95	0.002	0.04	7.07	1.6	400	1.15	0.06	2.02	0.04	41.1	6.1	18	2.76	15.3
F062062		3.24	0.003	0.08	7.31	1.1	250	0.70	0.12	4.49	0.06	30.4	25.7	75	1.45	51.0
F062063		4.56	0.007	0.10	6.88	1.1	300	0.90	0.11	3.16	0.08	31.4	12.6	40	1.53	57.1
F062064		2.54	0.015	0.11	6.40	1.4	280	0.66	0.15	2.68	0.08	28.4	11.2	41	1.46	67.2
F062065		2.12	0.010	0.11	7.30	1.0	270	0.61	0.14	4.09	0.09	24.3	22.8	77	1.51	59.1
F062066		2.40	0.005	0.06	7.41	1.1	270	0.76	0.16	2.83	0.05	26.4	10.7	29	1.66	27.7
F062067		2.50	0.005	0.12	7.49	0.6	220	0.87	0.18	1.68	0.04	19.95	4.0	8	1.61	10.8
F062068		4.73	0.001	0.06	7.33	0.8	330	0.79	0.18	2.28	0.08	19.80	7.8	28	1.84	17.3
F062069		4.08	<0.001	0.05	7.35	1.0	380	0.78	0.12	1.66	0.05	27.5	4.1	9	1.55	8.7



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**CERTIFICATE OF ANALYSIS TB22128438**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
F062058		7.02	12.90	<0.05	0.9	0.046	0.39	1.7	30.0	4.71	1210	7.66	1.44	1.3	125.5	190
F062059		3.85	15.75	0.08	2.5	0.026	1.21	13.4	34.2	1.73	681	2.19	2.54	6.2	53.1	370
F062060		2.93	15.95	0.15	2.8	0.022	1.81	13.8	37.8	1.18	576	5.26	2.59	7.3	31.8	300
F062061		1.84	16.55	0.20	3.3	0.017	2.29	19.1	26.6	0.54	395	0.78	2.86	8.2	10.8	280
F062062		5.10	16.75	0.14	2.4	0.038	1.60	13.2	51.6	2.09	902	0.42	1.99	4.3	48.0	350
F062063		2.98	16.40	0.18	2.9	0.026	1.88	13.6	30.1	1.08	593	2.89	2.43	6.5	25.0	280
F062064		2.71	12.10	0.09	2.2	0.032	1.89	13.6	23.4	1.06	493	0.36	1.90	4.2	22.8	250
F062065		4.73	13.70	0.07	2.0	0.042	2.00	11.7	45.9	2.09	849	2.92	1.68	3.2	49.4	300
F062066		2.72	13.60	0.11	2.3	0.025	2.08	12.2	22.9	0.97	567	0.45	2.58	4.6	18.8	290
F062067		1.40	14.70	0.12	2.0	0.021	2.01	8.9	17.6	0.34	310	0.19	3.25	6.3	5.6	200
F062068		1.99	13.80	0.11	1.8	0.023	2.57	8.5	35.0	0.71	458	0.41	2.65	5.1	15.8	250
F062069		1.46	13.25	0.16	1.8	0.019	2.68	11.9	27.8	0.35	332	0.06	2.78	5.5	5.5	230



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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
F062058		1.5	20.8	0.003	0.03	0.30	40.5	1	0.5	119.0	0.08	<0.05	0.14	0.360	0.12	<0.1
F062059		5.7	47.5	<0.002	0.06	0.17	16.0	<1	0.7	144.0	0.83	0.09	5.62	0.268	0.32	1.9
F062060		8.8	71.6	0.002	0.02	0.15	11.2	<1	0.8	155.5	1.14	<0.05	7.39	0.201	0.40	2.5
F062061		8.2	104.5	<0.002	0.01	0.13	5.4	<1	1.5	154.5	1.35	<0.05	10.70	0.140	0.60	3.1
F062062		6.9	70.0	<0.002	0.15	0.14	21.7	<1	0.9	181.5	0.57	<0.05	5.54	0.251	0.33	1.9
F062063		9.2	72.6	<0.002	0.07	0.12	11.2	<1	1.1	144.0	1.03	<0.05	8.29	0.163	0.38	2.8
F062064		6.6	67.7	<0.002	0.13	0.14	9.8	<1	0.8	125.0	0.70	<0.05	6.60	0.154	0.32	1.6
F062065		5.8	67.9	<0.002	0.14	0.18	19.6	<1	0.7	170.5	0.45	<0.05	4.73	0.231	0.36	1.5
F062066		8.4	70.0	0.003	0.15	0.16	8.5	<1	0.6	167.5	0.70	0.07	7.19	0.156	0.41	2.8
F062067		14.7	71.3	0.002	0.10	0.15	3.3	<1	0.6	183.5	1.07	0.10	9.31	0.096	0.37	5.6
F062068		11.0	72.4	<0.002	0.02	0.19	6.8	<1	0.6	180.0	0.67	0.06	3.88	0.136	0.44	1.5
F062069		10.8	75.1	0.004	0.02	0.14	3.2	<1	0.6	186.5	0.61	<0.05	6.02	0.109	0.45	1.8



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**CERTIFICATE OF ANALYSIS TB22128438**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
F062058		235	4.1	14.7	63	13.4
F062059		104	1.7	12.7	40	83.5
F062060		75	1.0	10.9	40	89.4
F062061		34	0.6	8.7	29	101.5
F062062		145	0.9	6.3	76	82.9
F062063		76	1.3	6.3	36	92.0
F062064		74	1.6	5.2	34	68.3
F062065		136	2.1	5.8	63	63.7
F062066		65	2.8	5.6	39	62.0
F062067		22	2.1	4.8	21	47.7
F062068		40	4.2	7.6	38	49.0
F062069		21	1.1	7.0	31	51.0

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





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**CERTIFICATE TB22129365**

Project: McVicar

This report is for 148 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 17-MAY-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations



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**CERTIFICATE OF ANALYSIS TB22129365**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061251		5.16	0.003	0.016	0.019	0.13	7.36	2.1	60	0.18	0.02	7.62	0.15	4.84	51.5	189
F061252		4.70	0.003	0.011	0.013	0.15	6.91	2.2	170	0.29	0.08	9.98	0.08	18.95	46.7	172
F061253		5.15	0.004	0.013	0.017	0.13	7.64	16.0	110	0.24	0.07	7.82	0.24	9.96	50.3	199
F061254		5.61	0.002	0.015	0.018	0.08	7.71	7.8	60	0.21	0.04	8.62	0.15	5.75	46.0	199
F061255		5.31	0.011	0.015	0.019	0.11	7.65	2.4	40	0.11	0.04	8.65	0.13	4.37	49.4	206
F061256		5.46	0.002	0.016	0.020	0.08	7.78	3.7	30	0.17	0.06	8.58	0.06	4.65	51.5	207
F061257		5.56	0.002	0.014	0.019	0.07	7.66	1.3	30	0.15	0.04	8.58	0.09	4.54	50.9	204
F061258		5.01	0.003	0.016	0.020	0.08	7.98	0.2	30	0.19	0.04	8.68	0.18	4.62	53.3	213
F061259		4.75	0.004	0.014	0.018	0.03	8.13	9.2	10	0.14	0.04	11.40	0.06	4.78	45.4	210
F061260		<0.02	0.003	0.014	0.018	0.04	8.15	10.3	10	0.08	0.04	11.25	0.05	4.86	45.7	204
F061261		1.56	0.004	0.015	0.018	0.02	8.15	1.5	20	0.19	0.04	9.76	0.06	4.78	39.6	211
F061262		1.08	0.055	0.005	0.004	0.19	2.03	<0.2	<10	0.10	0.04	6.01	0.04	2.62	51.0	91
F061263		2.43	0.003	0.015	0.019	0.05	8.01	0.8	30	0.20	0.04	9.16	0.19	4.75	51.0	216
F061264		5.23	0.004	0.014	0.019	0.16	7.86	11.7	40	0.17	0.02	7.85	0.06	5.00	51.3	219
F061265		5.23	0.003	0.016	0.021	0.10	8.19	1.3	70	0.19	0.02	6.32	0.13	4.30	56.9	262
F061266		2.19	0.003	0.016	0.021	0.20	7.94	1.3	70	0.19	0.02	5.35	0.09	4.39	59.0	253
F061267		3.78	0.003	0.014	0.021	0.19	7.86	4.1	60	0.17	0.03	5.39	0.09	4.08	64.5	252
F061268		2.81	0.004	0.014	0.017	0.11	7.50	5.4	90	0.15	0.02	8.95	0.11	4.61	47.6	190
F061269		4.01	0.002	0.016	0.021	0.05	8.13	1.7	80	0.14	0.01	6.61	0.12	4.00	51.6	244
F061270		0.11	1.075	<0.005	0.003	75.1	6.70	52.7	690	1.15	2.49	1.99	17.20	32.1	21.6	128
F061271		5.51	0.003	0.015	0.020	0.07	8.19	2.9	80	0.17	0.02	7.93	0.13	4.87	53.8	215
F061272		5.20	0.003	0.014	0.019	0.11	7.83	6.2	70	0.14	0.03	7.66	0.12	4.71	48.9	211
F061273		2.81	0.002	0.016	0.020	0.08	7.79	7.6	90	0.14	0.03	6.60	0.11	4.47	51.4	216
F061274		3.03	0.005	0.015	0.020	0.18	7.94	5.7	90	0.23	0.03	6.05	0.21	4.69	53.2	230
F061275		2.20	0.007	<0.005	0.006	0.03	3.21	0.8	20	0.19	0.04	9.15	0.07	5.10	29.7	94
F061276		2.80	0.003	0.015	0.020	0.04	7.93	1.2	140	0.19	0.03	6.73	0.07	4.80	52.9	227
F061277		5.25	0.004	0.015	0.020	0.01	8.05	0.6	110	0.19	0.02	6.81	0.06	5.27	55.1	221
F061278		4.71	0.003	0.017	0.019	0.08	7.18	0.6	60	0.30	0.02	6.40	0.08	8.63	48.2	29
F061279		5.42	0.010	0.017	0.019	0.07	7.22	0.7	50	0.27	0.02	6.86	0.06	8.73	48.2	21
F061280		0.84	<0.001	<0.005	<0.001	0.05	0.06	<0.2	50	0.05	0.01	23.2	0.05	0.73	0.7	2
F061281		6.11	0.005	0.018	0.019	0.11	7.09	0.2	60	0.28	0.02	6.41	0.08	8.95	49.3	19
F061282		6.11	0.004	0.019	0.021	0.10	7.37	2.7	40	0.27	0.03	7.12	0.12	8.47	50.7	19
F061283		5.41	0.003	0.012	0.014	0.11	7.59	1.6	50	0.21	0.01	7.37	0.07	6.99	47.2	118
F061284		5.55	0.003	0.006	0.004	0.02	7.82	1.1	60	0.17	0.01	6.59	0.08	5.87	47.8	205
F061285		5.14	0.007	0.012	0.015	0.13	7.01	4.3	40	0.23	0.13	7.97	0.11	8.70	50.7	93
F061286		5.45	0.007	0.011	0.010	0.13	8.08	1.7	40	0.22	0.07	7.33	0.10	6.36	56.2	155
F061287		5.51	0.002	0.006	0.004	0.06	8.30	8.1	60	0.23	0.02	6.47	0.16	5.65	51.6	235
F061288		5.39	0.001	0.007	0.004	0.02	7.87	5.6	60	0.20	0.02	6.79	0.04	5.23	50.3	221
F061289		5.22	0.003	0.005	0.003	0.06	8.20	3.6	50	0.23	0.02	7.19	0.05	5.64	50.7	222
F061290		<0.02	0.002	0.006	0.003	0.07	8.00	3.8	50	0.19	0.02	7.25	0.06	5.35	49.1	216



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**CERTIFICATE OF ANALYSIS TB22129365**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061251		0.21	132.0	8.28	14.80	0.12	0.5	0.054	0.25	1.9	15.2	4.64	1475	0.26	0.96	1.1
F061252		0.81	117.0	7.01	14.60	0.13	1.1	0.047	1.03	8.0	33.9	3.75	1440	0.25	0.65	2.0
F061253		0.39	160.0	7.68	15.25	0.12	0.7	0.060	0.47	4.2	24.1	3.46	1325	0.46	0.87	1.6
F061254		0.18	99.3	7.59	14.75	0.10	0.8	0.060	0.17	2.2	13.0	4.06	1400	0.20	1.10	1.3
F061255		0.13	172.5	8.07	14.55	0.10	0.6	0.055	0.13	1.5	10.8	3.99	1425	0.24	1.13	1.2
F061256		0.16	105.5	8.18	15.10	0.11	0.6	0.062	0.13	1.7	16.0	4.30	1465	0.21	1.01	1.2
F061257		0.20	91.8	8.07	15.20	0.09	0.7	0.060	0.14	1.7	12.7	4.38	1520	0.18	1.06	1.2
F061258		0.23	134.0	8.23	14.90	0.11	0.7	0.054	0.13	1.6	8.5	4.35	1560	0.22	1.24	1.2
F061259		<0.05	75.7	6.99	16.65	0.09	0.7	0.052	0.04	1.7	2.8	3.41	1505	0.94	0.41	1.2
F061260		<0.05	69.9	6.99	16.80	0.10	0.7	0.059	0.04	1.7	2.9	3.40	1510	0.63	0.45	1.2
F061261		0.10	19.6	7.76	14.85	0.06	0.6	0.058	0.07	1.8	7.9	3.14	1500	0.59	0.93	1.2
F061262		<0.05	311	5.83	4.60	<0.05	0.1	0.028	0.01	1.2	2.4	0.97	811	2.13	0.15	0.3
F061263		0.18	56.6	8.74	15.35	0.07	0.7	0.063	0.13	1.6	7.1	3.78	1635	0.77	1.30	1.4
F061264		0.21	178.5	7.66	13.70	0.06	0.5	0.057	0.14	1.9	13.6	3.64	1430	0.29	1.79	1.2
F061265		0.25	136.0	8.86	16.45	0.06	0.6	0.058	0.21	1.6	10.6	3.42	1550	0.25	2.09	1.3
F061266		0.19	157.0	8.37	16.00	0.09	0.5	0.060	0.13	1.6	11.0	2.79	1425	0.22	2.67	1.3
F061267		0.36	162.0	8.23	15.20	0.06	0.5	0.057	0.13	1.5	10.5	2.78	1320	0.28	2.28	1.3
F061268		0.46	124.0	6.97	15.05	0.06	0.5	0.050	0.31	1.7	11.2	2.97	1275	0.48	1.30	1.1
F061269		0.24	112.0	7.42	15.90	0.07	0.6	0.057	0.27	1.4	12.8	3.32	1345	0.29	1.79	1.3
F061270		2.10	7250	5.09	16.85	0.13	0.9	0.208	2.31	14.1	13.0	2.00	751	267	1.63	7.4
F061271		0.42	131.0	8.32	16.40	0.06	0.7	0.057	0.31	1.7	12.2	4.51	1560	0.32	1.34	1.3
F061272		0.28	161.0	8.22	14.60	<0.05	0.7	0.057	0.23	1.7	14.0	4.33	1350	0.27	1.62	1.2
F061273		0.29	141.0	8.02	14.70	0.05	0.8	0.050	0.24	1.5	13.4	4.10	1285	0.19	2.06	1.2
F061274		0.18	369	8.37	15.30	0.06	0.9	0.061	0.21	1.6	8.4	3.62	1280	0.28	2.64	1.2
F061275		0.08	109.5	12.10	9.93	<0.05	0.6	0.055	0.10	2.3	2.3	1.80	1510	0.98	0.80	0.9
F061276		0.27	124.0	8.74	15.40	0.06	0.9	0.060	0.35	1.7	10.8	4.15	1510	0.18	2.51	1.2
F061277		0.23	117.0	8.18	15.60	0.06	0.9	0.063	0.24	2.0	12.6	4.34	1330	0.12	2.72	1.2
F061278		0.33	154.5	10.45	16.75	<0.05	1.1	0.058	0.20	3.4	11.0	3.40	1600	0.25	2.20	2.4
F061279		0.29	199.0	10.35	16.90	<0.05	1.0	0.069	0.18	3.4	9.7	3.51	1565	0.23	2.26	2.3
F061280		0.37	2.1	0.08	0.21	0.06	<0.1	0.008	0.02	0.6	6.3	11.05	299	0.15	0.02	0.1
F061281		0.27	183.5	10.60	16.25	<0.05	1.0	0.076	0.20	3.6	8.5	3.57	1695	0.24	2.19	2.3
F061282		0.31	173.0	10.30	16.95	0.05	0.9	0.074	0.13	3.4	9.8	3.49	1630	0.29	1.84	2.2
F061283		0.50	142.0	9.05	15.90	<0.05	0.7	0.072	0.13	2.9	13.1	4.03	1575	0.19	2.01	1.6
F061284		0.53	110.0	8.74	15.65	0.05	0.7	0.061	0.18	2.4	19.3	4.81	1495	0.17	2.13	1.4
F061285		1.08	181.5	9.65	15.50	<0.05	0.6	0.068	0.14	3.4	16.0	3.53	1435	0.21	1.30	2.0
F061286		0.28	186.5	9.20	16.00	0.05	0.6	0.048	0.10	2.3	15.3	4.38	1480	0.14	1.31	1.7
F061287		0.26	110.0	8.03	16.25	<0.05	0.6	0.059	0.14	2.2	19.3	4.07	1275	0.16	1.74	1.6
F061288		0.35	29.5	7.75	16.10	<0.05	0.5	0.060	0.22	1.8	18.8	4.14	1305	0.11	1.53	1.4
F061289		0.51	98.4	8.59	15.90	<0.05	0.6	0.070	0.23	2.1	22.2	4.97	1410	0.09	0.97	1.4
F061290		0.48	96.1	8.50	15.35	0.05	0.6	0.066	0.22	2.1	21.1	4.90	1400	0.10	0.96	1.3





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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22129365**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061251		155.0	210	1.6	6.7	0.002	0.06	0.23	43.0	1	0.4	126.0	0.07	<0.05	0.11	0.373
F061252		146.0	380	2.3	35.7	0.002	0.37	0.09	35.3	1	0.6	41.1	0.12	0.06	0.91	0.348
F061253		169.0	300	2.0	15.0	0.002	0.12	0.28	37.5	<1	0.5	91.8	0.10	0.08	0.46	0.387
F061254		139.0	250	1.4	4.5	<0.002	0.05	0.24	41.2	1	0.4	118.0	0.08	0.05	0.19	0.412
F061255		152.0	220	1.3	2.6	<0.002	0.06	0.28	41.9	<1	0.4	111.0	0.07	<0.05	0.11	0.397
F061256		156.0	220	1.3	3.1	<0.002	0.05	0.25	41.6	<1	0.7	104.0	0.08	<0.05	0.11	0.407
F061257		160.0	220	1.1	2.9	<0.002	0.05	0.18	43.2	1	0.4	95.8	0.07	0.05	0.11	0.399
F061258		155.0	230	1.2	4.0	<0.002	0.06	0.16	44.1	1	0.4	90.4	0.07	<0.05	0.12	0.416
F061259		153.5	220	1.5	0.7	<0.002	0.02	0.26	43.0	<1	0.4	116.5	0.07	<0.05	0.11	0.381
F061260		151.5	210	1.5	0.7	<0.002	0.02	0.26	43.6	<1	0.4	117.0	0.07	<0.05	0.11	0.385
F061261		156.5	230	1.4	1.3	<0.002	0.03	0.34	43.5	<1	0.4	120.0	0.08	<0.05	0.12	0.419
F061262		67.7	280	0.6	0.2	<0.002	0.54	0.09	10.2	2	0.2	28.8	<0.05	0.07	0.07	0.103
F061263		166.5	220	1.6	3.3	0.002	0.06	0.34	44.6	1	0.4	110.5	0.08	0.06	0.12	0.418
F061264		182.0	220	1.6	3.5	<0.002	0.05	0.26	39.5	<1	0.4	89.4	0.07	<0.05	0.10	0.413
F061265		193.0	240	1.6	1.7	<0.002	0.12	0.13	39.4	<1	0.5	101.5	0.08	<0.05	0.09	0.449
F061266		190.5	250	2.1	0.7	0.002	0.16	0.15	32.1	1	0.5	109.0	0.08	0.05	0.10	0.447
F061267		226	200	1.6	1.5	0.003	0.17	0.21	40.6	1	0.6	90.4	0.07	<0.05	0.10	0.426
F061268		160.5	230	1.5	9.1	<0.002	0.18	0.21	36.7	<1	0.4	106.0	0.07	<0.05	0.09	0.368
F061269		191.0	240	1.6	2.8	<0.002	0.28	0.09	37.3	1	0.4	121.0	0.07	0.05	0.10	0.431
F061270		140.0	660	1500	85.3	0.109	2.42	141.5	8.7	7	4.8	370	0.47	0.43	5.51	0.234
F061271		179.0	230	1.8	11.4	0.002	0.15	0.19	43.8	1	0.4	97.1	0.08	<0.05	0.12	0.416
F061272		168.5	210	1.2	7.0	<0.002	0.16	0.15	41.8	1	0.5	90.5	0.08	<0.05	0.12	0.410
F061273		168.0	220	1.7	6.4	0.002	0.19	0.13	40.7	1	0.5	105.0	0.08	<0.05	0.13	0.406
F061274		185.0	230	1.1	2.6	0.005	0.08	0.20	43.0	1	0.6	125.0	0.08	<0.05	0.12	0.420
F061275		70.0	220	0.8	1.0	0.004	0.24	0.24	22.6	1	1.0	63.1	0.06	<0.05	0.36	0.205
F061276		171.0	230	1.1	6.8	<0.002	0.02	0.12	42.8	<1	0.5	160.0	0.08	<0.05	0.12	0.418
F061277		180.5	230	1.1	3.6	<0.002	0.01	0.12	41.3	<1	0.5	162.0	0.08	<0.05	0.11	0.422
F061278		46.4	340	1.0	5.2	0.002	0.06	0.10	43.0	<1	0.4	113.0	0.16	<0.05	0.27	0.535
F061279		42.5	320	1.1	3.7	<0.002	0.05	0.11	44.3	<1	0.3	116.5	0.15	<0.05	0.27	0.529
F061280		1.2	30	1.9	0.9	<0.002	<0.01	0.06	0.1	1	<0.2	129.0	<0.05	<0.05	0.06	<0.005
F061281		40.3	330	1.4	4.5	0.002	0.06	0.12	42.7	<1	0.4	124.5	0.15	<0.05	0.28	0.547
F061282		44.7	310	1.7	3.1	<0.002	0.07	0.25	45.5	<1	0.4	135.5	0.15	<0.05	0.25	0.519
F061283		108.0	260	2.1	2.6	<0.002	0.06	0.39	39.4	<1	0.5	174.0	0.10	<0.05	0.17	0.443
F061284		161.0	230	2.1	3.3	0.002	0.03	0.29	37.3	<1	0.5	181.5	0.10	<0.05	0.14	0.420
F061285		92.8	330	1.4	5.6	0.002	0.40	0.45	39.0	<1	0.5	123.5	0.13	0.07	0.30	0.475
F061286		133.5	310	1.4	2.7	<0.002	0.10	0.64	40.4	1	0.4	136.0	0.11	<0.05	0.19	0.470
F061287		193.0	270	1.5	1.2	<0.002	0.03	0.32	35.9	<1	0.3	120.0	0.11	<0.05	0.21	0.451
F061288		174.0	250	0.8	2.6	<0.002	<0.01	0.26	37.5	1	0.3	104.0	0.09	<0.05	0.11	0.425
F061289		168.5	250	1.0	5.8	0.002	0.03	0.41	39.7	<1	0.3	114.5	0.09	<0.05	0.10	0.427
F061290		170.0	250	1.0	4.9	<0.002	0.03	0.38	38.0	<1	0.3	112.5	0.09	<0.05	0.09	0.424



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061251		0.05	<0.1	247	0.2	16.3	85	13.3
F061252		0.15	0.2	203	3.4	15.4	79	38.9
F061253		0.08	0.1	230	1.5	16.2	94	20.5
F061254		0.03	<0.1	255	0.4	16.2	79	16.0
F061255		0.02	<0.1	253	0.2	16.4	80	12.8
F061256		<0.02	<0.1	255	0.3	17.0	81	11.9
F061257		0.02	<0.1	257	0.2	16.8	82	16.5
F061258		0.03	<0.1	266	0.1	16.9	89	15.6
F061259		<0.02	<0.1	249	0.2	17.6	61	18.0
F061260		<0.02	<0.1	251	0.1	17.8	61	17.8
F061261		<0.02	<0.1	261	0.2	16.9	69	15.0
F061262		<0.02	<0.1	67	0.1	6.1	35	3.4
F061263		0.03	<0.1	258	0.1	18.8	96	16.8
F061264		0.02	<0.1	249	0.3	15.9	88	11.7
F061265		0.04	<0.1	281	0.1	15.6	111	14.7
F061266		0.02	<0.1	262	0.1	15.0	101	13.7
F061267		0.09	0.1	265	0.2	12.5	102	14.5
F061268		0.05	<0.1	245	0.1	16.0	79	14.3
F061269		0.03	<0.1	266	<0.1	14.4	81	14.7
F061270		1.53	1.9	101	12.2	11.4	3190	26.4
F061271		0.06	<0.1	266	0.1	17.8	83	20.7
F061272		0.04	<0.1	253	0.2	15.9	72	17.3
F061273		0.05	<0.1	252	0.3	14.7	76	23.3
F061274		0.03	<0.1	263	0.1	16.3	76	23.8
F061275		<0.02	0.1	132	0.2	13.9	62	21.6
F061276		0.04	<0.1	262	0.1	16.4	71	24.6
F061277		0.02	<0.1	266	0.2	15.7	65	25.0
F061278		0.04	0.1	295	0.3	21.6	87	31.2
F061279		0.03	0.1	304	0.2	20.2	86	29.2
F061280		0.04	0.2	2	0.1	0.7	13	0.7
F061281		0.03	0.1	315	0.1	20.5	90	29.5
F061282		0.03	0.1	304	0.1	19.8	89	24.3
F061283		0.02	0.1	270	0.4	16.8	88	20.0
F061284		0.03	0.1	242	0.5	14.8	103	19.3
F061285		0.06	0.1	263	0.8	17.1	86	17.2
F061286		0.02	0.1	272	0.2	17.2	85	19.0
F061287		0.02	0.1	263	0.2	14.7	81	14.7
F061288		0.02	<0.1	258	0.2	15.7	67	13.3
F061289		0.03	<0.1	261	0.2	16.2	75	14.5
F061290		0.03	<0.1	258	0.3	15.6	74	13.6



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Project: McVicar

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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061291		4.46	0.003	0.006	0.004	0.03	7.18	2.8	40	0.15	0.01	6.73	0.05	5.35	50.8	208
F061292		4.59	0.002	0.006	0.004	0.06	7.61	5.0	60	0.21	0.01	6.44	0.09	5.14	47.3	211
F061293		5.34	0.010	0.007	0.004	0.15	7.48	6.3	50	0.17	0.01	6.19	0.24	4.73	55.2	223
F061294		5.95	0.002	0.006	0.004	0.03	7.82	1.5	90	0.21	0.01	7.01	0.07	5.53	48.7	211
F061295		5.65	0.005	0.007	0.003	0.10	8.01	2.7	40	0.23	0.01	6.27	0.08	5.63	52.9	218
F061296		5.54	0.005	0.007	0.004	0.20	8.16	6.2	40	0.20	0.01	5.40	0.09	4.63	58.1	259
F061297		5.34	0.004	0.008	0.005	0.13	8.10	7.2	60	0.17	0.01	6.27	0.10	4.33	59.4	223
F061298		5.19	0.002	0.006	0.006	0.02	7.54	1.6	30	0.13	0.01	7.62	0.05	4.88	44.6	242
F061299		4.92	0.002	0.005	0.005	0.07	7.54	2.4	20	0.14	0.04	8.00	0.06	5.20	45.8	234
F061300		0.11	6.32	<0.005	0.006	92.0	7.51	457	720	0.95	0.48	5.12	22.8	43.4	25.5	76
F061301		5.09	0.026	<0.005	<0.001	0.25	8.22	6.1	180	0.32	0.07	5.69	0.11	13.20	37.1	185
F061302		5.20	0.003	<0.005	<0.001	0.03	7.80	0.7	150	0.23	0.05	6.85	0.02	8.61	33.5	68
F061303		2.02	0.002	<0.005	<0.001	0.03	8.32	1.0	50	0.19	0.03	8.13	0.03	6.51	37.5	53
F061304		1.66	0.002	<0.005	<0.001	0.02	8.29	1.5	60	0.20	0.02	7.26	0.03	4.78	37.2	45
F061305		1.67	0.004	<0.005	0.002	0.01	7.30	2.6	190	0.24	0.04	4.68	0.02	11.40	35.4	403
F061306		2.02	0.037	0.008	0.008	0.03	6.44	9.7	60	0.23	0.08	6.94	0.03	22.8	50.0	761
F061307		2.58	0.006	0.010	0.020	0.08	7.94	2.5	70	0.15	0.02	7.47	0.04	3.21	43.0	166
F061308		2.17	0.062	0.019	0.011	0.02	7.26	1.4	50	0.17	0.01	8.07	0.03	2.74	37.9	117
F061309		2.86	0.019	<0.005	0.001	0.08	8.18	5.4	130	0.16	0.01	7.12	0.05	2.35	34.9	171
F061310		<0.02	0.025	<0.005	0.001	0.09	8.25	4.5	130	0.15	0.01	7.66	0.05	2.55	33.7	164
F061311		5.33	<0.001	<0.005	0.002	0.19	7.48	21.7	10	0.09	0.01	8.16	0.08	2.53	55.8	118
F061312		5.03	<0.001	<0.005	0.001	0.13	8.25	15.4	10	0.11	0.02	8.56	0.09	3.08	47.9	137
F061313		5.19	<0.001	<0.005	<0.001	0.15	7.81	5.4	10	0.13	0.02	8.78	0.11	4.22	43.3	112
F061314		1.96	<0.001	<0.005	0.002	0.09	8.02	8.1	10	0.11	0.01	8.54	0.14	3.23	48.9	148
F061315		3.18	<0.001	<0.005	0.001	0.07	8.19	3.2	20	0.08	0.01	8.19	0.08	3.30	49.4	162
F061316		3.01	<0.001	<0.005	0.002	0.08	8.14	9.3	10	0.06	0.02	8.83	0.08	2.92	55.4	168
F061317		2.75	0.003	<0.005	0.004	0.09	8.10	3.4	10	0.09	0.01	8.56	0.11	3.19	45.0	168
F061318		2.70	<0.001	<0.005	<0.001	0.07	7.98	2.0	10	0.08	0.01	8.88	0.10	3.90	45.1	115
F061319		3.64	0.001	<0.005	0.001	0.07	8.52	3.5	20	0.11	0.02	8.66	0.05	3.47	49.8	231
F061320		0.95	<0.001	<0.005	0.001	<0.01	0.13	0.7	170	<0.05	0.01	31.2	0.02	2.45	0.9	4
F061321		2.84	<0.001	<0.005	0.001	0.09	8.24	2.5	30	0.11	0.02	8.79	0.04	4.01	44.0	235
F061322		2.41	<0.001	<0.005	0.001	0.07	8.58	1.2	20	0.08	0.01	8.92	0.16	5.14	41.9	199
F061323		2.35	<0.001	<0.005	0.001	0.07	8.75	0.4	30	0.09	0.02	7.91	0.22	5.40	47.8	215
F061324		2.86	<0.001	<0.005	0.001	0.05	8.26	0.5	30	0.09	0.01	6.45	0.04	3.28	45.0	224
F061325		2.30	<0.001	<0.005	0.001	0.05	8.16	0.7	20	0.05	0.02	8.65	0.39	3.84	38.9	209
F061326		3.83	<0.001	<0.005	0.002	0.09	7.87	1.7	20	0.08	0.02	8.37	0.10	3.16	48.7	198
F061327		2.92	<0.001	<0.005	<0.001	0.07	8.45	1.2	20	0.10	0.01	8.01	0.06	2.92	69.8	6
F061328		2.72	<0.001	<0.005	<0.001	0.07	8.14	1.9	20	0.10	<0.01	8.03	0.06	2.69	68.4	4
F061329		2.83	0.047	<0.005	0.001	0.08	7.84	13.6	40	0.13	0.02	7.50	0.04	2.49	63.2	3
F061330		0.11	0.515	<0.005	0.001	0.34	7.36	4.5	860	1.02	1.29	1.86	0.07	29.7	5.7	16



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22129365**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061291		0.31	115.5	8.60	15.05	0.07	0.7	0.053	0.15	1.9	16.2	5.56	1360	0.13	0.78	1.3
F061292		0.54	96.3	7.89	14.80	<0.05	0.7	0.059	0.21	1.8	17.6	5.33	1230	0.29	1.07	1.3
F061293		0.51	253	8.77	14.95	<0.05	0.4	0.060	0.18	1.7	20.5	5.36	1330	0.08	0.88	1.2
F061294		0.72	56.5	8.36	15.60	0.06	0.8	0.047	0.36	2.1	17.2	5.31	1400	0.09	0.97	1.3
F061295		0.56	140.0	9.22	15.80	0.05	0.6	0.050	0.14	2.1	17.2	5.53	1455	0.11	1.14	1.4
F061296		0.39	148.5	8.81	15.60	0.05	0.4	0.053	0.09	1.7	15.7	4.74	1440	0.11	1.57	1.5
F061297		0.65	147.0	8.78	16.25	<0.05	0.4	0.066	0.17	1.6	22.3	4.35	1435	0.10	1.27	1.3
F061298		0.44	105.5	8.06	14.90	<0.05	0.7	0.063	0.10	2.0	16.4	4.91	1415	0.08	1.42	0.9
F061299		0.34	124.5	7.92	14.45	0.05	0.5	0.053	0.06	2.2	14.6	4.44	1400	0.10	1.44	0.8
F061300		2.70	757	6.48	17.10	0.09	0.9	0.109	1.46	22.8	25.1	2.53	1005	17.15	1.97	18.9
F061301		0.61	78.0	5.36	15.40	0.05	1.4	0.027	0.83	6.0	28.1	2.93	864	0.31	2.26	2.4
F061302		0.87	29.9	5.05	14.25	0.06	0.7	0.034	1.42	3.7	44.3	3.37	926	0.25	0.85	1.2
F061303		0.79	50.6	5.30	13.15	<0.05	0.3	0.038	0.38	2.9	52.9	4.39	1085	0.08	1.10	0.6
F061304		1.12	44.1	5.11	14.05	<0.05	0.3	0.033	0.72	2.0	55.9	4.22	990	0.11	0.92	0.5
F061305		0.75	37.9	4.52	13.80	0.05	0.6	0.021	1.40	5.7	31.9	4.95	614	0.45	0.13	0.9
F061306		0.43	46.8	5.54	10.50	0.05	1.0	0.025	0.31	11.4	34.9	6.51	1090	0.10	0.07	1.2
F061307		0.57	104.0	5.58	11.35	<0.05	0.1	0.030	0.48	1.4	48.9	5.47	977	<0.05	0.63	0.1
F061308		0.51	100.5	5.64	11.55	0.05	0.3	0.023	0.56	1.2	42.8	4.19	1105	<0.05	0.65	0.1
F061309		0.76	68.0	4.85	12.55	<0.05	0.1	0.015	1.09	0.9	38.9	3.88	833	0.46	1.15	0.1
F061310		0.81	68.0	4.80	12.60	<0.05	0.1	0.020	1.10	1.1	38.5	3.86	852	0.12	1.13	0.1
F061311		0.20	81.8	6.24	11.25	<0.05	0.1	0.020	0.03	1.1	25.9	5.73	1105	0.09	0.49	0.1
F061312		0.29	74.7	6.08	11.95	<0.05	0.2	0.018	0.03	1.4	19.4	5.67	1125	0.09	0.67	0.1
F061313		0.21	116.5	5.94	13.15	<0.05	0.3	0.034	0.03	1.7	12.0	5.28	1130	0.20	0.82	0.1
F061314		0.39	100.0	6.08	11.95	0.05	0.2	0.024	0.05	1.3	18.5	5.57	1120	0.05	0.82	0.1
F061315		0.34	85.6	6.42	12.40	<0.05	0.2	0.023	0.06	1.4	18.1	5.90	1200	0.06	0.95	0.1
F061316		0.23	62.2	6.48	13.05	<0.05	0.2	0.027	0.04	1.2	16.2	5.68	1160	0.09	0.68	0.1
F061317		0.35	101.0	6.10	12.30	<0.05	0.2	0.030	0.05	1.3	17.1	5.59	1090	0.12	0.83	0.1
F061318		0.44	105.0	6.12	12.60	<0.05	0.3	0.028	0.04	1.6	13.6	5.60	1170	0.08	0.87	0.1
F061319		0.36	95.9	6.20	12.45	<0.05	0.2	0.025	0.09	1.5	14.8	5.74	1115	0.08	1.02	0.1
F061320		0.13	2.1	0.15	0.37	0.05	<0.1	0.005	0.04	1.7	3.2	4.81	149	0.12	0.04	0.2
F061321		0.30	115.0	5.88	11.85	<0.05	0.2	0.029	0.08	1.7	12.7	5.55	1105	0.07	0.87	0.1
F061322		0.29	101.5	5.99	11.85	<0.05	0.2	0.032	0.08	2.2	24.6	5.85	1050	0.12	1.10	0.1
F061323		0.67	64.7	6.41	11.75	<0.05	0.2	0.027	0.15	2.2	28.9	6.46	1010	0.05	1.21	0.1
F061324		0.59	123.5	5.98	11.95	<0.05	0.2	0.023	0.15	1.4	28.4	5.89	991	0.05	1.22	0.1
F061325		0.57	110.5	5.37	10.90	<0.05	0.1	0.020	0.11	1.6	22.7	5.38	922	0.07	1.25	0.1
F061326		0.41	110.0	6.23	12.90	<0.05	0.3	0.036	0.07	1.3	13.9	5.27	1075	0.08	0.78	0.1
F061327		0.42	97.9	11.05	18.40	<0.05	0.3	0.037	0.07	1.2	10.5	3.79	1165	0.10	0.97	0.4
F061328		0.41	101.5	11.10	18.05	<0.05	0.2	0.033	0.07	1.2	9.9	3.56	1110	0.07	0.95	0.3
F061329		0.78	88.3	9.96	16.95	0.05	0.1	0.034	0.28	1.1	19.4	3.27	942	0.06	1.43	0.3
F061330		0.54	43.6	2.30	14.00	0.05	1.9	0.034	1.72	13.9	3.5	0.51	666	2.28	3.33	5.9



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.01	0.005	
F061291		161.5	230	0.9	2.8	<0.002	0.01	0.26	27.0	<1	0.3	97.1	0.09	<0.05	0.15	0.394
F061292		158.0	230	1.0	5.0	0.002	0.04	0.20	38.5	<1	0.4	91.8	0.09	<0.05	0.11	0.396
F061293		183.0	240	1.3	4.9	<0.002	0.06	0.16	33.0	<1	0.3	88.6	0.08	0.08	0.10	0.400
F061294		169.5	240	1.3	8.9	<0.002	0.02	0.35	33.0	<1	0.3	123.5	0.08	<0.05	0.10	0.409
F061295		171.0	260	1.1	3.1	0.002	0.06	0.24	42.7	1	0.4	132.5	0.08	0.06	0.15	0.421
F061296		194.0	260	1.7	0.8	0.002	0.09	0.29	40.8	<1	0.3	111.0	0.10	0.06	0.09	0.465
F061297		176.0	250	2.4	2.6	0.002	0.09	0.46	37.2	<1	0.2	145.0	0.09	<0.05	0.06	0.439
F061298		129.5	200	1.3	2.2	<0.002	0.08	0.32	42.1	1	0.3	134.0	0.06	<0.05	0.08	0.360
F061299		132.5	190	2.1	1.3	<0.002	0.16	0.41	40.1	<1	0.2	171.5	0.05	<0.05	0.09	0.370
F061300		53.3	1340	2540	44.0	0.021	1.32	224	19.8	5	2.3	389	1.15	0.30	2.53	0.533
F061301		149.0	380	4.6	22.3	0.002	0.17	0.36	24.0	<1	0.4	131.0	0.18	<0.05	1.06	0.285
F061302		73.4	250	1.1	20.8	<0.002	0.23	0.17	22.0	<1	0.3	133.0	0.09	<0.05	0.51	0.178
F061303		74.6	110	1.6	5.6	<0.002	0.14	0.23	28.7	<1	0.2	218	<0.05	<0.05	0.31	0.115
F061304		65.4	100	1.2	8.7	<0.002	0.12	0.29	24.3	<1	0.2	213	<0.05	<0.05	0.28	0.099
F061305		243	170	0.7	27.3	<0.002	0.09	0.13	10.0	1	0.7	43.6	0.06	<0.05	0.40	0.092
F061306		408	270	0.8	11.1	<0.002	<0.01	0.18	19.5	<1	0.4	32.6	0.10	<0.05	1.03	0.117
F061307		143.5	50	1.0	12.4	<0.002	0.02	0.22	34.6	<1	<0.2	96.3	<0.05	<0.05	0.08	0.104
F061308		67.3	50	0.7	20.7	<0.002	0.13	0.15	34.3	<1	<0.2	77.9	<0.05	<0.05	0.04	0.098
F061309		124.0	40	2.6	14.3	<0.002	0.06	0.49	22.8	<1	<0.2	145.5	<0.05	<0.05	0.05	0.108
F061310		121.0	40	1.2	16.8	<0.002	0.06	0.32	22.8	<1	<0.2	142.5	<0.05	<0.05	0.05	0.110
F061311		230	30	1.7	0.4	<0.002	0.06	0.56	22.0	1	<0.2	189.5	<0.05	<0.05	0.02	0.096
F061312		237	30	1.8	0.4	<0.002	0.04	0.42	29.2	<1	<0.2	242	<0.05	<0.05	0.03	0.101
F061313		133.0	30	1.5	0.4	<0.002	0.08	0.27	37.5	1	<0.2	237	<0.05	<0.05	0.04	0.145
F061314		168.5	30	1.4	0.6	<0.002	0.08	0.20	31.0	<1	<0.2	202	<0.05	<0.05	0.02	0.130
F061315		185.5	30	1.3	0.6	<0.002	0.06	0.17	30.9	<1	<0.2	206	<0.05	<0.05	0.02	0.122
F061316		207	30	1.3	0.4	<0.002	0.08	0.20	30.5	<1	<0.2	236	<0.05	<0.05	0.02	0.113
F061317		154.5	30	1.4	0.7	<0.002	0.05	0.19	35.8	1	<0.2	209	<0.05	<0.05	0.03	0.130
F061318		133.0	40	1.1	0.6	<0.002	0.07	0.20	37.3	1	<0.2	218	<0.05	<0.05	0.03	0.126
F061319		216	30	1.0	1.0	<0.002	0.06	0.10	21.0	<1	<0.2	214	<0.05	<0.05	0.02	0.110
F061320		2.8	50	0.9	1.3	<0.002	<0.01	0.05	0.3	1	<0.2	101.5	<0.05	<0.05	0.27	0.008
F061321		185.5	30	1.0	1.0	<0.002	0.07	0.12	30.1	1	<0.2	207	<0.05	<0.05	0.03	0.133
F061322		185.0	30	1.4	1.1	<0.002	0.05	0.13	31.7	<1	<0.2	151.0	<0.05	<0.05	0.03	0.135
F061323		221	30	1.3	1.5	<0.002	0.02	0.15	27.6	<1	<0.2	170.5	<0.05	<0.05	0.02	0.107
F061324		195.0	20	1.2	1.6	<0.002	0.04	0.12	26.1	1	0.4	169.0	<0.05	<0.05	0.01	0.118
F061325		170.0	30	2.3	1.8	<0.002	0.04	0.14	27.0	<1	<0.2	161.5	<0.05	<0.05	0.02	0.115
F061326		190.0	30	2.0	1.3	<0.002	0.09	0.12	31.5	<1	0.2	210	<0.05	<0.05	0.02	0.193
F061327		63.5	30	0.5	0.8	0.003	0.18	0.10	37.3	1	0.3	236	<0.05	<0.05	0.05	0.786
F061328		42.1	30	<0.5	0.9	<0.002	0.18	0.10	28.0	1	0.2	238	<0.05	<0.05	0.05	0.805
F061329		17.9	30	0.6	5.1	0.003	0.44	0.10	33.2	1	0.2	205	<0.05	<0.05	0.03	0.695
F061330		10.0	480	9.4	37.7	<0.002	0.04	0.81	7.0	<1	1.0	204	0.42	0.27	2.94	0.200



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**CERTIFICATE OF ANALYSIS TB22129365**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061291		0.02	<0.1	247	0.1	15.6	76	17.1
F061292		0.03	<0.1	241	0.2	15.9	76	18.8
F061293		0.04	<0.1	255	0.2	15.5	100	9.9
F061294		0.05	<0.1	254	<0.1	16.5	92	19.9
F061295		0.02	<0.1	253	0.2	16.6	113	15.7
F061296		0.03	<0.1	274	0.2	14.5	101	10.5
F061297		0.04	<0.1	270	0.3	13.4	101	9.0
F061298		<0.02	<0.1	253	0.2	16.2	89	17.4
F061299		<0.02	<0.1	252	0.7	14.7	91	13.3
F061300		0.45	1.7	211	16.6	13.8	4030	26.6
F061301		0.13	0.3	156	2.4	8.7	64	59.4
F061302		0.25	0.2	133	2.2	5.8	56	22.8
F061303		0.06	0.1	120	0.7	5.6	59	11.0
F061304		0.13	0.1	104	0.4	4.2	55	9.0
F061305		0.23	0.1	66	1.5	3.4	55	20.0
F061306		0.04	0.3	98	2.5	6.3	55	37.5
F061307		0.07	<0.1	128	0.5	3.5	53	3.6
F061308		0.10	<0.1	140	17.5	4.6	57	3.8
F061309		0.21	<0.1	112	1.2	3.2	48	3.0
F061310		0.21	<0.1	109	1.3	3.4	46	3.3
F061311		0.02	<0.1	96	0.2	3.4	58	2.5
F061312		<0.02	<0.1	96	0.2	3.9	53	4.1
F061313		<0.02	<0.1	142	0.2	5.9	51	7.3
F061314		<0.02	<0.1	122	0.2	4.6	57	4.7
F061315		<0.02	<0.1	116	0.2	4.4	57	5.2
F061316		0.02	<0.1	111	0.1	4.2	54	4.5
F061317		<0.02	<0.1	128	0.1	4.8	54	5.2
F061318		0.02	<0.1	123	0.2	5.3	53	6.9
F061319		0.02	<0.1	104	<0.1	4.2	55	5.0
F061320		0.02	0.1	2	0.1	1.9	6	2.1
F061321		0.02	<0.1	123	<0.1	5.4	51	6.1
F061322		0.02	<0.1	118	0.1	5.8	53	6.0
F061323		0.03	<0.1	102	0.1	4.8	64	4.5
F061324		0.02	<0.1	113	0.1	4.0	58	3.6
F061325		0.02	<0.1	112	0.1	4.6	51	4.4
F061326		0.02	<0.1	187	0.1	4.8	53	6.3
F061327		<0.02	<0.1	752	0.1	4.2	78	7.2
F061328		<0.02	<0.1	771	0.1	4.0	79	6.4
F061329		0.05	<0.1	670	6.9	3.7	72	3.0
F061330		0.16	1.3	38	18.1	18.7	47	61.1



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061331		2.39	<0.001	<0.005	<0.001	0.10	8.28	5.8	40	0.12	0.01	7.88	0.10	2.26	53.0	3
F061332		5.38	<0.001	<0.005	0.003	0.05	9.38	1.0	30	0.11	0.01	8.21	0.08	2.30	59.7	4
F061333		5.30	<0.001	<0.005	<0.001	0.04	8.41	0.7	30	0.08	<0.01	8.18	0.08	2.28	56.7	18
F061334		5.31	<0.001	<0.005	0.001	0.01	7.93	0.7	30	0.22	<0.01	7.51	0.08	2.68	47.0	43
F061335		5.58	<0.001	<0.005	0.001	0.02	7.68	0.7	30	0.21	0.01	7.45	0.08	2.74	45.0	56
F061336		5.11	<0.001	<0.005	0.001	0.03	8.14	0.7	20	0.13	0.01	7.94	0.14	2.47	44.2	78
F061337		4.86	<0.001	<0.005	0.001	0.02	7.71	0.2	20	0.14	<0.01	7.67	0.13	2.37	48.3	72
F061338		5.29	<0.001	<0.005	0.001	0.05	7.39	0.4	30	0.19	0.01	7.27	0.12	2.81	50.0	79
F061339		4.81	<0.001	0.006	0.009	0.02	8.32	4.1	50	0.17	0.01	6.89	0.07	1.74	39.4	146
F061340		<0.02	<0.001	0.006	0.009	0.02	8.28	3.9	50	0.20	0.01	6.80	0.07	1.66	37.5	149
F061341		4.90	0.004	0.009	0.001	0.04	7.51	1.2	30	0.10	0.01	8.08	0.10	2.54	60.2	64
F061342		2.76	<0.001	0.005	0.001	0.05	8.81	1.4	40	0.07	0.01	7.88	0.09	2.33	44.6	344
F061343		2.71	<0.001	0.006	0.002	0.06	7.64	1.2	30	0.10	0.02	7.87	0.08	2.55	56.8	65
F061344		2.70	0.023	0.043	0.178	0.32	8.29	0.5	20	0.06	0.08	8.79	0.22	1.79	56.9	273
F061345		2.59	0.038	0.058	0.286	0.53	8.40	5.7	20	<0.05	0.07	8.81	0.26	0.82	52.9	74
F061346		2.62	0.047	0.064	0.305	1.09	7.83	55.6	20	0.05	0.21	7.70	0.41	0.54	74.0	68
F061347		2.96	0.028	0.039	0.180	0.66	7.95	32.5	20	0.06	0.12	9.19	0.30	1.75	69.1	171
F061348		2.39	0.032	0.053	0.245	0.83	7.73	36.8	30	0.05	0.17	8.61	0.35	2.52	89.9	337
F061349		2.71	0.026	0.040	0.195	0.48	8.13	0.7	30	0.08	0.09	8.49	0.25	3.10	71.3	553
F061350		0.88	<0.001	<0.005	0.001	0.01	0.26	0.5	50	0.15	<0.01	27.9	0.02	1.35	1.1	5
F061351		3.05	0.025	0.021	0.086	0.41	8.40	0.8	50	0.16	0.09	8.79	0.23	3.84	49.1	468
F061352		2.08	0.006	0.011	0.003	0.12	7.87	2.6	40	0.13	<0.01	8.21	0.12	2.50	49.9	49
F061353		4.81	0.003	0.007	0.007	0.08	7.34	2.1	40	0.28	<0.01	7.46	0.15	4.21	44.6	57
F061354		2.59	<0.001	<0.005	<0.001	0.04	7.62	0.4	50	0.35	<0.01	7.62	0.17	5.06	49.1	62
F061355		4.54	<0.001	<0.005	<0.001	0.04	7.95	0.3	60	0.24	<0.01	7.89	0.14	5.38	49.7	72
F061356		5.04	<0.001	<0.005	0.001	0.03	8.10	0.7	50	0.19	<0.01	8.03	0.10	4.62	49.0	73
F061357		3.68	0.003	0.012	0.003	0.06	8.17	<0.2	30	0.13	<0.01	8.26	0.09	2.81	50.1	71
F061358		3.94	<0.001	<0.005	0.003	0.02	9.52	0.5	40	0.10	<0.01	9.42	0.06	2.36	24.2	694
F061359		5.15	<0.001	<0.005	0.004	0.02	10.05	0.5	30	0.09	<0.01	9.67	0.05	1.83	22.5	783
F061360		0.11	1.160	<0.005	0.004	68.9	6.66	54.9	240	1.24	2.58	1.99	16.80	32.4	23.2	134
F061361		4.79	0.001	<0.005	0.004	0.05	9.57	0.2	40	0.09	<0.01	9.61	0.08	1.73	25.0	789
F061362		5.39	<0.001	<0.005	0.005	0.05	9.77	0.6	30	0.12	<0.01	9.33	0.06	2.30	27.0	800
F061363		3.39	0.001	0.007	0.031	0.06	8.69	4.5	50	0.08	<0.01	8.66	0.07	2.27	29.8	814
F061364		2.00	0.003	0.005	0.015	0.10	8.09	40.5	130	0.16	<0.01	8.60	0.57	4.67	30.6	493
F061365		2.37	0.003	0.019	0.085	0.10	8.77	2.7	30	0.08	<0.01	7.86	0.04	2.16	54.5	980
F061366		2.55	0.010	0.032	0.180	0.07	7.98	2.0	30	<0.05	0.01	7.81	0.04	2.88	58.7	1155
F061367		2.65	0.006	0.016	0.082	0.07	7.19	3.2	30	0.18	0.02	6.24	0.03	7.88	56.6	340
F061368		2.43	<0.001	<0.005	0.003	0.25	9.35	2.0	100	0.14	<0.01	8.76	0.06	3.53	25.8	664
F061369		2.07	<0.001	<0.005	0.004	0.10	9.13	1.9	70	0.24	0.01	8.01	0.06	6.49	25.8	516
F061370		<0.02	<0.001	<0.005	0.004	0.07	9.48	2.4	70	0.20	0.01	8.27	0.05	6.53	24.0	546



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061331		0.57	57.3	9.04	17.65	<0.05	0.1	0.030	0.22	1.0	13.3	3.14	907	0.07	1.37	0.3
F061332		0.53	76.1	10.10	20.4	<0.05	0.2	0.034	0.07	1.0	7.8	3.29	1105	0.09	1.22	0.3
F061333		0.38	65.4	9.38	15.50	<0.05	0.2	0.034	0.07	1.0	7.5	3.93	1195	0.06	1.16	0.2
F061334		0.39	21.2	8.90	17.70	<0.05	0.3	0.053	0.05	1.1	6.7	3.98	1395	0.15	1.57	0.4
F061335		0.39	29.5	9.48	18.95	<0.05	0.4	0.073	0.05	1.1	5.5	4.11	1445	0.11	1.70	0.5
F061336		0.33	44.2	7.58	17.10	<0.05	0.3	0.041	0.05	1.0	6.1	4.28	1330	0.15	1.50	0.5
F061337		0.21	35.8	8.85	17.85	<0.05	0.3	0.044	0.04	1.0	3.7	4.57	1520	0.09	1.66	0.4
F061338		0.66	92.8	9.74	18.80	<0.05	0.4	0.052	0.07	1.1	5.7	4.62	1505	0.08	1.62	0.5
F061339		0.70	28.6	5.75	12.10	<0.05	0.1	0.020	0.13	0.9	16.1	4.81	1045	0.06	1.74	<0.1
F061340		0.69	28.5	5.82	11.95	0.05	0.1	0.015	0.14	0.8	15.8	4.80	1035	0.06	1.77	<0.1
F061341		0.73	71.6	8.62	13.95	<0.05	0.2	0.035	0.07	1.0	8.7	5.05	1415	0.08	1.28	0.1
F061342		0.65	64.6	6.72	15.05	<0.05	0.2	0.033	0.14	1.0	15.5	4.04	1215	0.08	1.56	0.1
F061343		0.82	116.0	8.59	14.05	<0.05	0.2	0.037	0.09	1.1	10.1	4.61	1385	0.06	1.26	0.2
F061344		0.48	1280	6.33	14.90	0.05	0.2	0.037	0.05	0.7	5.2	5.66	1190	0.07	1.10	0.1
F061345		0.41	2070	4.86	15.95	0.05	0.1	0.032	0.06	<0.5	7.2	5.13	965	0.51	1.25	<0.1
F061346		0.52	3080	5.34	14.80	0.05	<0.1	0.039	0.07	<0.5	10.4	5.22	872	0.23	1.11	<0.1
F061347		0.53	1930	5.40	13.85	0.05	0.2	0.043	0.07	0.7	8.6	5.22	986	0.15	1.04	0.1
F061348		0.93	2660	7.63	12.55	0.06	0.2	0.051	0.09	1.0	9.1	5.77	1260	0.16	0.90	0.1
F061349		0.79	2020	7.04	13.20	0.05	0.3	0.044	0.07	1.3	5.1	6.02	1210	0.14	0.91	0.2
F061350		0.13	6.1	0.16	0.50	<0.05	<0.1	<0.005	0.05	1.1	3.5	5.15	150	0.21	0.11	0.2
F061351		0.49	1070	6.55	14.10	0.05	0.3	0.039	0.09	1.6	7.3	4.60	1245	0.15	1.28	0.3
F061352		0.74	211	7.65	14.55	0.05	0.2	0.039	0.09	1.0	9.4	4.34	1255	0.06	1.29	0.2
F061353		0.62	131.0	8.33	16.40	<0.05	0.3	0.052	0.09	1.7	11.8	4.15	1380	0.07	1.61	0.4
F061354		0.58	48.6	9.35	19.25	0.06	0.4	0.066	0.09	2.1	5.1	4.20	1610	0.10	1.63	0.6
F061355		0.47	81.4	7.76	16.25	0.06	0.3	0.052	0.09	2.4	5.5	4.37	1365	0.09	1.65	0.1
F061356		0.54	84.8	7.35	15.40	0.05	0.2	0.043	0.08	2.0	5.9	4.40	1295	0.09	1.53	0.1
F061357		0.71	133.0	7.16	14.40	0.05	0.2	0.040	0.09	1.2	7.2	4.66	1335	0.06	1.28	0.1
F061358		0.14	25.4	3.65	16.15	<0.05	0.2	0.018	0.05	1.1	13.0	2.35	708	0.10	1.20	0.2
F061359		0.14	24.6	3.45	16.35	<0.05	0.1	0.017	0.05	0.8	14.8	2.39	679	0.08	1.15	0.2
F061360		2.22	7220	5.18	17.15	0.08	0.9	0.219	2.28	15.6	13.4	2.01	724	268	1.64	8.4
F061361		0.16	40.4	3.58	16.15	<0.05	0.1	0.019	0.06	0.7	12.4	2.37	701	0.27	1.06	0.1
F061362		0.11	40.8	3.94	15.85	<0.05	0.1	0.019	0.04	1.0	13.7	2.52	709	0.17	1.16	0.2
F061363		0.22	57.4	4.14	14.65	<0.05	0.1	0.020	0.15	1.1	22.3	2.84	744	0.15	1.00	0.1
F061364		0.98	67.6	4.30	11.40	<0.05	0.1	0.026	1.47	2.7	22.2	3.63	783	0.78	0.39	0.1
F061365		0.39	82.4	6.62	13.05	<0.05	0.2	0.024	0.08	1.1	21.5	5.76	1045	<0.05	0.69	0.1
F061366		0.31	220	6.29	12.20	0.05	0.2	0.026	0.09	1.5	23.2	6.65	1090	0.05	0.54	0.2
F061367		0.35	130.5	6.22	12.50	<0.05	0.8	0.022	0.08	3.7	15.2	6.77	989	0.11	1.19	1.0
F061368		0.20	37.6	4.09	16.60	<0.05	0.1	0.018	0.21	1.6	23.2	2.26	728	0.07	1.18	0.2
F061369		0.23	28.5	4.19	17.15	<0.05	0.7	0.025	0.13	2.9	18.7	2.14	784	0.16	1.56	0.9
F061370		0.21	21.5	4.10	17.15	<0.05	0.6	0.024	0.12	2.9	17.2	2.05	756	0.12	1.46	0.8





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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061331		4.7	30	0.8	3.0	<0.002	0.16	0.12	30.4	<1	0.2	245	<0.05	<0.05	0.02	0.644
F061332		17.9	30	0.5	0.8	<0.002	0.13	0.08	30.1	1	0.2	302	<0.05	<0.05	0.02	0.756
F061333		7.4	20	0.9	0.8	<0.002	0.14	0.08	34.0	<1	0.2	274	<0.05	<0.05	0.08	0.602
F061334		38.2	90	<0.5	0.5	0.002	0.03	0.05	40.5	<1	0.2	220	<0.05	<0.05	0.01	0.680
F061335		51.5	60	<0.5	0.7	<0.002	0.01	0.05	41.4	<1	<0.2	189.0	<0.05	<0.05	0.03	0.795
F061336		61.6	60	0.9	0.4	<0.002	0.04	0.05	35.5	<1	0.2	221	<0.05	<0.05	0.02	0.488
F061337		61.1	30	<0.5	0.4	<0.002	0.03	<0.05	36.0	<1	0.2	200	<0.05	<0.05	0.02	0.665
F061338		66.5	100	0.5	1.2	0.002	0.06	0.06	37.0	1	0.2	170.5	<0.05	<0.05	0.01	0.790
F061339		132.0	20	0.7	1.7	<0.002	0.02	0.17	25.1	<1	<0.2	181.5	<0.05	<0.05	0.01	0.106
F061340		131.5	20	0.7	1.7	<0.002	0.03	0.17	25.2	<1	<0.2	182.0	<0.05	<0.05	0.01	0.106
F061341		89.3	20	1.0	1.5	0.002	0.11	0.24	48.3	<1	0.2	201	<0.05	<0.05	0.02	0.431
F061342		89.4	30	1.5	1.0	<0.002	0.10	0.33	34.4	1	0.2	249	<0.05	<0.05	0.03	0.276
F061343		97.4	20	0.8	1.7	0.004	0.14	0.16	45.3	<1	0.2	179.5	<0.05	<0.05	0.02	0.497
F061344		787	20	1.2	0.9	0.004	0.40	<0.05	39.6	3	0.2	138.5	<0.05	0.34	0.03	0.169
F061345		889	10	3.4	0.9	0.002	0.37	0.39	33.2	4	0.6	137.5	<0.05	0.44	0.01	0.090
F061346		1480	10	2.3	1.4	0.007	0.85	0.52	25.7	6	0.2	128.0	<0.05	0.46	0.01	0.057
F061347		1240	30	2.1	1.4	0.006	0.73	0.27	38.2	5	0.2	120.0	<0.05	0.30	0.03	0.106
F061348		1735	20	2.0	2.9	0.013	1.03	0.28	40.3	7	0.4	107.5	<0.05	0.39	0.03	0.141
F061349		1265	40	1.8	2.3	0.006	0.64	0.08	36.9	5	0.3	106.0	<0.05	0.33	0.08	0.153
F061350		2.9	50	1.0	1.4	<0.002	0.01	0.11	0.4	1	<0.2	105.5	<0.05	<0.05	0.13	0.008
F061351		574	50	2.0	1.8	<0.002	0.28	0.11	35.4	2	0.2	190.0	<0.05	0.28	0.10	0.222
F061352		103.5	20	1.1	1.8	<0.002	0.10	0.19	43.9	1	0.2	178.0	<0.05	<0.05	0.02	0.404
F061353		90.7	120	1.2	1.3	<0.002	0.07	0.19	42.1	1	<0.2	161.0	<0.05	<0.05	0.01	0.574
F061354		79.4	100	0.7	1.7	<0.002	0.03	<0.05	40.4	1	0.2	183.0	<0.05	<0.05	<0.01	0.771
F061355		114.5	40	0.7	1.1	<0.002	0.09	<0.05	38.5	1	<0.2	216	<0.05	<0.05	0.01	0.353
F061356		113.0	60	0.6	1.3	<0.002	0.07	<0.05	37.1	1	<0.2	213	<0.05	<0.05	0.01	0.292
F061357		97.8	20	0.6	2.3	<0.002	0.07	<0.05	43.7	<1	0.2	176.0	<0.05	<0.05	0.02	0.234
F061358		63.9	40	1.3	0.1	<0.002	0.01	0.05	16.2	1	0.2	140.0	<0.05	<0.05	0.04	0.117
F061359		71.4	30	1.3	0.1	<0.002	0.01	0.05	14.4	1	<0.2	134.0	<0.05	<0.05	0.03	0.100
F061360		140.5	640	1505	91.1	0.118	2.39	135.0	7.8	7	4.7	363	0.57	0.65	5.18	0.228
F061361		71.7	30	1.7	0.2	<0.002	0.02	0.13	16.2	1	<0.2	137.5	<0.05	<0.05	0.02	0.112
F061362		72.3	50	1.5	0.1	<0.002	0.02	0.14	19.1	<1	<0.2	143.5	<0.05	<0.05	0.04	0.132
F061363		129.0	30	1.6	0.6	<0.002	0.02	0.14	13.5	1	<0.2	125.5	<0.05	<0.05	0.03	0.120
F061364		141.0	50	2.2	36.0	0.003	0.18	0.13	17.6	1	<0.2	66.3	<0.05	<0.05	0.04	0.103
F061365		337	20	0.9	1.8	<0.002	0.03	0.10	23.0	1	<0.2	95.9	<0.05	<0.05	0.01	0.180
F061366		443	50	1.1	1.5	<0.002	0.02	0.10	24.8	1	<0.2	85.6	<0.05	0.05	0.17	0.129
F061367		439	110	1.8	1.5	<0.002	0.04	0.15	17.6	1	0.2	123.0	0.09	<0.05	0.48	0.192
F061368		68.0	50	2.0	0.7	<0.002	0.01	0.25	16.0	<1	0.2	168.0	<0.05	<0.05	0.05	0.143
F061369		69.9	110	2.5	0.5	<0.002	<0.01	0.32	15.6	<1	0.3	196.0	0.08	<0.05	0.31	0.189
F061370		64.9	100	2.3	0.4	<0.002	<0.01	0.36	16.2	<1	0.2	192.5	0.07	<0.05	0.28	0.183



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	Method Analyte Units LOD	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F061331		0.04	<0.1	583	0.8	3.2	71	3.0
F061332		0.02	<0.1	635	0.1	3.2	74	5.3
F061333		0.02	<0.1	508	0.1	3.6	73	5.3
F061334		0.02	<0.1	350	0.1	7.3	82	7.8
F061335		<0.02	<0.1	389	0.1	9.1	89	8.4
F061336		<0.02	<0.1	280	<0.1	6.2	67	7.5
F061337		<0.02	<0.1	371	<0.1	7.3	76	7.1
F061338		<0.02	<0.1	396	0.1	10.0	82	8.9
F061339		0.03	<0.1	121	0.6	2.5	68	2.3
F061340		0.03	<0.1	122	0.5	2.4	69	2.4
F061341		0.02	<0.1	352	0.4	5.5	68	5.9
F061342		0.02	<0.1	253	0.1	4.3	52	5.3
F061343		0.02	<0.1	474	0.2	5.2	63	5.6
F061344		0.03	<0.1	185	<0.1	4.5	52	4.5
F061345		0.02	<0.1	141	<0.1	1.8	39	2.3
F061346		0.03	<0.1	87	0.1	1.7	45	1.2
F061347		0.02	<0.1	122	0.1	4.9	42	4.7
F061348		0.03	<0.1	147	0.1	6.4	61	6.7
F061349		0.03	<0.1	145	<0.1	6.3	61	9.6
F061350		0.02	0.2	3	0.1	1.8	6	1.7
F061351		0.02	<0.1	191	<0.1	6.5	61	9.3
F061352		0.02	<0.1	339	0.4	5.6	69	5.6
F061353		<0.02	<0.1	304	0.5	10.7	92	7.1
F061354		<0.02	<0.1	360	0.1	13.4	117	8.9
F061355		0.02	<0.1	242	<0.1	10.7	89	6.3
F061356		0.02	<0.1	220	<0.1	8.4	77	5.0
F061357		0.04	<0.1	210	<0.1	6.1	65	6.6
F061358		<0.02	<0.1	107	0.1	2.9	43	5.4
F061359		<0.02	<0.1	101	0.1	2.6	44	4.1
F061360		1.48	2.3	100	13.1	11.9	3180	30.2
F061361		<0.02	<0.1	108	<0.1	2.5	51	4.0
F061362		<0.02	<0.1	133	0.1	3.1	48	4.4
F061363		0.03	<0.1	122	0.2	2.6	58	3.4
F061364		0.22	<0.1	112	2.9	3.5	82	3.6
F061365		0.02	<0.1	186	0.1	3.9	72	3.8
F061366		0.02	<0.1	142	0.1	4.6	70	5.5
F061367		<0.02	0.2	122	0.3	5.3	44	29.8
F061368		0.04	<0.1	149	0.2	3.2	55	4.9
F061369		0.02	0.1	129	0.3	4.6	51	26.1
F061370		0.02	0.1	127	0.2	4.5	49	23.0



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
F061371		2.79	<0.001	<0.005	0.002	0.05	7.72	0.8	100	0.49	<0.01	4.45	0.03	13.45	22.5	72
F061372		2.25	<0.001	<0.005	0.001	0.05	7.93	1.2	110	0.55	0.02	4.27	0.03	12.35	23.1	73
F061373		2.29	0.003	<0.005	0.001	0.06	8.14	0.5	110	0.56	0.01	4.50	0.04	15.95	22.2	71
F061374		1.69	0.002	<0.005	0.001	0.05	8.42	1.1	90	0.49	0.01	5.32	0.05	15.00	30.1	64
F061375		3.95	0.001	<0.005	<0.001	0.13	8.40	2.4	30	0.11	0.01	8.60	0.06	3.11	61.2	26
F061376		5.17	<0.001	<0.005	<0.001	0.05	8.07	2.3	40	0.11	0.01	8.26	0.04	2.22	53.3	25
F061377		2.74	<0.001	<0.005	<0.001	0.05	7.91	2.6	40	0.12	0.01	7.90	0.05	2.75	58.2	22
F061378		2.33	0.002	<0.005	0.001	0.33	8.15	2.6	60	0.20	0.03	7.06	0.04	7.02	51.3	35
F061379		2.74	<0.001	<0.005	0.001	0.03	8.18	1.2	120	0.43	0.01	4.25	0.04	15.75	24.2	79
F061380		0.97	<0.001	<0.005	0.001	0.01	0.04	0.4	50	0.05	<0.01	19.70	0.07	0.57	0.7	3
F061381		1.54	<0.001	<0.005	0.001	0.06	6.94	1.5	80	0.50	0.02	3.92	0.03	11.95	21.5	85
F061382		3.77	0.002	<0.005	0.001	0.09	6.32	4.0	40	0.14	0.03	9.05	0.03	3.26	42.0	25
F061383		5.72	<0.001	<0.005	<0.001	0.06	7.23	2.0	40	0.10	0.03	7.79	0.07	2.21	50.4	24
F061384		5.16	0.001	0.007	0.001	0.07	7.24	2.2	30	0.12	0.03	7.59	0.07	2.45	57.4	60
F061385		2.34	0.006	0.005	<0.001	0.04	7.23	2.6	30	0.13	0.04	7.94	0.03	5.54	45.4	31
F061386		2.42	0.004	0.005	<0.001	0.21	6.89	8.1	80	0.26	0.02	6.77	0.14	6.06	52.3	42
F061387		2.27	0.340	0.005	<0.001	0.27	6.30	13.4	360	0.32	0.02	9.57	0.70	12.15	26.2	56
F061388		1.33	0.031	0.005	<0.001	0.30	6.35	22.7	450	0.33	0.03	5.81	0.20	4.88	39.4	318
F061389		0.80	0.012	0.008	0.009	0.17	7.96	1.6	290	0.58	0.02	5.00	0.06	13.70	18.4	1190
F061390		<0.02	0.010	0.009	0.009	0.16	6.76	2.3	290	0.61	0.02	5.04	0.06	9.27	18.7	1190
F061391		2.77	<0.001	<0.005	0.003	0.03	7.84	1.9	40	0.19	0.03	8.02	0.04	5.54	32.6	908
F061392		3.00	<0.001	<0.005	0.001	0.01	8.31	1.1	40	0.13	0.02	8.62	0.03	2.95	22.9	1585
F061393		2.06	<0.001	<0.005	<0.001	0.08	7.75	1.4	30	0.16	0.06	8.17	0.06	5.71	45.8	461
F061394		3.53	<0.001	<0.005	<0.001	0.05	7.18	0.9	30	0.11	0.01	7.74	0.08	1.32	57.8	25
F061395		4.72	<0.001	<0.005	<0.001	0.07	7.36	1.0	30	0.12	0.01	7.62	0.15	1.84	58.9	19
F061396		5.06	<0.001	<0.005	<0.001	0.03	7.54	0.9	30	0.11	0.01	7.73	0.08	1.71	54.3	19
F061397		5.59	<0.001	<0.005	<0.001	0.03	7.14	0.6	30	0.12	<0.01	7.50	0.10	1.89	50.1	17
F061398		5.45	<0.001	<0.005	<0.001	0.06	7.48	1.0	20	0.11	0.02	7.54	0.06	1.65	52.0	32



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061371		0.42	54.4	4.32	17.05	<0.05	2.1	0.025	0.26	5.5	17.5	2.04	600	0.39	2.79	2.9
F061372		0.63	39.4	4.59	18.00	<0.05	2.1	0.033	0.28	5.2	16.7	2.02	681	0.24	2.77	3.0
F061373		0.35	59.5	4.56	17.90	<0.05	2.1	0.027	0.20	7.3	11.8	1.89	671	0.42	3.05	3.0
F061374		0.28	66.1	5.53	18.30	<0.05	1.9	0.037	0.21	6.7	10.6	2.37	886	0.25	2.68	2.6
F061375		0.54	146.5	9.26	15.70	0.05	0.2	0.046	0.10	1.5	9.4	4.16	1535	0.06	1.13	0.1
F061376		0.41	123.0	8.62	14.80	0.05	0.2	0.042	0.11	1.0	12.2	4.02	1345	0.06	1.21	0.1
F061377		0.59	144.0	9.20	15.15	0.05	0.3	0.042	0.13	1.5	9.4	4.11	1415	0.10	1.24	0.2
F061378		0.62	147.0	8.04	15.50	0.05	0.7	0.043	0.16	3.5	11.5	3.60	1265	0.27	1.65	0.9
F061379		0.49	57.8	4.59	18.20	<0.05	2.1	0.025	0.24	6.7	15.3	2.12	616	0.61	2.92	3.0
F061380		0.56	2.3	0.08	0.12	<0.05	<0.1	<0.005	0.02	<0.5	8.5	12.75	357	0.11	0.02	0.1
F061381		0.30	45.3	3.99	16.30	0.11	1.9	0.019	0.12	5.2	14.6	1.82	520	0.76	3.08	2.6
F061382		0.60	85.4	6.44	12.15	0.07	0.2	0.021	0.14	1.8	20.3	2.98	1005	0.28	1.10	0.2
F061383		0.41	124.0	7.93	14.90	0.08	0.2	0.040	0.09	1.0	8.9	3.48	1250	0.16	1.26	0.2
F061384		0.45	145.5	8.59	15.10	0.07	0.2	0.042	0.09	1.1	9.3	3.43	1260	0.22	1.21	0.2
F061385		0.33	102.5	7.52	14.30	0.07	0.2	0.035	0.11	2.6	17.0	3.20	1190	0.13	0.66	0.2
F061386		0.83	99.2	6.86	14.15	0.08	0.2	0.025	0.32	3.2	29.4	3.43	1000	0.10	1.01	0.2
F061387		1.19	178.5	4.64	11.05	0.07	0.2	0.019	1.58	7.9	19.2	2.46	1190	0.23	0.43	0.3
F061388		1.26	65.7	4.92	14.30	0.09	0.4	0.016	1.91	2.7	22.9	2.58	653	0.20	0.63	0.8
F061389		0.87	120.0	3.35	16.25	0.10	1.6	0.021	1.01	6.1	15.3	1.28	444	0.21	1.99	4.0
F061390		0.75	130.0	3.29	16.20	0.11	1.6	0.024	0.98	3.9	15.4	1.20	447	0.28	2.01	4.0
F061391		0.14	38.4	4.97	14.25	0.10	0.4	0.023	0.08	2.7	13.7	2.97	800	0.16	1.09	0.9
F061392		0.18	8.5	4.29	15.35	0.11	0.3	0.019	0.08	1.4	17.2	2.10	690	0.09	1.17	0.4
F061393		0.26	115.0	6.88	14.35	0.09	0.4	0.042	0.08	2.4	10.4	3.68	1155	0.42	1.09	0.7
F061394		1.14	108.0	9.25	14.80	0.07	0.2	0.046	0.11	0.5	7.2	3.71	1455	<0.05	1.20	0.1
F061395		0.77	124.5	10.05	15.05	0.06	0.2	0.049	0.11	0.8	7.8	3.61	1530	0.05	1.22	0.2
F061396		0.49	117.5	9.13	14.15	0.07	0.2	0.040	0.10	0.7	7.3	3.78	1500	<0.05	1.29	0.1
F061397		0.47	92.9	7.88	13.95	0.08	0.2	0.041	0.08	0.8	7.1	3.66	1410	<0.05	1.32	0.1
F061398		0.31	128.0	8.31	14.05	0.08	0.2	0.044	0.07	0.7	7.5	3.73	1385	<0.05	1.20	0.1



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22129365**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061371		69.1	300	2.3	3.1	<0.002	0.01	0.11	10.4	1	0.4	216	0.25	<0.05	1.53	0.338
F061372		71.5	310	2.6	4.2	<0.002	0.01	0.19	10.6	<1	0.5	226	0.26	<0.05	1.54	0.348
F061373		65.5	320	2.8	3.7	<0.002	0.01	0.12	10.2	<1	0.5	256	0.25	<0.05	1.52	0.352
F061374		69.5	270	2.2	2.8	<0.002	0.04	0.17	18.8	<1	0.4	267	0.21	<0.05	1.32	0.405
F061375		77.4	20	1.7	3.6	0.002	0.20	0.22	48.4	1	<0.2	226	<0.05	<0.05	0.01	0.622
F061376		67.5	20	0.8	2.1	0.002	0.19	0.25	47.5	1	<0.2	194.5	<0.05	<0.05	0.01	0.522
F061377		73.8	20	1.2	3.9	0.002	0.18	0.27	46.4	1	0.2	195.0	<0.05	<0.05	0.01	0.609
F061378		72.4	90	5.1	4.4	0.002	0.14	0.28	36.4	1	0.2	221	0.08	<0.05	0.40	0.552
F061379		71.9	320	2.3	5.3	<0.002	0.03	0.11	11.8	1	0.5	256	0.27	<0.05	1.59	0.360
F061380		0.9	30	3.3	0.9	<0.002	<0.01	0.09	0.1	1	<0.2	156.0	<0.05	<0.05	0.04	<0.005
F061381		62.4	290	4.2	1.5	<0.002	0.03	0.24	12.5	<1	0.4	209	0.23	<0.05	1.47	0.319
F061382		53.0	30	2.6	4.5	<0.002	0.13	0.16	33.7	<1	0.2	106.0	<0.05	<0.05	0.05	0.418
F061383		57.9	20	1.3	1.1	<0.002	0.11	0.24	36.0	1	0.2	188.0	<0.05	0.05	0.03	0.542
F061384		69.7	20	1.5	1.3	0.002	0.18	0.18	44.7	1	<0.2	173.5	<0.05	0.07	0.03	0.636
F061385		53.4	20	1.3	2.8	0.002	0.12	0.42	41.7	1	0.2	185.5	<0.05	<0.05	0.02	0.517
F061386		63.6	30	1.4	6.4	<0.002	0.06	0.09	40.9	1	0.3	87.6	<0.05	<0.05	0.06	0.371
F061387		43.9	70	6.8	45.0	<0.002	0.02	0.20	35.2	<1	0.3	45.3	<0.05	<0.05	0.09	0.209
F061388		49.2	30	2.0	27.9	<0.002	0.07	0.13	24.0	<1	0.4	40.1	0.16	<0.05	0.72	0.202
F061389		59.1	100	3.0	26.5	<0.002	0.02	0.13	9.6	<1	0.5	107.5	0.68	<0.05	5.65	0.184
F061390		61.3	100	3.0	15.8	<0.002	0.02	0.14	9.0	<1	0.5	106.0	0.71	<0.05	4.08	0.186
F061391		84.7	60	1.7	0.3	<0.002	0.08	0.17	23.5	1	0.3	142.5	0.14	<0.05	0.92	0.167
F061392		71.0	90	1.1	0.2	<0.002	0.01	0.17	16.4	1	0.2	137.0	<0.05	<0.05	0.15	0.186
F061393		90.7	90	1.3	0.6	0.002	0.21	0.15	38.1	1	0.3	158.5	0.05	<0.05	0.17	0.415
F061394		52.0	10	0.6	4.7	0.003	0.17	0.09	49.7	<1	<0.2	160.0	<0.05	<0.05	0.01	0.617
F061395		55.8	10	10.2	5.0	0.003	0.16	0.08	49.7	1	<0.2	158.0	<0.05	<0.05	0.02	0.744
F061396		56.0	10	0.8	2.9	0.003	0.16	0.11	48.3	1	<0.2	172.5	<0.05	<0.05	0.01	0.583
F061397		52.6	20	0.8	1.2	<0.002	0.11	0.06	46.4	<1	<0.2	168.5	<0.05	<0.05	0.01	0.413
F061398		56.2	20	0.9	1.4	<0.002	0.17	0.12	44.3	1	<0.2	169.5	<0.05	<0.05	0.01	0.501



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22129365**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061371		0.02	0.4	105	0.5	9.2	42	82.6
F061372		0.03	0.4	108	0.4	9.4	51	85.7
F061373		0.02	0.4	108	0.4	8.8	49	84.2
F061374		0.03	0.4	184	0.3	8.6	51	74.3
F061375		0.03	<0.1	533	0.1	6.2	64	6.8
F061376		<0.02	<0.1	441	0.5	6.1	65	5.5
F061377		0.03	<0.1	493	0.1	5.8	64	6.6
F061378		0.03	0.2	408	0.2	6.6	70	25.9
F061379		0.04	0.5	119	0.4	9.2	37	85.3
F061380		0.08	0.2	3	0.2	0.3	19	0.6
F061381		0.02	0.5	107	0.6	7.7	31	72.9
F061382		0.03	<0.1	354	0.8	4.4	52	5.6
F061383		0.02	<0.1	455	0.1	5.1	60	6.1
F061384		0.02	<0.1	549	0.1	5.1	61	6.0
F061385		0.02	<0.1	438	0.5	4.9	48	3.9
F061386		0.05	0.2	366	0.8	6.4	45	5.2
F061387		0.17	0.7	226	2.2	6.1	26	6.9
F061388		0.31	0.3	221	1.5	3.4	28	10.7
F061389		0.16	1.1	161	0.4	5.5	41	56.3
F061390		0.18	0.8	161	0.4	4.6	43	59.8
F061391		0.02	0.5	186	0.1	3.8	52	13.1
F061392		0.02	0.1	196	0.1	2.9	67	10.3
F061393		0.02	0.1	333	0.2	6.3	56	12.8
F061394		0.06	<0.1	482	<0.1	4.6	66	3.6
F061395		0.05	<0.1	548	<0.1	5.0	84	4.7
F061396		0.03	<0.1	461	<0.1	4.9	79	4.8
F061397		0.03	<0.1	319	<0.1	5.2	74	5.1
F061398		0.02	<0.1	393	<0.1	4.7	65	4.0



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**CERTIFICATE OF ANALYSIS TB2129365**

	<b>CERTIFICATE COMMENTS</b>												
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method.            ME-MS61</p>												
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>LOG-21d</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td>PUL-QC</td> </tr> </table>	CRU-31	CRU-QC	LOG-21		LOG-23	PUL-31	PUL-31d	LOG-21d	SPL-21	SPL-21d	WEI-21	PUL-QC
CRU-31	CRU-QC	LOG-21											
LOG-23	PUL-31	PUL-31d	LOG-21d										
SPL-21	SPL-21d	WEI-21	PUL-QC										
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS61 PGM-ICP24</p>												



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**CERTIFICATE TB22137132**

Project: McVicar

This report is for 94 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 25-MAY-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations





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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22137132**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061401		4.54	<0.001	<0.005	<0.001	0.03	7.04	0.5	300	0.91	0.02	3.32	0.11	53.2	13.8	11
F061402		4.59	0.006	<0.005	<0.001	0.03	7.16	1.8	320	0.93	0.02	3.64	0.13	51.5	16.8	15
F061403		4.79	0.003	0.009	0.006	0.18	7.56	0.5	130	0.35	0.02	7.16	0.29	12.05	47.4	183
F061404		3.94	0.004	<0.005	0.001	0.07	7.26	0.5	230	0.72	0.03	4.89	0.14	46.3	26.6	53
F061405		4.56	0.001	<0.005	<0.001	0.02	7.25	0.2	370	0.96	0.03	3.94	0.15	53.8	21.4	6
F061406		3.16	0.001	<0.005	0.002	0.05	7.54	0.8	180	0.60	0.03	5.11	0.10	32.2	32.9	86
F061407		2.63	0.001	0.007	0.005	0.13	7.55	0.8	70	0.39	0.02	7.59	0.21	12.45	49.1	180
F061408		2.65	0.001	0.007	0.006	0.09	6.89	0.3	40	0.26	0.01	6.41	0.18	10.55	43.1	169
F061409		2.52	0.002	0.008	0.005	0.10	7.47	0.9	50	0.34	0.03	7.56	0.20	11.75	48.3	183
F061410		0.11	1.025	<0.005	0.003	69.8	6.85	51.9	240	1.28	2.43	2.08	17.35	29.7	22.7	127
F061411		2.26	0.002	0.007	0.005	0.12	7.66	<0.2	60	0.35	0.12	6.98	0.15	10.20	50.7	197
F062070		1.55	0.003	0.007	0.005	0.11	7.75	0.8	90	0.33	0.06	7.58	0.18	10.20	48.2	196
F061413		5.00	0.001	0.006	0.004	0.09	7.86	1.3	130	0.34	0.07	6.86	0.15	12.15	45.2	162
F061414		4.83	0.010	0.007	0.009	0.05	7.51	1.5	120	0.41	0.07	7.85	0.07	21.4	40.7	25
F061415		4.79	0.002	0.010	0.012	0.08	7.52	0.7	50	0.43	0.03	6.30	0.12	22.5	41.4	26
F061416		4.75	0.004	0.015	0.017	0.09	7.22	0.8	60	0.25	0.04	7.18	0.18	10.20	48.3	26
F061417		5.29	0.003	0.016	0.021	0.06	7.27	1.1	50	0.24	0.02	7.77	0.13	7.99	49.3	21
F061418		4.88	0.003	0.017	0.022	0.81	7.62	1.8	50	0.26	0.01	7.64	0.11	9.56	53.2	33
F061419		4.83	0.004	0.018	0.020	0.08	7.44	0.5	40	0.31	0.02	7.49	0.14	10.50	52.8	18
F061420		1.23	0.003	<0.005	0.001	0.02	0.09	<0.2	20	<0.05	<0.01	34.6	<0.02	1.05	2.8	2
F061421		5.02	0.003	0.016	0.018	0.08	7.46	0.9	50	0.27	0.03	6.52	0.10	10.55	51.9	93
F061422		4.40	0.007	0.016	0.018	0.12	7.56	0.5	160	0.29	0.03	7.10	0.17	8.92	53.4	23
F061423		5.09	0.003	0.014	0.016	0.04	6.16	1.0	150	0.29	0.01	7.06	0.10	25.7	37.5	23
F061424		5.08	0.002	0.018	0.021	0.31	7.33	1.6	340	0.33	0.01	5.45	0.09	8.25	47.9	29
F061425		4.98	0.008	0.016	0.020	0.08	7.21	1.8	120	0.26	0.03	7.56	0.21	8.21	51.7	24
F061426		2.51	0.004	0.015	0.016	0.06	7.17	0.5	130	0.25	0.02	7.13	0.19	8.64	53.0	23
F061427		7.35	0.005	0.013	0.014	0.05	7.24	0.7	120	0.30	0.02	7.26	0.15	9.18	49.9	24
F061428		4.89	0.004	0.007	0.007	0.07	7.48	0.7	90	0.31	0.02	6.73	0.14	11.45	50.8	25
F061429		4.75	0.003	0.014	0.012	0.07	7.45	1.6	130	0.33	0.02	5.62	0.11	10.10	50.8	21
F061430		<0.02	0.004	0.012	0.012	0.07	7.51	0.7	130	0.31	0.02	5.64	0.11	10.05	51.3	21
F061431		4.93	0.003	0.011	0.015	0.09	7.48	0.7	30	0.32	0.03	5.25	0.13	9.93	47.0	24
F061432		2.63	0.019	0.014	0.021	0.33	6.33	4.4	20	0.30	0.06	7.10	0.28	7.76	61.6	20
F061433		1.48	0.002	0.029	0.019	0.07	8.20	0.9	250	0.46	0.03	1.94	0.14	6.46	49.2	28
F061434		2.84	<0.001	<0.005	0.002	0.04	8.07	0.8	190	0.77	0.12	4.62	0.06	62.1	24.9	62
F061435		2.43	0.001	0.008	0.011	0.06	7.65	1.5	380	0.53	0.10	3.53	0.06	32.2	30.1	54
F061436		2.07	0.004	0.017	0.026	0.07	7.56	4.2	370	0.28	0.05	5.10	0.07	4.76	35.9	30
F061437		2.28	0.003	0.014	0.019	0.13	7.84	1.9	200	0.27	0.06	3.21	1.9	4.46	56.5	235
F061438		2.10	0.005	0.012	0.016	0.22	7.95	2.8	100	0.27	0.10	5.64	0.03	8.46	55.0	192
F061439		1.94	0.004	0.008	0.014	0.07	7.18	1.1	170	0.19	0.05	7.58	0.03	6.54	41.5	195
F061440		0.11	6.18	<0.005	0.005	86.8	7.41	441	2880	0.97	0.51	5.29	22.8	43.5	27.1	77



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**CERTIFICATE OF ANALYSIS TB22137132**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061401		1.10	13.0	5.59	14.90	0.09	4.4	0.046	0.62	24.6	9.9	0.68	924	1.22	3.15	7.4
F061402		2.39	21.3	5.51	15.85	0.11	4.5	0.052	0.75	23.4	9.7	0.79	912	1.10	3.05	7.5
F061403		0.69	175.5	9.02	16.55	0.08	1.3	0.074	0.33	4.3	10.2	3.91	1385	0.20	2.21	3.4
F061404		4.48	76.8	7.17	16.55	0.12	3.4	0.055	0.68	21.6	14.3	1.61	1100	0.83	2.29	6.7
F061405		8.27	32.2	6.92	16.75	0.17	4.1	0.055	1.02	24.7	16.4	0.96	1075	1.50	2.90	8.1
F061406		2.90	55.6	7.84	15.70	0.12	2.5	0.061	0.47	14.3	12.4	2.63	1175	0.72	2.59	5.3
F061407		0.48	167.0	9.62	17.60	0.09	1.1	0.075	0.20	4.5	13.0	4.43	1470	0.24	1.62	3.4
F061408		0.52	129.5	10.00	15.25	0.11	1.0	0.066	0.14	3.7	15.4	4.82	1475	0.20	1.34	3.0
F061409		0.46	156.0	9.40	16.80	0.10	1.1	0.071	0.13	4.2	12.6	4.37	1470	0.21	1.41	3.2
F061410		2.26	7540	5.41	17.00	0.12	0.9	0.220	2.44	13.6	13.6	2.07	751	270	1.75	8.9
F061411		0.59	172.0	8.89	16.60	0.10	0.9	0.058	0.23	3.6	17.6	4.04	1315	0.45	1.78	2.9
F062070		0.51	147.0	9.01	16.40	0.09	0.9	0.068	0.28	3.6	14.2	4.11	1450	0.23	1.72	2.9
F061413		0.58	113.0	8.25	15.95	0.10	1.2	0.061	0.38	5.0	12.3	3.74	1350	0.27	2.14	2.8
F061414		1.55	109.0	8.19	15.85	0.09	1.9	0.065	0.34	9.7	7.9	1.79	1190	0.53	1.57	3.4
F061415		0.43	127.0	8.75	17.40	0.11	1.4	0.055	0.10	9.8	10.8	2.71	1330	0.37	1.99	4.3
F061416		0.88	166.5	10.10	16.05	0.08	1.0	0.069	0.18	3.9	12.2	3.44	1540	0.21	1.32	2.5
F061417		0.35	127.5	10.25	16.20	0.08	0.8	0.068	0.11	2.8	8.6	3.48	1650	0.14	1.59	2.3
F061418		0.44	168.0	11.30	17.50	0.10	1.0	0.075	0.11	3.4	8.8	3.20	1735	0.20	1.27	2.8
F061419		0.64	184.0	11.70	17.95	0.11	1.0	0.075	0.09	3.8	9.1	3.24	1780	0.24	1.29	2.9
F061420		<0.05	3.7	0.15	0.19	<0.05	<0.1	<0.005	0.02	1.2	1.4	1.28	89	<0.05	0.03	0.1
F061421		0.56	152.0	10.65	16.70	0.07	0.9	0.076	0.07	3.9	15.1	3.98	1650	0.18	1.16	2.7
F061422		0.66	209	11.35	17.30	0.10	0.8	0.065	0.19	3.1	11.8	3.63	1765	0.15	0.94	2.5
F061423		0.57	72.8	9.35	13.65	0.08	0.7	0.058	0.11	12.6	10.9	3.48	1605	0.12	0.51	2.1
F061424		0.71	80.9	10.50	17.50	0.11	0.7	0.048	0.22	2.8	15.4	2.84	1560	0.18	0.74	2.5
F061425		0.33	149.0	10.35	16.05	0.08	0.7	0.066	0.14	3.0	10.7	3.64	1675	0.14	0.86	2.3
F061426		0.38	121.5	10.85	16.80	0.09	0.9	0.071	0.17	3.1	11.8	3.73	1835	0.13	0.91	2.5
F061427		0.42	139.5	10.75	16.45	0.09	0.8	0.073	0.14	3.4	9.9	3.34	1670	0.15	0.81	2.5
F061428		0.35	141.5	11.45	18.05	0.11	1.1	0.077	0.16	4.3	13.0	3.16	1865	0.19	0.69	3.1
F061429		0.51	129.0	11.45	17.80	0.12	0.9	0.069	0.19	3.6	14.8	3.21	1740	0.14	0.24	2.9
F061430		0.52	128.5	11.60	18.20	0.13	0.9	0.075	0.19	3.6	15.2	3.25	1755	0.15	0.24	2.9
F061431		0.42	142.5	12.05	17.40	0.11	0.8	0.068	0.06	3.7	18.3	4.20	1835	0.19	0.14	2.8
F061432		0.47	422	13.25	14.70	0.10	0.8	0.092	0.06	2.8	12.6	4.58	1885	0.24	0.10	2.3
F061433		1.01	62.6	11.90	16.95	0.06	0.6	0.040	0.70	2.4	25.2	2.76	1515	0.10	0.71	2.1
F061434		0.55	29.4	6.44	15.85	0.11	2.8	0.035	0.33	28.1	15.5	2.19	909	0.13	2.90	5.3
F061435		1.19	38.4	7.21	15.85	0.07	1.8	0.037	1.35	12.2	19.0	2.08	926	0.23	1.72	3.7
F061436		1.63	50.4	8.62	14.75	0.06	0.4	0.036	1.84	1.8	23.8	2.48	1160	0.21	0.26	1.5
F061437		1.00	170.5	11.30	14.65	0.06	0.3	0.063	0.50	1.6	24.9	3.81	1430	0.10	1.48	1.2
F061438		0.69	205	8.36	15.95	0.07	0.7	0.066	0.18	3.4	21.8	3.91	1355	1.45	2.16	2.2
F061439		1.30	95.0	7.56	12.75	0.05	0.7	0.043	0.52	2.8	29.5	4.54	1200	0.33	0.78	1.2
F061440		2.67	774	6.50	16.85	0.10	0.9	0.095	1.52	22.7	27.2	2.56	968	17.60	2.00	20.5



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22137132**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.01	0.005	
F061401		1.9	860	4.2	10.9	<0.002	0.05	0.20	22.8	1	0.6	182.5	0.58	<0.05	5.08	0.384
F061402		7.0	820	5.3	16.5	<0.002	0.07	0.27	24.3	1	0.6	248	0.59	<0.05	4.89	0.372
F061403		106.5	420	2.7	9.7	0.002	0.08	0.24	41.8	1	0.7	155.5	0.21	<0.05	0.39	0.603
F061404		28.4	1660	3.9	23.0	<0.002	0.05	0.20	31.3	1	0.7	225	0.60	<0.05	4.23	0.616
F061405		8.4	1920	3.8	40.9	0.002	0.08	0.11	29.3	1	0.7	188.5	0.72	<0.05	5.85	0.623
F061406		57.2	1150	2.4	16.8	<0.002	0.05	0.16	34.0	1	1.0	178.0	0.46	<0.05	3.11	0.566
F061407		95.1	430	1.9	6.6	0.002	0.06	0.17	46.1	2	0.7	132.5	0.22	<0.05	0.38	0.636
F061408		83.9	380	1.3	4.9	0.002	0.11	0.10	40.7	1	0.7	88.9	0.19	<0.05	0.34	0.586
F061409		115.5	410	1.6	3.4	<0.002	0.07	0.14	40.7	2	0.6	137.5	0.20	<0.05	0.36	0.592
F061410		150.0	650	1550	83.4	0.116	2.49	142.5	9.0	7	4.9	383	0.57	0.43	5.61	0.243
F061411		126.0	350	2.2	7.5	0.002	0.33	0.17	39.8	1	0.7	108.0	0.18	0.05	0.34	0.539
F062070		131.0	380	1.7	6.9	0.002	0.11	0.14	39.6	2	0.6	133.0	0.19	<0.05	0.30	0.584
F061413		114.5	370	2.0	8.0	0.002	0.06	0.17	37.3	1	1.1	164.5	0.20	<0.05	0.67	0.482
F061414		38.4	450	2.5	12.6	<0.002	0.33	0.44	37.8	2	1.6	210	0.27	0.07	1.65	0.412
F061415		49.1	460	1.4	1.7	0.002	0.03	0.25	34.1	1	0.6	147.0	0.26	<0.05	1.22	0.486
F061416		45.3	310	1.2	7.4	0.002	0.05	0.27	43.9	1	0.5	109.5	0.16	<0.05	0.37	0.487
F061417		42.0	290	1.3	3.9	0.002	0.01	0.47	45.6	1	0.4	110.5	0.15	<0.05	0.24	0.483
F061418		41.1	360	1.4	3.8	<0.002	0.02	0.51	49.1	1	0.4	138.0	0.17	0.05	0.29	0.557
F061419		35.8	400	1.4	4.1	<0.002	0.03	0.47	48.3	1	0.5	140.5	0.18	0.06	0.31	0.590
F061420		<0.2	70	<0.5	0.7	<0.002	<0.01	<0.05	0.4	2	<0.2	87.3	<0.05	<0.05	0.06	0.007
F061421		93.8	350	1.1	2.9	0.002	0.05	0.44	44.9	1	0.5	110.0	0.17	<0.05	0.31	0.536
F061422		48.9	320	1.4	7.0	0.002	0.09	0.60	48.4	1	0.4	97.6	0.16	0.07	0.28	0.525
F061423		50.4	330	1.1	3.7	<0.002	0.06	0.60	39.1	1	0.5	68.5	0.14	<0.05	0.25	0.419
F061424		62.7	320	1.4	2.8	<0.002	0.06	0.28	47.6	1	0.4	70.9	0.16	0.17	0.25	0.504
F061425		43.0	300	1.3	4.3	<0.002	0.03	0.40	46.8	1	0.4	94.7	0.15	0.05	0.25	0.492
F061426		44.1	320	1.1	4.5	<0.002	0.01	0.42	47.8	1	0.4	94.3	0.15	0.05	0.26	0.513
F061427		41.8	330	1.2	4.9	<0.002	0.01	0.55	45.7	1	0.4	96.3	0.17	<0.05	0.27	0.501
F061428		42.0	400	1.4	3.4	<0.002	0.06	0.83	47.8	1	0.4	92.2	0.19	<0.05	0.34	0.560
F061429		40.6	380	1.3	5.1	0.002	0.19	0.83	47.4	1	0.5	66.9	0.19	<0.05	0.37	0.615
F061430		41.9	390	1.3	4.2	0.002	0.19	0.81	47.6	1	0.5	67.9	0.19	<0.05	0.32	0.615
F061431		45.2	400	1.1	2.1	<0.002	0.11	0.83	45.6	1	0.5	50.5	0.19	<0.05	0.35	0.578
F061432		68.1	290	0.8	1.7	0.002	0.31	0.82	35.9	1	0.6	39.5	0.15	0.12	0.27	0.477
F061433		58.7	310	0.9	20.3	<0.002	0.06	0.57	51.3	<1	0.3	87.8	0.12	0.05	0.22	0.544
F061434		51.1	1240	3.0	7.6	<0.002	0.14	0.62	17.4	<1	0.7	309	0.37	<0.05	3.30	0.492
F061435		56.0	840	2.1	20.1	<0.002	0.10	0.41	28.2	<1	0.5	171.0	0.26	<0.05	1.57	0.497
F061436		58.4	200	0.6	35.7	<0.002	0.16	0.42	41.3	1	0.4	49.1	0.09	<0.05	0.16	0.435
F061437		168.5	250	0.8	6.7	0.002	0.24	0.35	40.5	1	0.7	78.3	0.08	0.05	0.12	0.433
F061438		160.0	300	1.5	4.6	0.003	0.26	0.43	34.8	1	0.6	101.5	0.13	<0.05	0.65	0.403
F061439		147.5	220	1.0	16.1	<0.002	0.05	0.22	32.1	1	0.3	53.4	0.08	<0.05	0.38	0.347
F061440		55.6	1340	2560	45.4	0.021	1.36	212	20.6	5	2.1	395	1.18	0.34	2.73	0.551



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061401		0.06	1.5	70	0.6	21.5	75	178.5
F061402		0.11	1.5	72	0.5	22.2	82	180.5
F061403		0.05	0.1	269	0.2	24.8	98	45.9
F061404		0.14	1.4	122	0.7	23.7	83	131.5
F061405		0.28	1.8	80	1.0	24.4	91	160.5
F061406		0.11	1.0	165	0.4	21.8	88	98.5
F061407		0.03	0.1	292	0.2	25.9	105	38.2
F061408		0.03	0.1	262	0.2	22.2	107	31.2
F061409		0.03	0.1	271	0.4	23.2	99	34.7
F061410		1.52	2.1	103	14.7	11.0	3300	31.4
F061411		0.03	0.1	252	4.2	21.8	98	28.6
F062070		0.04	0.1	266	0.9	21.7	101	26.4
F061413		0.06	0.2	231	0.6	18.4	92	41.8
F061414		0.08	0.5	229	1.3	17.7	72	70.8
F061415		0.02	0.3	220	0.2	16.4	98	54.9
F061416		0.04	0.1	275	0.1	20.5	108	34.5
F061417		0.02	0.1	280	0.1	19.2	106	33.2
F061418		0.02	0.1	302	4.4	22.4	107	33.1
F061419		0.03	0.1	307	0.2	23.7	114	34.1
F061420		<0.02	0.1	2	<0.1	2.4	3	1.6
F061421		0.02	0.1	287	0.3	21.7	115	29.9
F061422		0.04	0.1	304	0.1	20.8	110	26.5
F061423		0.02	0.1	239	0.1	17.8	89	25.6
F061424		0.04	<0.1	289	0.1	17.4	91	22.7
F061425		0.02	0.1	279	0.1	19.2	107	20.9
F061426		0.02	0.1	285	0.1	20.6	114	23.2
F061427		0.02	0.1	278	0.1	20.8	110	25.8
F061428		0.02	0.1	272	0.1	24.8	112	40.5
F061429		0.03	0.1	319	0.1	22.4	82	32.1
F061430		0.03	0.1	322	0.1	22.6	83	32.7
F061431		<0.02	0.1	295	0.2	24.4	85	29.3
F061432		0.02	0.1	236	0.3	24.1	80	27.3
F061433		0.09	<0.1	326	0.1	13.2	81	21.7
F061434		0.05	0.9	159	0.4	17.5	59	112.5
F061435		0.16	0.4	238	0.5	14.2	65	71.2
F061436		0.18	<0.1	296	1.0	9.9	70	13.2
F061437		0.09	<0.1	276	0.8	15.3	173	10.7
F061438		0.03	0.2	229	2.2	17.5	97	25.9
F061439		0.07	0.2	220	1.6	11.2	77	14.8
F061440		0.48	1.5	214	16.4	14.4	3960	32.0



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 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22137132**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061441		2.23	0.007	0.006	0.008	0.16	7.37	0.6	40	0.16	0.03	6.86	0.02	5.80	48.2	248
F061442		4.67	0.006	0.008	0.013	0.14	7.42	0.8	10	0.06	0.02	7.73	0.04	1.87	58.7	242
F061443		4.69	0.005	0.008	0.013	0.09	7.86	2.6	20	0.08	0.02	8.74	0.06	1.57	59.4	250
F061444		4.96	0.007	0.008	0.012	0.07	8.16	2.3	20	0.07	0.03	9.38	0.09	2.47	59.2	249
F061445		2.30	0.003	0.006	0.012	0.06	8.40	0.8	20	0.13	0.03	9.00	0.08	3.47	55.4	228
F061446		1.48	0.003	<0.005	0.009	0.03	9.14	3.2	20	0.07	0.02	8.56	0.03	2.07	55.4	330
F061447		3.40	0.007	0.008	0.008	0.08	9.54	4.9	40	0.15	0.04	9.26	0.10	4.50	42.9	166
F061448		2.41	0.016	0.018	0.030	0.24	9.93	9.2	30	0.13	0.09	9.11	0.23	4.85	54.5	145
F061449		2.60	0.032	0.057	0.103	0.43	9.39	1.6	30	0.10	0.13	8.76	0.33	5.34	57.6	124
F061450		1.25	<0.001	<0.005	<0.001	0.01	0.10	0.2	70	<0.05	<0.01	34.1	<0.02	1.01	0.7	2
F061451		2.21	0.017	0.018	0.030	0.39	8.55	4.6	30	0.11	0.09	8.42	0.20	6.19	54.7	103
F061452		2.38	0.003	<0.005	0.001	0.10	7.97	0.6	30	0.12	0.06	7.64	0.11	5.22	54.8	147
F061453		2.33	0.002	<0.005	<0.001	0.09	8.60	1.3	30	0.16	0.05	8.69	0.10	7.06	44.3	182
F061454		2.43	0.001	<0.005	<0.001	0.08	9.21	2.8	30	0.19	0.04	9.29	0.08	6.84	42.5	157
F061455		2.52	0.002	<0.005	<0.001	0.12	9.14	2.0	30	0.11	0.05	9.75	0.08	5.37	41.4	169
F061456		2.05	0.001	<0.005	<0.001	0.06	8.47	1.0	90	0.16	0.02	8.19	0.06	5.10	32.7	109
F061457		2.46	0.065	<0.005	<0.001	0.01	7.48	3.8	210	0.22	0.02	8.67	0.03	5.17	31.6	35
F061458		2.28	0.001	<0.005	<0.001	0.06	7.92	3.9	50	0.17	0.03	8.45	0.07	6.82	44.7	45
F061459		2.54	0.001	<0.005	<0.001	0.06	7.60	1.9	20	0.17	0.02	8.39	0.10	7.94	47.9	50
F061460		<0.02	<0.001	<0.005	<0.001	0.06	8.02	1.8	30	0.16	0.02	8.71	0.09	8.03	49.1	48
F061461		3.27	<0.001	<0.005	<0.001	0.06	7.86	2.6	40	0.21	0.04	8.53	0.13	7.95	45.8	42
F061462		1.14	0.001	<0.005	<0.001	0.05	8.64	3.6	120	0.20	0.05	8.33	0.11	5.69	41.1	32
F061463		1.21	<0.001	<0.005	<0.001	0.04	9.06	1.5	50	0.30	0.04	8.26	0.08	12.60	36.0	29
F061464		2.17	<0.001	<0.005	<0.001	0.02	7.44	<0.2	370	0.99	0.04	2.65	0.02	49.1	6.2	9
F061465		3.49	<0.001	<0.005	<0.001	0.04	9.25	0.9	80	0.26	0.03	8.91	0.08	6.66	38.1	34
F061466		2.68	0.001	<0.005	0.001	0.03	9.42	0.7	40	0.20	0.01	9.04	0.10	6.34	37.9	34
F061467		2.91	<0.001	<0.005	<0.001	0.12	9.23	11.0	20	0.16	0.04	7.70	0.24	5.95	35.8	39
F061468		2.35	<0.001	<0.005	<0.001	0.04	8.61	6.6	20	0.18	0.04	7.42	0.12	6.25	42.0	45
F061469		2.10	0.001	<0.005	<0.001	0.02	8.61	4.3	30	0.16	0.03	6.92	0.08	6.03	40.4	42
F061470		0.11	0.430	<0.005	<0.001	0.37	7.23	4.1	860	1.01	1.44	1.76	0.09	29.9	5.7	14
F061471		2.21	0.001	<0.005	<0.001	0.02	7.68	5.1	60	0.20	0.02	7.15	0.02	1.68	37.9	42
F061472		1.61	0.004	<0.005	0.002	0.07	8.17	5.4	140	0.22	0.03	6.82	<0.02	7.15	38.5	90
F061473		1.59	0.011	<0.005	0.007	0.13	4.92	7.9	70	0.12	0.09	13.50	0.04	23.3	50.3	1100
F061474		2.21	0.006	0.008	0.016	0.11	7.66	1.9	100	0.12	0.02	7.74	<0.02	2.61	43.0	892
F061475		1.59	0.011	0.017	0.075	0.15	8.71	2.7	170	0.10	0.03	5.81	<0.02	0.91	53.0	>10000
F061476		2.63	0.002	0.007	0.011	0.11	8.47	2.8	30	0.12	0.03	7.39	0.07	4.06	41.6	322
F061477		2.15	0.002	0.012	0.017	0.15	7.77	2.7	30	0.09	0.03	7.59	0.06	5.69	40.2	380
F061478		2.20	0.003	0.008	0.016	0.09	8.96	3.6	30	0.05	0.03	7.69	0.08	3.69	32.0	295
F061479		2.59	0.002	0.008	0.013	0.29	8.03	10.2	30	0.09	0.03	7.57	0.07	3.51	39.9	332
F061480		1.10	<0.001	<0.005	0.001	<0.01	0.18	<0.2	10	0.06	0.01	32.7	<0.02	0.97	0.7	6



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Project: McVicar

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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061441		0.81	130.5	7.88	11.70	0.07	0.4	0.033	0.18	2.4	32.7	5.78	1175	0.13	0.81	0.8
F061442		0.32	185.0	8.39	12.45	0.07	0.2	0.040	0.05	0.9	22.1	5.99	1320	0.05	0.71	0.2
F061443		0.40	188.0	8.36	13.05	0.07	0.2	0.037	0.07	0.7	13.1	5.65	1385	<0.05	0.83	0.1
F061444		0.34	158.5	7.22	13.10	0.07	0.2	0.036	0.07	1.1	11.7	5.63	1290	0.09	0.69	0.1
F061445		0.21	151.0	6.30	13.05	0.07	0.2	0.033	0.07	1.5	11.2	5.76	1165	0.05	0.86	0.2
F061446		0.16	49.9	5.83	13.15	0.06	0.1	0.023	0.06	1.0	14.2	5.31	1025	<0.05	0.91	0.1
F061447		0.31	219	4.92	12.60	0.07	0.3	0.018	0.10	2.1	12.2	5.15	1000	0.14	1.01	0.5
F061448		0.32	631	4.84	13.35	0.07	0.3	0.021	0.08	2.2	13.6	4.63	906	0.17	1.18	0.6
F061449		0.46	972	4.94	12.60	0.08	0.2	0.020	0.08	2.5	14.9	4.63	892	0.19	1.04	0.6
F061450		<0.05	3.9	0.14	0.27	0.05	0.1	<0.005	0.04	1.2	1.2	1.62	83	<0.05	0.03	0.1
F061451		0.50	677	5.44	11.50	0.07	0.3	0.024	0.07	3.0	15.2	5.78	1010	0.16	0.83	0.6
F061452		0.23	229	6.00	11.45	0.08	0.2	0.021	0.07	2.4	14.1	6.68	1040	0.12	0.68	0.6
F061453		0.40	172.0	5.41	12.45	0.08	0.4	0.024	0.10	3.2	11.3	5.79	1015	0.14	0.95	0.8
F061454		0.33	122.5	5.20	12.90	0.08	0.4	0.023	0.10	3.2	9.4	5.75	1010	1.35	0.99	1.0
F061455		0.38	147.5	4.94	12.50	0.07	0.3	0.021	0.09	2.4	11.5	5.59	1010	0.11	0.87	0.5
F061456		0.50	83.3	4.69	10.15	0.06	0.3	0.016	0.47	2.3	25.2	5.06	896	0.07	0.97	0.6
F061457		1.05	17.8	4.49	12.35	0.09	0.3	0.024	2.23	2.3	25.1	3.37	874	0.10	0.36	0.6
F061458		0.44	46.3	6.03	11.60	0.07	0.4	0.029	0.29	3.0	31.6	4.76	1085	0.12	0.77	0.7
F061459		0.24	50.2	6.56	11.85	0.08	0.5	0.032	0.08	3.5	10.0	4.92	1255	0.12	0.76	1.0
F061460		0.29	50.8	6.70	12.25	0.08	0.5	0.036	0.08	3.6	10.4	5.09	1290	0.12	0.78	1.0
F061461		0.34	43.8	6.22	12.35	0.06	0.5	0.034	0.15	3.5	12.6	4.67	1210	0.15	0.93	1.0
F061462		0.60	42.5	5.79	13.25	0.10	0.3	0.027	0.47	2.5	23.5	3.78	970	0.11	1.13	0.7
F061463		0.24	31.9	5.50	15.00	0.08	1.0	0.021	0.09	5.9	19.3	3.30	914	0.22	1.47	1.9
F061464		0.97	17.6	2.83	17.25	0.13	4.9	0.019	0.83	23.5	5.3	0.48	410	0.98	3.62	8.3
F061465		0.38	34.9	5.55	14.70	0.09	0.4	0.030	0.25	3.2	16.9	3.55	964	0.16	1.24	0.8
F061466		0.20	39.2	5.50	14.20	0.10	0.4	0.028	0.11	2.8	7.2	3.75	1060	0.14	1.04	0.9
F061467		0.27	39.5	4.99	13.70	0.05	0.4	0.023	0.04	2.7	14.2	3.62	970	0.27	1.31	0.9
F061468		0.32	42.3	5.55	13.40	0.06	0.4	0.031	0.04	2.8	18.6	4.22	1060	0.20	0.95	0.9
F061469		0.41	27.9	5.54	13.05	0.05	0.4	0.025	0.11	2.7	36.9	4.42	968	0.12	1.16	0.9
F061470		0.53	43.2	2.30	13.45	0.10	2.0	0.035	1.75	13.2	3.2	0.51	645	2.36	3.31	6.1
F061471		0.54	6.2	5.21	12.75	0.05	0.4	0.011	0.50	0.8	59.9	4.13	794	0.08	0.67	0.6
F061472		1.10	15.8	5.37	14.30	0.08	0.6	0.027	1.01	3.4	37.8	4.07	705	0.06	0.33	0.9
F061473		0.41	54.8	4.18	8.45	0.05	0.2	0.040	0.61	11.8	17.9	3.64	1100	0.06	0.08	0.2
F061474		0.84	94.3	5.55	11.70	<0.05	0.1	0.025	0.85	1.3	55.8	4.52	639	<0.05	0.41	0.1
F061475		0.94	120.5	5.27	13.10	<0.05	0.1	0.015	1.32	<0.5	55.1	5.03	780	<0.05	0.42	0.3
F061476		1.17	89.3	5.65	10.10	0.05	0.1	0.030	0.13	1.9	39.7	5.66	1150	<0.05	0.86	0.1
F061477		0.74	71.4	6.11	9.51	0.05	0.2	0.048	0.11	2.9	20.2	5.82	1335	<0.05	1.23	0.1
F061478		0.54	21.8	5.61	11.20	0.06	0.2	0.038	0.08	1.9	16.0	4.80	1230	<0.05	1.35	0.2
F061479		0.99	69.7	5.81	10.55	<0.05	0.2	0.039	0.07	1.7	13.8	5.40	1330	<0.05	1.15	0.1
F061480		<0.05	1.7	0.16	0.45	0.10	0.1	<0.005	0.01	1.1	1.2	2.11	98	<0.05	0.09	0.1



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		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.01	0.005	
F061441		208	150	2.3	5.3	<0.002	0.05	0.27	31.5	1	<0.2	61.2	0.06	<0.05	0.36	0.313
F061442		224	40	1.3	0.9	<0.002	0.07	0.34	40.7	1	<0.2	115.5	<0.05	<0.05	0.03	0.269
F061443		235	50	0.9	1.0	<0.002	0.07	0.26	33.0	1	<0.2	130.0	<0.05	<0.05	0.03	0.251
F061444		230	30	1.1	0.9	<0.002	0.07	0.17	34.0	1	<0.2	149.0	<0.05	<0.05	0.12	0.178
F061445		216	40	1.3	0.6	<0.002	0.06	0.11	40.4	<1	<0.2	153.5	<0.05	<0.05	0.06	0.129
F061446		258	20	0.6	0.5	<0.002	0.04	0.13	34.9	<1	<0.2	123.5	<0.05	<0.05	0.03	0.100
F061447		344	80	1.4	0.8	<0.002	0.04	0.17	22.5	<1	<0.2	230	<0.05	0.05	0.17	0.098
F061448		750	80	2.1	0.5	0.002	0.19	0.39	18.0	1	0.2	255	0.05	0.17	0.32	0.092
F061449		1170	110	3.0	0.6	0.002	0.32	0.26	18.7	2	0.2	224	<0.05	0.22	0.23	0.101
F061450		2.9	70	<0.5	0.8	<0.002	0.01	0.08	0.3	1	<0.2	88.4	<0.05	<0.05	0.07	0.006
F061451		824	90	1.7	1.1	<0.002	0.22	0.20	22.2	1	0.2	170.5	0.05	0.20	0.24	0.099
F061452		365	110	0.9	0.7	<0.002	0.15	0.14	24.4	1	<0.2	150.0	0.05	<0.05	0.24	0.111
F061453		236	150	1.3	1.1	<0.002	0.06	0.21	31.2	<1	0.2	188.5	0.06	<0.05	0.32	0.142
F061454		220	190	1.1	1.2	<0.002	0.04	0.26	30.3	1	0.2	224	0.08	<0.05	0.35	0.148
F061455		227	80	1.4	1.0	<0.002	0.06	0.25	29.0	1	0.2	217	<0.05	<0.05	0.25	0.109
F061456		163.5	90	0.6	10.3	<0.002	0.03	0.12	24.0	<1	0.2	126.0	0.05	<0.05	0.24	0.112
F061457		61.4	100	0.5	42.7	<0.002	0.05	0.13	24.4	<1	0.2	80.6	0.05	<0.05	0.26	0.144
F061458		77.2	120	1.2	8.2	<0.002	0.13	0.17	34.2	<1	<0.2	136.0	0.05	<0.05	0.40	0.160
F061459		80.8	150	1.8	0.8	<0.002	0.16	0.28	38.3	1	0.2	203	0.08	<0.05	0.46	0.206
F061460		82.6	150	1.7	0.9	<0.002	0.16	0.29	38.1	1	0.2	212	0.07	<0.05	0.48	0.212
F061461		74.5	140	1.5	2.3	<0.002	0.13	0.22	35.3	<1	0.2	208	0.07	<0.05	0.46	0.192
F061462		59.8	130	1.7	6.9	<0.002	0.19	0.16	29.8	<1	0.2	197.5	0.06	<0.05	0.33	0.194
F061463		52.0	180	2.2	0.7	<0.002	0.08	0.24	26.7	1	0.4	270	0.17	<0.05	1.14	0.213
F061464		1.8	580	2.6	34.3	<0.002	0.06	0.09	7.8	<1	0.9	165.0	0.81	<0.05	6.27	0.271
F061465		62.5	130	2.2	2.2	<0.002	0.08	0.15	25.8	<1	0.3	241	0.06	<0.05	0.39	0.203
F061466		65.0	140	1.4	0.7	<0.002	0.09	0.13	27.6	<1	0.2	262	0.07	<0.05	0.35	0.177
F061467		60.7	130	4.6	0.2	<0.002	0.06	0.68	23.6	<1	0.2	254	0.07	<0.05	0.38	0.132
F061468		73.3	140	3.4	0.3	<0.002	0.09	0.58	27.2	<1	0.2	234	0.07	<0.05	0.39	0.141
F061469		66.9	120	2.5	0.8	0.002	0.12	0.46	26.0	<1	0.2	176.5	0.07	<0.05	0.37	0.129
F061470		10.1	480	9.8	39.0	<0.002	0.04	0.82	6.3	<1	1.0	205	0.42	0.33	3.26	0.197
F061471		72.9	100	1.5	4.7	<0.002	0.16	0.25	23.9	<1	0.2	150.5	<0.05	<0.05	0.24	0.098
F061472		94.2	180	0.8	34.1	<0.002	0.15	0.26	27.7	<1	0.3	58.3	0.08	<0.05	0.55	0.238
F061473		489	70	0.8	24.8	<0.002	0.09	0.37	24.6	1	0.2	50.9	<0.05	<0.05	0.15	0.120
F061474		218	40	1.0	19.7	<0.002	0.01	0.18	30.5	<1	<0.2	69.6	<0.05	0.10	0.11	0.119
F061475		375	50	0.9	17.4	<0.002	0.02	0.23	15.8	<1	<0.2	49.3	0.05	0.26	0.25	0.084
F061476		123.0	60	2.3	3.3	<0.002	0.01	0.37	38.8	<1	<0.2	128.5	<0.05	<0.05	0.04	0.111
F061477		114.0	30	2.2	1.9	<0.002	0.03	0.54	43.8	<1	<0.2	188.5	<0.05	<0.05	0.04	0.120
F061478		99.4	50	2.2	0.9	<0.002	0.01	0.46	31.0	<1	<0.2	238	<0.05	<0.05	0.05	0.100
F061479		118.5	50	1.8	1.6	<0.002	0.03	0.32	27.0	<1	<0.2	198.5	<0.05	<0.05	0.04	0.099
F061480		0.7	70	<0.5	0.2	<0.002	<0.01	0.06	0.7	<1	<0.2	83.9	<0.05	<0.05	0.07	0.020



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22137132**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061441		0.03	0.1	233	0.5	6.9	79	13.2
F061442		0.02	<0.1	264	0.1	6.1	73	4.5
F061443		<0.02	<0.1	273	0.1	6.7	65	4.9
F061444		<0.02	<0.1	221	0.1	6.0	56	5.4
F061445		<0.02	<0.1	171	0.1	5.2	54	6.4
F061446		<0.02	<0.1	189	0.1	2.9	50	3.1
F061447		<0.02	0.1	87	0.1	3.7	44	9.3
F061448		0.03	0.1	72	0.1	3.5	44	8.3
F061449		0.04	0.1	80	0.1	3.7	47	6.5
F061450		<0.02	0.1	1	<0.1	2.2	3	2.3
F061451		0.02	0.1	81	0.1	4.2	53	8.9
F061452		<0.02	0.1	91	0.1	4.2	58	7.3
F061453		<0.02	0.1	113	0.1	6.0	49	11.9
F061454		<0.02	0.1	109	0.1	5.6	47	13.1
F061455		<0.02	0.1	101	0.1	5.0	47	9.7
F061456		0.08	0.1	93	0.4	4.4	46	7.9
F061457		0.39	0.1	131	1.3	3.7	37	9.7
F061458		0.05	0.1	149	0.4	6.2	60	15.0
F061459		<0.02	0.1	166	0.1	7.5	65	15.1
F061460		<0.02	0.1	168	0.1	7.6	66	17.7
F061461		0.02	0.1	153	0.4	7.4	65	15.7
F061462		0.07	0.1	184	0.9	5.7	59	12.2
F061463		0.02	0.4	173	0.4	7.4	58	38.5
F061464		0.16	1.7	25	0.8	18.1	26	190.0
F061465		0.05	0.1	171	0.4	5.7	59	12.3
F061466		<0.02	0.1	138	0.1	5.9	55	13.4
F061467		0.02	0.1	102	0.2	4.6	54	10.1
F061468		<0.02	0.1	117	0.3	5.2	63	10.7
F061469		0.02	0.1	110	0.3	4.8	57	12.4
F061470		0.18	1.4	37	20.3	19.1	46	63.7
F061471		0.11	0.1	97	0.6	2.1	49	13.4
F061472		0.23	0.2	161	1.2	5.2	52	18.7
F061473		0.12	0.1	130	2.2	7.1	58	7.8
F061474		0.23	<0.1	150	1.2	2.5	53	3.0
F061475		0.35	<0.1	194	0.9	1.7	104	3.5
F061476		0.02	<0.1	126	0.4	4.9	52	4.4
F061477		0.02	<0.1	146	0.3	6.0	55	6.6
F061478		<0.02	<0.1	115	0.2	4.3	49	6.0
F061479		0.02	<0.1	115	0.2	4.4	54	5.8
F061480		<0.02	0.2	4	<0.1	2.4	2	2.5





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CERTIFICATE OF ANALYSIS TB22137132
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP24 Au ppm	PGM-ICP24 Pt ppm	PGM-ICP24 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
F061481		2.32	0.002	0.008	0.018	0.78	7.93	15.0	20	0.08	0.04	7.02	0.10	3.39	49.2	638
F061482		2.43	0.004	<0.005	0.004	0.54	8.81	37.5	30	0.10	0.06	7.66	0.13	3.55	54.6	407
F061483		2.58	0.003	0.041	0.104	0.16	9.63	52.6	30	0.08	0.10	7.93	0.09	2.24	51.3	3210
F061484		2.28	0.001	0.028	0.038	0.04	8.93	42.7	30	0.08	0.07	6.62	0.10	2.13	66.4	>10000
F061485		2.21	0.002	0.011	0.017	0.14	7.83	22.0	40	0.07	0.05	7.21	0.09	2.89	43.5	344
F061486		2.26	0.001	0.011	0.013	0.04	8.22	23.0	20	0.09	0.07	7.89	0.06	3.16	39.9	277
F061487		3.43	0.001	0.014	0.015	0.31	9.07	52.1	40	0.09	0.07	7.39	0.07	2.56	61.0	2210
F061488		3.54	0.001	0.007	0.012	0.39	8.66	14.2	30	0.11	0.03	8.07	0.10	5.60	43.2	427
F061489		5.16	0.001	0.006	0.009	0.10	8.53	19.3	30	0.07	0.02	8.41	0.06	3.56	45.9	308
F061490		<0.02	0.001	0.007	0.009	0.11	8.56	19.2	30	0.07	0.02	8.45	0.05	3.46	45.9	306
F061491		4.22	0.002	0.005	0.007	0.50	8.90	19.4	20	0.06	0.03	9.18	0.19	3.10	51.0	222
F061492		4.48	0.001	<0.005	0.004	0.26	8.55	7.2	40	0.10	0.01	7.84	0.21	3.33	44.1	293
F061493		3.87	0.001	0.005	0.007	0.24	8.44	1.1	20	0.08	0.02	8.67	0.14	2.67	46.4	306
F061494		3.51	0.002	0.007	0.016	0.23	7.64	1.5	20	0.09	0.02	8.29	0.16	2.85	48.2	350



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CERTIFICATE OF ANALYSIS TB22137132
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Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Method Analyte Units LOD	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061481	1.40	100.5	6.65	10.15	0.05	0.3	0.047	0.07	1.4	15.4	6.22	1420	<0.05	1.33	0.1
F061482	1.60	87.5	5.83	11.05	0.06	0.3	0.057	0.08	1.5	13.6	5.06	1270	<0.05	1.66	0.1
F061483	1.20	13.2	5.64	13.75	<0.05	0.1	0.035	0.05	1.1	14.8	4.42	1305	0.10	1.45	0.2
F061484	2.27	9.2	7.16	14.55	0.05	0.2	0.026	0.09	0.9	15.0	5.90	2020	0.07	1.29	0.2
F061485	0.68	86.1	5.61	10.20	0.05	0.2	0.027	0.11	1.3	19.2	5.73	1275	<0.05	1.02	0.1
F061486	0.57	15.1	5.76	10.30	<0.05	0.2	0.029	0.05	1.5	14.0	5.98	1280	<0.05	1.34	0.1
F061487	2.14	67.9	5.89	12.55	0.05	0.2	0.020	0.10	1.3	21.4	6.22	1250	<0.05	1.00	0.2
F061488	1.10	93.5	5.59	10.85	0.06	0.5	0.030	0.09	2.4	19.2	5.83	1265	0.05	1.21	0.6
F061489	0.84	50.9	5.57	10.90	0.06	0.2	0.028	0.10	1.5	15.8	5.89	1265	<0.05	1.06	0.1
F061490	0.84	52.7	5.55	10.90	0.06	0.2	0.031	0.10	1.5	15.4	5.93	1265	<0.05	1.04	0.1
F061491	0.92	79.3	5.93	11.80	0.05	0.2	0.034	0.06	1.5	13.0	5.93	1360	<0.05	0.75	0.1
F061492	1.22	82.9	5.55	10.90	0.05	0.3	0.031	0.14	1.3	17.8	6.02	1340	<0.05	1.15	0.1
F061493	0.34	100.5	5.63	10.55	0.06	0.2	0.025	0.08	1.1	11.2	5.91	1245	<0.05	0.84	0.1
F061494	0.38	73.1	6.02	10.35	0.06	0.2	0.026	0.08	1.1	10.0	5.84	1300	0.05	0.83	0.1

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**CERTIFICATE OF ANALYSIS TB22137132**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061481		177.0	50	1.7	1.9	<0.002	0.05	0.40	30.0	<1	<0.2	200	<0.05	<0.05	0.05	0.114
F061482		128.0	140	2.1	1.8	<0.002	0.06	0.68	34.2	<1	0.2	263	<0.05	<0.05	0.07	0.120
F061483		275	50	2.2	0.6	<0.002	0.01	0.64	12.8	<1	<0.2	287	<0.05	0.12	0.04	0.078
F061484		357	40	1.5	2.4	<0.002	<0.01	0.60	24.0	<1	<0.2	212	<0.05	<0.05	0.07	0.117
F061485		149.0	20	1.7	2.0	<0.002	0.04	0.35	34.7	<1	<0.2	168.5	<0.05	<0.05	0.02	0.101
F061486		184.0	30	1.4	1.2	<0.002	<0.01	0.62	33.2	<1	<0.2	231	<0.05	<0.05	0.03	0.087
F061487		341	40	1.4	2.5	<0.002	0.03	0.29	21.2	<1	0.2	198.5	<0.05	<0.05	0.04	0.082
F061488		158.0	110	1.4	2.4	<0.002	0.05	0.22	39.4	<1	<0.2	158.0	<0.05	<0.05	0.25	0.144
F061489		154.5	30	1.2	1.7	<0.002	0.02	0.27	37.0	<1	<0.2	197.5	<0.05	<0.05	0.03	0.099
F061490		152.0	30	1.1	1.7	<0.002	0.02	0.27	36.3	<1	<0.2	196.5	<0.05	<0.05	0.03	0.100
F061491		184.5	30	2.1	1.6	<0.002	0.03	0.49	34.4	<1	<0.2	243	<0.05	<0.05	0.02	0.081
F061492		118.0	30	3.4	3.1	<0.002	0.04	0.26	40.1	<1	<0.2	184.0	<0.05	<0.05	0.03	0.108
F061493		147.0	20	1.9	0.8	<0.002	0.04	0.14	40.5	<1	<0.2	171.0	<0.05	<0.05	0.03	0.107
F061494		154.0	30	1.7	0.7	<0.002	0.04	0.15	29.0	<1	0.2	148.5	<0.05	<0.05	0.03	0.119



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CERTIFICATE OF ANALYSIS TB22137132
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Sample Description	Method Analyte Units LOD	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F061481		<0.02	<0.1	140	0.3	5.3	101	7.6
F061482		<0.02	<0.1	129	0.3	5.3	47	7.3
F061483		<0.02	<0.1	104	0.1	2.1	265	4.5
F061484		0.02	<0.1	235	0.1	3.1	900	6.9
F061485		0.03	<0.1	129	0.1	4.3	47	5.3
F061486		<0.02	<0.1	103	0.1	4.1	37	5.9
F061487		0.04	<0.1	104	0.1	2.8	215	5.5
F061488		0.02	0.1	136	0.2	6.3	47	19.4
F061489		0.02	0.1	127	0.1	4.7	40	6.1
F061490		0.02	0.1	126	0.1	4.6	39	5.9
F061491		0.02	<0.1	101	0.1	4.0	51	4.7
F061492		0.03	0.1	132	0.1	5.3	52	7.0
F061493		<0.02	<0.1	128	0.1	4.9	50	6.8
F061494		<0.02	<0.1	135	0.1	5.2	55	7.0





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**CERTIFICATE TB22145362**

Project: McVicar

This report is for 146 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 1-JUN-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations



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 VENTURE  
 1430-800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

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 Finalized Date: 19-JUN-2022  
 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22145362**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061651		1.83	0.001	<0.005	0.001	0.07	7.29	1.6	60	0.39	0.17	5.18	0.06	30.9	45.6	294
F061652		2.38	0.003	0.008	0.007	0.13	7.44	3.9	160	0.38	0.58	5.56	0.14	27.0	40.6	215
F061653		2.57	0.002	0.012	0.011	0.14	7.74	1.4	60	0.30	0.03	7.33	0.13	9.47	48.2	186
F061654		2.51	0.002	0.012	0.011	0.11	7.63	0.8	70	0.37	0.05	7.05	0.10	19.20	43.8	175
F061655		2.26	<0.001	<0.005	<0.001	0.03	7.69	0.8	190	0.80	0.06	4.31	0.03	76.1	22.9	58
F061656		2.28	0.005	<0.005	0.001	0.02	7.57	2.1	150	0.69	0.06	4.72	0.04	53.8	27.0	92
F061657		1.16	0.024	0.010	0.011	0.16	6.39	4.7	150	0.30	0.31	7.26	0.04	12.75	36.0	136
F061658		2.08	0.008	<0.005	0.003	0.10	7.50	3.9	280	0.29	0.19	7.17	0.07	17.15	33.8	70
F061659		1.57	0.002	<0.005	0.001	0.08	7.58	5.4	170	0.20	0.08	7.11	0.04	5.78	44.7	57
F061660		0.11	1.210	<0.005	0.003	71.1	6.52	51.8	210	1.12	2.37	1.90	16.90	27.8	20.3	125
F061661		4.43	0.001	<0.005	<0.001	0.10	8.71	2.5	40	0.15	0.02	8.30	0.10	5.90	39.8	50
F061662		4.80	0.001	<0.005	0.001	0.11	8.64	4.1	20	0.14	0.01	8.14	0.10	4.81	39.7	49
F061663		5.09	<0.001	<0.005	0.001	0.08	8.97	2.7	30	0.16	0.01	8.24	0.17	4.59	39.0	46
F061664		4.97	<0.001	<0.005	<0.001	0.08	9.30	2.5	30	0.14	0.01	8.42	0.25	4.50	38.3	54
F061665		4.51	<0.001	<0.005	0.001	0.07	9.04	5.1	20	0.15	0.02	8.52	0.19	4.98	42.9	55
F061666		4.87	<0.001	<0.005	<0.001	0.07	9.48	1.1	30	0.14	0.01	8.71	0.15	4.59	36.2	57
F061667		5.19	<0.001	<0.005	0.001	0.07	8.84	4.4	20	0.13	0.02	8.36	0.17	4.40	37.7	55
F061668		4.91	<0.001	<0.005	0.001	0.07	9.49	5.9	20	0.12	0.01	8.96	0.10	4.53	36.3	51
F061669		4.75	<0.001	<0.005	<0.001	0.07	8.85	3.5	20	0.13	0.01	8.30	0.09	4.42	38.1	51
F061670		2.02	<0.001	<0.005	0.001	0.01	0.04	<0.2	220	<0.05	0.02	19.35	0.06	0.58	0.7	1
F061671		4.83	<0.001	<0.005	<0.001	0.04	9.08	1.5	30	0.13	0.01	8.57	0.10	4.12	37.8	50
F061672		3.47	<0.001	<0.005	<0.001	0.04	9.20	1.9	60	0.16	0.02	8.42	0.13	3.59	28.7	41
F061673		2.43	<0.001	<0.005	<0.001	0.03	7.46	0.4	280	0.17	0.10	7.96	0.03	2.66	26.5	35
F061674		1.43	<0.001	<0.005	<0.001	0.10	7.63	1.0	170	0.21	0.03	6.47	0.07	3.85	28.9	38
F061675		1.43	0.001	<0.005	<0.001	0.01	7.44	<0.2	190	0.94	0.12	3.01	0.02	47.6	6.8	11
F061676		2.69	<0.001	<0.005	<0.001	0.03	9.63	1.4	50	0.14	0.02	8.96	0.09	2.78	25.4	32
F061677		4.66	<0.001	<0.005	<0.001	0.03	9.67	2.6	40	0.14	0.01	8.90	0.09	2.85	26.1	34
F061678		4.91	<0.001	<0.005	<0.001	0.03	9.62	1.2	40	0.12	0.01	8.89	0.09	3.48	28.4	34
F061679		2.54	<0.001	<0.005	<0.001	0.01	9.49	6.4	20	0.11	0.02	9.91	0.05	3.28	20.7	27
F061680		<0.02	<0.001	<0.005	<0.001	0.01	9.81	7.2	20	0.14	0.02	9.53	0.03	3.33	21.5	27
F061681		2.33	<0.001	<0.005	<0.001	0.02	10.15	3.3	40	0.17	0.01	8.64	0.08	3.25	30.0	32
F061682		4.98	<0.001	<0.005	<0.001	0.02	9.71	1.2	30	0.12	<0.01	8.98	0.07	3.22	30.7	32
F061683		5.36	<0.001	<0.005	<0.001	0.02	9.15	<0.2	30	0.13	0.01	8.53	0.06	3.84	37.3	42
F061684		5.08	<0.001	<0.005	<0.001	0.02	9.75	2.1	30	0.13	0.01	9.02	0.06	3.08	28.6	35
F061685		5.11	<0.001	<0.005	<0.001	0.03	9.78	3.7	20	0.13	0.01	9.10	0.05	2.83	30.8	32
F061686		5.11	<0.001	<0.005	<0.001	0.02	9.93	4.6	30	0.14	0.01	9.50	0.05	2.41	20.7	24
F061687		4.79	<0.001	<0.005	0.001	0.03	9.35	0.9	40	0.14	0.01	8.81	0.06	3.10	33.1	36
F061688		4.92	<0.001	<0.005	<0.001	0.02	9.46	1.3	30	0.11	0.01	9.11	0.05	2.63	27.7	29
F061689		2.32	0.001	<0.005	<0.001	0.02	9.24	0.6	30	0.14	0.01	9.06	0.09	2.71	28.0	25
F061690		0.10	6.37	<0.005	0.006	85.4	7.44	447	1470	0.96	0.46	5.00	21.9	42.6	27.1	73



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061651		1.33	57.4	8.02	15.35	0.15	2.0	0.044	0.16	12.4	22.0	4.27	1200	0.45	1.90	4.0
F061652		1.00	119.0	7.34	15.05	0.16	2.0	0.046	0.45	10.6	18.2	3.76	1355	0.23	1.69	3.3
F061653		0.22	151.5	8.84	16.50	0.09	1.1	0.065	0.14	3.6	6.4	3.96	1485	0.23	1.69	2.7
F061654		0.30	124.0	8.48	16.55	0.10	1.2	0.063	0.16	7.4	6.8	3.70	1460	0.43	1.86	3.1
F061655		0.82	33.1	5.53	17.10	0.18	3.0	0.041	0.37	34.1	15.0	2.08	837	0.12	2.94	6.3
F061656		0.79	35.4	5.71	16.35	0.16	2.7	0.032	0.35	24.8	19.3	2.66	805	0.10	2.57	5.0
F061657		1.04	119.5	6.76	13.35	0.11	1.1	0.048	0.68	5.3	25.0	3.33	1025	0.42	0.90	2.5
F061658		1.76	62.4	5.10	13.15	0.13	1.1	0.030	1.55	7.3	28.3	3.46	958	0.28	0.84	2.2
F061659		1.72	44.9	4.98	12.00	0.11	0.5	0.027	1.64	2.6	36.9	4.35	914	0.17	0.41	0.7
F061660		2.07	7130	4.96	16.20	0.15	0.8	0.212	2.24	12.4	11.6	1.92	716	261	1.62	7.4
F061661		0.63	54.7	4.94	13.35	0.12	0.4	0.027	0.20	2.7	18.0	4.23	1045	0.39	1.03	0.7
F061662		0.32	49.0	4.86	13.10	0.11	0.4	0.025	0.06	2.1	12.3	4.10	1065	0.23	1.18	0.5
F061663		0.53	45.4	4.76	13.75	0.12	0.4	0.026	0.08	2.0	12.5	4.06	1015	0.11	1.19	0.5
F061664		0.38	41.7	4.88	13.50	0.12	0.3	0.023	0.07	2.0	14.0	4.21	1010	0.14	1.22	0.5
F061665		0.27	34.8	5.14	13.60	0.12	0.4	0.025	0.05	2.1	12.9	4.37	1075	0.13	1.04	0.6
F061666		0.29	37.2	4.67	13.75	0.08	0.3	0.025	0.07	2.0	10.8	3.99	962	0.11	1.13	0.6
F061667		0.20	39.0	4.67	13.40	0.12	0.3	0.024	0.04	1.9	12.2	3.93	949	0.12	1.00	0.5
F061668		0.19	41.8	4.45	14.40	0.09	0.4	0.019	0.03	2.0	13.4	3.74	928	0.10	0.99	0.5
F061669		0.25	46.8	4.55	13.65	0.08	0.4	0.026	0.04	1.9	13.3	3.94	950	0.10	1.02	0.5
F061670		0.47	1.6	0.07	0.22	0.14	<0.1	<0.005	0.01	<0.5	8.1	12.75	385	0.10	0.02	<0.1
F061671		0.31	42.8	4.51	13.70	0.08	0.3	0.022	0.06	1.8	15.4	3.96	912	0.12	0.96	0.5
F061672		0.84	32.1	3.80	14.45	0.06	0.2	0.018	0.26	1.6	18.4	3.20	804	0.09	1.17	0.4
F061673		3.24	21.2	3.53	13.15	0.06	0.2	0.027	2.98	1.2	25.9	3.00	710	0.29	0.09	0.4
F061674		1.86	41.9	3.74	12.75	0.08	0.4	0.020	1.62	1.6	28.2	3.27	714	0.15	0.61	0.8
F061675		0.44	18.6	2.64	17.45	0.20	4.3	0.036	0.30	23.2	5.1	0.54	403	1.11	3.38	7.9
F061676		0.26	27.0	3.44	15.10	0.11	0.2	0.016	0.13	1.2	10.7	2.81	728	0.08	1.09	0.3
F061677		0.20	29.6	3.38	15.20	0.13	0.2	0.018	0.06	1.3	9.3	2.80	690	0.09	1.10	0.4
F061678		0.21	33.8	3.57	14.85	0.12	0.2	0.019	0.06	1.5	8.7	2.99	734	0.08	1.07	0.4
F061679		0.19	8.6	3.01	13.75	0.10	0.2	0.015	0.04	1.5	11.0	2.27	698	0.08	0.96	0.4
F061680		0.21	7.8	3.11	13.65	0.11	0.2	0.014	0.03	1.5	12.0	2.42	705	0.08	1.15	0.4
F061681		0.24	31.0	3.69	15.50	0.12	0.2	0.019	0.04	1.4	10.1	3.13	736	0.10	1.21	0.5
F061682		0.16	35.4	3.62	15.00	0.13	0.2	0.018	0.04	1.4	7.0	3.01	771	0.08	1.05	0.4
F061683		0.20	40.8	4.38	13.60	0.07	0.3	0.020	0.04	1.7	7.2	3.88	916	0.10	0.96	0.4
F061684		0.13	39.7	3.72	14.40	0.11	0.2	0.019	0.03	1.4	8.6	3.22	774	0.11	1.00	0.3
F061685		0.08	33.6	3.74	15.45	0.13	0.2	0.016	0.01	1.2	9.8	3.11	792	0.11	1.03	0.4
F061686		0.13	21.9	2.63	16.90	0.13	0.2	0.011	0.03	1.0	8.5	1.82	583	0.10	1.62	0.4
F061687		0.22	44.0	3.83	15.35	0.11	0.2	0.018	0.05	1.4	13.5	3.30	755	0.11	1.07	0.4
F061688		0.21	37.2	3.53	15.40	0.08	0.2	0.016	0.03	1.1	15.5	2.89	736	0.13	1.19	0.4
F061689		0.27	35.6	3.26	16.35	0.09	0.2	0.017	0.03	1.2	13.3	2.65	688	0.08	1.33	0.5
F061690		2.62	757	6.35	18.70	0.10	1.2	0.096	1.47	22.0	26.1	2.42	959	18.50	1.94	21.9





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		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.01	0.005	
F061651		161.0	1100	1.3	6.3	<0.002	0.33	0.10	31.7	1	0.5	121.0	0.28	<0.05	1.81	0.553
F061652		111.0	680	2.4	15.0	<0.002	0.29	0.17	33.5	1	0.6	152.5	0.23	0.13	1.39	0.476
F061653		103.0	370	2.0	3.6	<0.002	0.10	0.24	42.1	1	0.6	177.0	0.17	<0.05	0.30	0.578
F061654		92.8	500	2.1	4.3	<0.002	0.08	0.27	38.4	1	0.6	228	0.20	0.05	0.75	0.556
F061655		49.6	1370	3.7	8.1	<0.002	0.07	0.39	14.9	<1	0.8	436	0.45	<0.05	3.66	0.433
F061656		74.7	1210	2.6	9.9	<0.002	0.08	0.38	17.2	1	0.7	278	0.36	<0.05	3.84	0.405
F061657		95.5	430	1.3	22.1	0.002	0.40	0.16	30.1	1	0.5	92.9	0.18	0.09	0.76	0.413
F061658		87.2	360	1.3	49.2	<0.002	0.34	0.19	26.2	<1	0.5	101.5	0.18	0.06	1.19	0.246
F061659		92.6	140	1.3	40.7	<0.002	0.22	0.14	30.9	1	0.2	80.5	0.06	<0.05	0.31	0.134
F061660		146.0	650	1480	75.8	0.114	2.40	137.5	8.1	5	4.7	362	0.51	0.39	4.89	0.228
F061661		93.1	120	3.7	1.8	<0.002	0.11	0.42	30.2	1	0.2	254	0.06	<0.05	0.30	0.124
F061662		91.9	100	3.0	0.4	<0.002	0.06	0.31	28.7	<1	0.2	249	0.05	<0.05	0.20	0.123
F061663		86.7	80	5.9	0.5	<0.002	0.08	0.26	28.6	<1	<0.2	245	<0.05	<0.05	0.19	0.122
F061664		82.2	90	4.8	0.3	<0.002	0.08	0.19	28.1	<1	0.2	227	<0.05	<0.05	0.20	0.128
F061665		92.9	90	3.6	0.6	<0.002	0.07	0.22	30.6	1	0.2	221	<0.05	<0.05	0.23	0.129
F061666		78.0	90	2.8	0.4	<0.002	0.10	0.19	26.7	<1	<0.2	245	0.05	<0.05	0.22	0.119
F061667		81.2	80	2.2	0.2	<0.002	0.08	0.27	27.2	<1	0.2	235	<0.05	<0.05	0.19	0.114
F061668		77.4	90	1.6	0.1	<0.002	0.08	0.20	26.5	<1	0.2	227	<0.05	<0.05	0.19	0.113
F061669		80.6	80	1.4	0.2	<0.002	0.07	0.19	26.9	1	0.2	214	<0.05	<0.05	0.17	0.111
F061670		0.6	40	1.7	0.7	<0.002	<0.01	0.10	0.1	<1	<0.2	152.0	<0.05	<0.05	0.07	<0.005
F061671		81.4	80	1.5	0.2	<0.002	0.10	0.15	25.5	<1	<0.2	218	<0.05	<0.05	0.16	0.108
F061672		65.8	70	1.7	1.8	<0.002	0.07	0.17	19.1	<1	<0.2	248	<0.05	<0.05	0.13	0.093
F061673		67.6	70	0.5	68.2	0.002	0.34	0.05	18.6	1	0.2	36.3	<0.05	0.06	0.14	0.083
F061674		72.8	80	1.7	21.4	<0.002	0.11	<0.05	17.6	<1	0.3	97.4	0.07	<0.05	0.26	0.101
F061675		5.4	540	4.4	9.6	<0.002	0.09	0.13	7.9	<1	1.3	197.0	0.77	<0.05	5.43	0.253
F061676		61.7	60	2.0	0.5	<0.002	0.03	0.18	16.1	<1	<0.2	270	<0.05	<0.05	0.09	0.082
F061677		63.5	50	1.3	0.2	<0.002	0.07	0.16	16.6	<1	<0.2	259	<0.05	<0.05	0.08	0.083
F061678		67.3	60	1.1	0.2	<0.002	0.09	0.12	18.9	<1	<0.2	246	<0.05	<0.05	0.12	0.088
F061679		48.6	50	2.3	0.3	<0.002	<0.01	0.44	16.9	<1	0.2	221	<0.05	<0.05	0.21	0.072
F061680		52.0	50	2.1	0.2	0.002	<0.01	0.33	17.3	<1	0.2	228	0.05	<0.05	0.22	0.074
F061681		68.6	60	1.2	0.1	<0.002	0.08	0.18	18.7	<1	<0.2	258	0.05	<0.05	0.21	0.087
F061682		71.6	60	1.0	0.1	<0.002	0.09	0.11	19.3	1	0.2	252	<0.05	<0.05	0.12	0.086
F061683		84.3	70	1.0	0.4	<0.002	0.11	0.10	27.6	1	<0.2	214	<0.05	<0.05	0.17	0.102
F061684		67.7	60	1.1	0.1	<0.002	0.08	0.17	19.8	1	<0.2	242	<0.05	<0.05	0.13	0.085
F061685		68.8	60	1.4	<0.1	<0.002	0.07	0.19	19.2	1	<0.2	267	<0.05	<0.05	0.11	0.086
F061686		44.4	60	1.1	0.1	<0.002	0.04	0.19	11.4	<1	<0.2	302	<0.05	<0.05	0.08	0.066
F061687		70.2	70	0.8	0.2	<0.002	0.12	0.12	20.6	1	<0.2	224	<0.05	<0.05	0.11	0.090
F061688		62.2	60	1.0	0.1	<0.002	0.06	0.21	16.5	1	<0.2	276	<0.05	<0.05	0.09	0.083
F061689		59.0	60	1.7	0.1	<0.002	0.10	0.18	16.8	1	<0.2	277	<0.05	<0.05	0.11	0.078
F061690		53.3	1310	2460	45.0	0.019	1.33	230	22.0	5	2.4	389	1.20	0.33	2.45	0.538



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**CERTIFICATE OF ANALYSIS TB22145362**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl ppm 0.02	U ppm 0.1	V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
F061651		0.04	0.5	196	2.0	15.1	94	91.2
F061652		0.09	0.4	216	1.8	18.3	85	64.7
F061653		0.03	0.1	272	0.2	22.8	92	29.5
F061654		0.03	0.2	255	0.3	21.9	90	43.1
F061655		0.06	1.2	137	0.5	18.6	70	128.0
F061656		0.06	0.9	148	3.1	18.3	67	114.0
F061657		0.10	0.2	188	5.1	16.1	76	42.4
F061658		0.28	0.3	133	5.1	9.2	59	47.1
F061659		0.29	0.1	114	1.7	5.1	61	17.0
F061660		1.52	1.8	99	13.0	10.5	3060	27.4
F061661		0.05	0.1	105	0.3	5.1	52	14.7
F061662		<0.02	0.1	107	0.3	4.7	51	13.0
F061663		<0.02	0.1	103	0.3	4.5	51	12.4
F061664		<0.02	0.1	107	0.3	4.5	57	11.6
F061665		<0.02	0.1	112	0.2	5.0	59	13.2
F061666		<0.02	0.1	103	0.2	4.3	51	11.4
F061667		<0.02	0.1	102	0.3	4.4	50	12.5
F061668		<0.02	0.1	98	0.3	4.3	45	13.3
F061669		<0.02	0.1	100	0.2	4.3	49	13.1
F061670		0.06	0.3	2	0.2	0.3	15	<0.5
F061671		<0.02	0.1	97	0.2	4.1	48	10.8
F061672		0.06	<0.1	80	0.3	3.3	43	8.5
F061673		0.58	<0.1	84	280	3.5	41	9.3
F061674		0.32	0.1	81	1.6	3.2	51	17.0
F061675		0.05	1.5	25	1.2	17.0	35	175.0
F061676		0.03	<0.1	74	0.4	2.6	44	7.3
F061677		0.02	<0.1	74	0.2	2.7	36	7.1
F061678		0.02	<0.1	79	0.1	3.1	37	9.2
F061679		<0.02	0.1	64	0.2	3.0	30	5.8
F061680		<0.02	0.1	65	0.2	3.1	32	5.9
F061681		0.02	0.1	78	0.1	3.2	40	8.0
F061682		<0.02	<0.1	78	0.1	3.1	36	7.5
F061683		<0.02	<0.1	95	0.1	4.1	44	9.7
F061684		<0.02	<0.1	79	0.1	3.0	37	7.6
F061685		<0.02	<0.1	79	0.1	2.8	39	9.1
F061686		<0.02	<0.1	53	0.1	1.9	26	6.1
F061687		0.02	<0.1	80	0.1	3.0	38	8.8
F061688		<0.02	<0.1	73	0.2	2.5	35	7.7
F061689		<0.02	0.1	68	0.2	2.6	34	7.6
F061690		0.44	1.5	206	16.2	14.4	4000	40.2



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**CERTIFICATE OF ANALYSIS TB22145362**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061691		2.55	0.001	<0.005	<0.001	0.10	9.16	2.5	70	0.13	0.01	8.72	0.07	2.56	27.0	26
F061692		4.62	0.001	<0.005	<0.001	0.03	9.52	8.0	40	0.12	0.01	8.78	0.06	2.92	30.2	30
F061693		5.28	0.001	<0.005	<0.001	0.03	9.36	5.1	40	0.12	0.01	9.30	0.05	3.12	29.4	31
F061694		4.96	<0.001	<0.005	<0.001	0.03	10.05	1.4	20	0.13	0.01	9.39	0.07	3.02	29.5	34
F061695		4.88	<0.001	<0.005	<0.001	0.03	10.10	6.0	10	0.11	0.01	9.82	0.07	3.63	30.6	36
F061696		4.94	<0.001	<0.005	<0.001	0.03	9.59	2.9	20	0.11	0.01	9.42	0.12	2.88	31.4	31
F061697		4.85	<0.001	<0.005	<0.001	0.02	9.96	3.4	20	0.12	<0.01	9.41	0.07	2.93	29.4	33
F061698		4.58	<0.001	<0.005	<0.001	0.03	10.00	5.1	20	0.13	0.01	9.32	0.06	3.45	29.8	31
F061699		4.70	<0.001	<0.005	<0.001	0.04	9.36	4.1	20	0.12	0.01	8.92	0.08	2.87	28.9	30
F061700		1.04	<0.001	<0.005	<0.001	0.01	0.07	1.0	190	0.05	0.02	19.40	0.06	0.73	0.8	2
F061701		4.44	0.010	<0.005	<0.001	0.02	8.16	3.7	70	0.12	0.02	8.38	0.04	2.30	26.4	29
F061702		4.45	0.001	<0.005	<0.001	0.02	8.67	2.8	50	0.16	0.02	8.95	0.06	2.59	26.2	29
F061703		4.90	0.003	<0.005	<0.001	0.02	8.10	4.3	60	0.14	0.03	8.93	0.05	2.21	27.4	32
F061704		4.38	0.002	<0.005	0.003	0.12	9.58	1.7	20	0.13	0.07	9.09	0.05	2.39	30.9	29
F061705		4.55	0.004	0.006	0.009	0.33	9.78	0.9	10	0.11	0.14	9.28	0.30	2.47	43.2	39
F061706		2.21	0.002	<0.005	0.003	0.07	8.92	1.0	10	0.08	0.05	8.64	0.13	2.21	35.8	70
F061707		2.20	0.001	<0.005	0.001	0.06	9.72	3.3	30	0.14	0.08	10.70	0.04	2.58	26.7	32
F061708		2.43	0.009	0.005	0.008	0.44	10.30	1.5	30	0.11	0.10	9.63	0.25	2.51	32.6	33
F061709		2.50	0.004	<0.005	0.007	0.40	9.97	3.1	30	0.10	0.14	10.40	0.15	2.40	30.1	32
F061710		<0.02	0.004	<0.005	0.007	0.29	9.94	3.1	20	0.10	0.13	10.05	0.17	2.42	29.5	31
F061711		4.74	0.003	<0.005	0.006	0.26	9.93	3.2	20	0.10	0.08	9.47	0.23	2.69	30.3	31
F061712		4.74	0.001	<0.005	<0.001	0.06	9.92	2.8	30	0.11	0.02	9.25	0.09	2.90	27.5	31
F061713		4.49	<0.001	<0.005	<0.001	0.05	9.39	7.1	50	0.10	0.01	8.95	0.05	2.77	28.6	31
F061714		4.37	<0.001	<0.005	0.001	0.10	9.40	3.7	40	0.12	0.01	7.92	0.11	1.62	33.1	53
F061715		4.84	<0.001	<0.005	<0.001	0.06	10.45	5.3	20	0.13	0.01	9.41	0.08	3.13	35.9	30
F061716		4.47	<0.001	<0.005	<0.001	0.05	9.86	3.5	70	0.18	0.02	8.54	0.07	4.11	25.5	30
F061717		4.70	0.001	<0.005	<0.001	0.03	8.22	1.5	320	0.57	0.03	5.32	0.04	22.8	15.0	29
F061718		4.91	0.002	<0.005	0.001	0.14	5.81	2.2	20	0.11	0.01	7.08	0.25	5.49	58.5	176
F061719		4.84	<0.001	<0.005	<0.001	0.10	5.54	6.3	10	0.12	0.01	6.83	0.13	4.97	55.6	198
F061720		0.11	0.515	<0.005	<0.001	0.30	7.30	4.4	840	1.01	1.06	1.83	0.07	27.1	6.1	14
F061721		3.39	0.001	<0.005	<0.001	0.08	5.41	5.0	<10	0.14	0.01	7.82	0.08	5.93	48.3	170
F061722		2.31	0.002	<0.005	<0.001	0.02	7.37	2.9	250	0.51	0.05	4.52	0.06	20.1	21.4	53
F061723		1.93	0.003	<0.005	<0.001	0.02	6.72	2.4	300	0.88	0.04	2.74	0.31	39.8	6.6	25
F061724		1.14	0.001	<0.005	<0.001	0.02	7.51	10.2	220	0.40	0.06	7.34	0.18	13.40	35.4	82
F061725		2.41	0.153	<0.005	0.005	0.34	6.66	36.8	130	0.20	0.36	5.74	0.04	13.75	60.3	150
F061726		2.36	0.007	<0.005	0.003	0.10	8.28	4.4	60	0.26	0.08	6.93	0.05	10.20	40.6	126
F061727		2.26	0.005	0.005	0.005	0.09	7.93	9.6	120	0.25	0.07	6.34	0.04	11.05	41.4	173
F061728		2.41	0.027	<0.005	<0.001	0.06	7.45	11.4	140	0.34	0.20	6.80	0.02	14.80	37.0	102
F061729		0.96	0.017	<0.005	<0.001	0.02	7.41	10.4	230	0.22	0.07	7.82	0.02	3.23	31.5	65
F061730		1.36	<0.001	<0.005	<0.001	0.01	0.05	0.9	140	0.06	0.02	19.35	0.05	0.61	0.6	2



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**CERTIFICATE OF ANALYSIS TB22145362**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061691		0.45	32.3	3.22	14.95	0.05	0.2	0.016	0.17	1.1	14.5	2.68	640	0.10	1.12	0.4
F061692		0.45	36.2	3.34	16.40	0.06	0.2	0.017	0.16	1.3	19.2	2.75	630	0.10	1.18	0.4
F061693		0.27	31.7	3.50	17.15	0.06	0.2	0.016	0.14	1.4	13.2	2.75	766	0.11	0.98	0.4
F061694		0.16	40.4	3.51	16.75	0.06	0.2	0.018	0.02	1.3	9.8	2.87	736	0.10	1.16	0.4
F061695		0.10	36.1	3.76	17.45	0.06	0.3	0.019	0.01	1.6	11.0	3.10	825	0.11	0.91	0.5
F061696		0.14	37.9	3.57	16.05	0.05	0.2	0.017	0.01	1.3	10.4	2.89	779	0.08	1.07	0.4
F061697		0.21	30.1	3.66	16.65	0.06	0.2	0.016	0.01	1.3	8.9	2.96	800	0.12	1.16	0.4
F061698		0.24	35.9	3.64	16.70	0.07	0.3	0.018	0.01	1.5	10.9	2.98	759	0.10	1.16	0.5
F061699		0.19	39.6	3.44	16.00	0.07	0.2	0.017	0.01	1.3	15.1	2.87	708	0.09	0.98	0.4
F061700		0.53	2.5	0.10	0.31	0.19	<0.1	<0.005	0.02	<0.5	10.3	13.20	447	0.31	0.02	0.1
F061701		0.44	27.2	3.23	14.95	0.06	0.2	0.015	0.50	1.0	32.9	2.57	638	0.09	1.19	0.4
F061702		0.44	25.9	3.19	16.35	0.06	0.2	0.018	0.51	1.1	23.2	2.56	694	0.08	0.91	0.4
F061703		0.40	29.2	3.27	15.65	<0.05	0.2	0.019	0.52	0.9	19.3	2.66	682	0.09	0.86	0.4
F061704		0.25	226	3.42	15.95	<0.05	0.2	0.015	0.02	1.0	13.3	2.69	653	0.08	1.11	0.3
F061705		0.13	579	4.14	16.15	<0.05	0.2	0.022	0.01	1.1	13.4	3.25	830	0.07	1.04	0.3
F061706		0.07	138.5	4.45	13.90	<0.05	0.2	0.022	<0.01	0.9	14.8	4.00	907	0.05	0.81	0.2
F061707		0.19	112.5	3.10	14.20	<0.05	0.1	0.017	0.08	1.2	13.9	2.57	625	0.05	1.71	0.2
F061708		0.18	663	3.52	16.95	<0.05	0.2	0.019	0.04	1.1	13.8	2.68	637	0.07	1.15	0.3
F061709		0.13	480	3.24	14.50	0.06	0.2	0.017	0.02	1.1	11.2	2.41	701	0.08	0.90	0.3
F061710		0.11	457	3.21	14.35	0.07	0.2	0.016	0.02	1.1	11.1	2.40	702	0.08	0.92	0.2
F061711		0.19	388	3.27	16.40	0.06	0.2	0.017	0.01	1.2	12.3	2.42	670	0.09	0.98	0.3
F061712		0.27	74.1	3.15	16.65	0.06	0.2	0.016	0.04	1.3	14.5	2.58	651	0.09	1.24	0.4
F061713		0.31	47.0	3.26	15.95	0.06	0.2	0.015	0.08	1.2	12.9	2.69	694	0.08	0.89	0.4
F061714		0.23	102.0	3.71	17.65	0.05	0.1	0.013	0.03	0.7	17.3	3.26	717	0.07	1.30	0.3
F061715		0.26	89.6	3.54	17.10	0.06	0.2	0.017	0.02	1.4	16.0	2.79	721	0.15	1.29	0.4
F061716		0.82	42.8	3.09	16.90	0.08	0.4	0.016	0.15	1.9	19.7	2.57	603	0.38	1.58	0.8
F061717		0.94	25.1	2.64	18.30	0.07	2.6	0.017	0.57	10.4	14.9	1.46	443	0.20	2.50	6.4
F061718		0.68	56.6	7.32	9.45	<0.05	0.4	0.034	0.06	2.2	17.8	7.58	1525	0.09	0.67	0.5
F061719		0.43	48.8	7.28	9.09	<0.05	0.4	0.032	0.03	1.9	14.8	7.50	1550	0.09	0.78	0.5
F061720		0.50	45.4	2.22	14.35	0.06	2.0	0.031	1.74	13.6	3.4	0.50	652	2.33	3.28	6.5
F061721		0.18	62.5	6.33	8.13	<0.05	0.4	0.026	0.01	2.5	21.7	6.31	1340	0.44	0.10	0.3
F061722		1.10	63.5	3.13	13.85	0.05	2.6	0.020	1.46	8.6	24.5	2.30	444	0.25	1.64	4.7
F061723		1.40	14.7	1.66	14.55	0.09	3.8	0.013	1.58	17.9	8.0	0.66	253	0.52	2.13	8.5
F061724		1.12	31.3	4.71	11.80	<0.05	0.8	0.023	1.48	7.0	35.4	3.83	848	0.23	0.30	1.3
F061725		0.59	349	11.20	10.30	<0.05	1.0	0.031	0.70	6.0	34.9	3.69	794	0.60	0.27	1.2
F061726		0.78	140.0	5.29	13.75	<0.05	0.6	0.030	0.34	4.1	38.6	3.85	1025	0.17	1.25	1.2
F061727		0.75	142.0	5.34	12.15	<0.05	0.8	0.027	0.64	4.4	43.4	4.43	899	0.26	0.84	1.3
F061728		0.91	80.1	5.67	13.00	<0.05	1.2	0.029	1.20	6.2	31.8	3.11	823	0.25	0.65	1.8
F061729		1.24	79.6	5.05	13.25	<0.05	0.3	0.028	2.14	1.4	31.9	2.87	771	0.10	0.15	0.3
F061730		0.54	1.5	0.07	0.18	0.16	<0.1	<0.005	0.02	<0.5	10.9	12.55	363	0.06	0.02	0.1

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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22145362**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.01	0.005	
F061691		57.8	60	3.9	0.9	<0.002	0.09	0.42	17.2	1	<0.2	242	<0.05	<0.05	0.09	0.076
F061692		58.8	60	1.7	0.8	<0.002	0.07	0.26	17.8	1	<0.2	258	<0.05	<0.05	0.10	0.082
F061693		60.4	60	1.6	0.6	<0.002	0.07	0.24	19.4	<1	<0.2	260	<0.05	<0.05	0.10	0.084
F061694		63.5	60	1.2	<0.1	<0.002	0.10	0.24	17.2	1	<0.2	281	<0.05	<0.05	0.10	0.086
F061695		68.0	70	1.5	<0.1	<0.002	0.04	0.30	21.9	<1	0.2	258	<0.05	<0.05	0.13	0.096
F061696		63.6	60	1.6	<0.1	<0.002	0.09	0.19	17.5	<1	<0.2	257	<0.05	<0.05	0.10	0.084
F061697		60.6	60	1.6	<0.1	<0.002	0.04	0.27	18.0	<1	<0.2	284	<0.05	<0.05	0.10	0.085
F061698		61.6	70	1.2	<0.1	<0.002	0.08	0.29	20.6	1	<0.2	268	<0.05	<0.05	0.12	0.089
F061699		59.1	60	1.4	<0.1	<0.002	0.07	0.30	18.4	1	<0.2	258	<0.05	<0.05	0.10	0.082
F061700		1.3	40	4.0	1.1	<0.002	0.01	0.21	0.2	<1	<0.2	155.5	<0.05	<0.05	0.06	0.006
F061701		55.6	60	1.3	3.2	<0.002	0.05	0.22	15.4	<1	<0.2	243	<0.05	<0.05	0.08	0.079
F061702		56.3	60	1.0	3.2	<0.002	0.06	0.25	16.4	1	0.2	231	<0.05	<0.05	0.10	0.078
F061703		58.4	60	0.9	2.9	<0.002	0.05	0.16	15.6	<1	<0.2	213	<0.05	<0.05	0.07	0.079
F061704		150.0	50	1.1	<0.1	<0.002	0.16	0.31	16.1	1	<0.2	277	<0.05	<0.05	0.08	0.076
F061705		366	40	1.4	<0.1	<0.002	0.34	0.25	20.9	1	<0.2	261	<0.05	0.08	0.06	0.081
F061706		141.5	30	0.9	<0.1	<0.002	0.12	0.18	24.2	<1	0.2	199.5	<0.05	<0.05	0.04	0.086
F061707		103.0	50	0.8	0.6	<0.002	0.08	0.21	18.1	1	<0.2	239	<0.05	0.07	0.05	0.066
F061708		266	40	1.6	0.2	<0.002	0.24	0.32	19.0	1	<0.2	273	<0.05	0.05	0.07	0.073
F061709		256	40	1.8	0.1	<0.002	0.20	0.40	17.6	1	<0.2	250	<0.05	0.11	0.07	0.066
F061710		255	40	1.6	0.1	<0.002	0.20	0.38	17.8	1	<0.2	242	<0.05	0.06	0.07	0.065
F061711		212	50	1.2	<0.1	<0.002	0.20	0.18	16.6	1	<0.2	271	<0.05	0.05	0.08	0.072
F061712		68.2	60	1.4	0.1	<0.002	0.11	0.22	17.6	1	<0.2	278	<0.05	<0.05	0.10	0.079
F061713		60.9	60	1.0	0.4	<0.002	0.10	0.15	16.4	<1	<0.2	251	<0.05	<0.05	0.09	0.077
F061714		97.9	50	1.2	0.1	<0.002	0.09	0.19	10.8	1	<0.2	283	<0.05	<0.05	0.05	0.058
F061715		99.6	70	1.6	0.1	0.002	0.13	0.28	17.3	1	<0.2	309	<0.05	<0.05	0.11	0.083
F061716		61.2	70	1.9	1.0	<0.002	0.06	0.20	16.8	1	0.2	276	0.10	<0.05	0.38	0.080
F061717		33.5	260	3.0	9.9	<0.002	0.09	0.29	9.3	<1	0.8	240	0.62	<0.05	2.49	0.148
F061718		144.5	70	2.2	2.0	<0.002	0.13	0.21	46.3	<1	0.2	113.0	<0.05	<0.05	0.24	0.139
F061719		143.5	80	2.1	0.8	<0.002	0.11	0.23	43.6	1	<0.2	109.0	<0.05	<0.05	0.22	0.141
F061720		9.5	480	9.1	36.8	<0.002	0.04	0.74	7.3	<1	1.0	205	0.42	0.29	2.80	0.206
F061721		141.0	70	3.2	0.5	0.002	0.10	0.32	38.6	<1	<0.2	51.5	<0.05	<0.05	0.18	0.117
F061722		54.2	210	1.6	36.6	<0.002	0.10	0.14	13.2	<1	0.8	94.9	0.57	<0.05	3.09	0.123
F061723		15.8	280	2.9	68.4	<0.002	0.11	0.14	4.6	<1	1.4	69.4	1.32	<0.05	7.53	0.137
F061724		97.1	100	1.5	59.9	0.002	0.05	0.12	28.0	<1	0.5	49.7	0.19	<0.05	1.19	0.111
F061725		168.5	230	1.5	28.7	0.003	5.64	0.24	21.7	1	0.3	45.7	0.10	0.07	0.71	0.141
F061726		110.0	200	1.8	5.3	<0.002	0.31	0.50	24.4	1	0.2	235	0.10	<0.05	0.43	0.194
F061727		174.0	240	1.0	16.8	0.002	0.23	0.19	26.1	1	0.3	129.0	0.11	<0.05	0.58	0.184
F061728		81.1	350	0.8	44.4	<0.002	0.69	0.15	21.6	<1	0.3	77.3	0.17	0.05	1.09	0.289
F061729		64.6	60	0.7	38.6	<0.002	0.32	0.12	22.7	1	0.2	70.1	<0.05	<0.05	0.14	0.155
F061730		0.8	30	1.2	1.0	<0.002	<0.01	0.09	0.1	1	0.2	144.5	<0.05	<0.05	0.05	<0.005



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**CERTIFICATE OF ANALYSIS TB22145362**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061691		0.04	<0.1	67	0.2	2.5	39	7.8
F061692		0.04	<0.1	71	0.3	2.7	34	8.2
F061693		0.04	<0.1	75	0.2	3.0	34	8.2
F061694		<0.02	<0.1	74	0.1	2.7	36	9.1
F061695		<0.02	<0.1	82	0.2	3.4	39	12.9
F061696		<0.02	<0.1	75	0.1	2.8	40	8.6
F061697		<0.02	<0.1	75	0.2	2.8	37	8.8
F061698		<0.02	<0.1	76	0.2	3.2	35	10.1
F061699		<0.02	<0.1	72	0.2	2.7	36	7.9
F061700		0.07	0.5	4	0.3	0.5	13	0.6
F061701		0.10	<0.1	69	0.5	2.3	33	6.2
F061702		0.11	<0.1	67	0.3	2.5	31	9.5
F061703		0.10	<0.1	73	0.5	2.4	32	7.9
F061704		<0.02	<0.1	69	0.2	2.4	30	6.7
F061705		0.02	<0.1	81	0.2	2.8	42	5.6
F061706		<0.02	<0.1	94	0.2	3.0	43	4.7
F061707		0.02	<0.1	62	37.2	2.6	28	4.3
F061708		0.03	<0.1	70	0.3	2.5	36	5.2
F061709		0.02	<0.1	63	0.2	2.4	27	5.5
F061710		0.02	<0.1	64	0.2	2.4	28	5.3
F061711		0.02	<0.1	65	0.2	2.4	31	6.4
F061712		<0.02	<0.1	69	0.2	2.6	32	7.6
F061713		0.03	<0.1	68	0.1	2.4	33	7.1
F061714		0.02	<0.1	52	0.1	1.2	40	3.2
F061715		<0.02	0.1	69	0.2	2.6	35	7.0
F061716		0.04	0.2	64	0.2	3.1	33	15.3
F061717		0.13	0.7	46	0.4	7.9	25	105.5
F061718		<0.02	0.1	146	0.1	6.6	79	15.1
F061719		<0.02	0.1	143	0.1	6.2	74	14.1
F061720		0.16	1.2	37	20.0	18.3	46	65.4
F061721		<0.02	0.1	128	0.3	5.6	66	13.2
F061722		0.33	0.8	54	0.8	5.8	35	101.0
F061723		0.39	2.4	26	1.4	8.7	18	138.0
F061724		0.32	0.9	100	1.1	4.2	61	28.9
F061725		0.15	0.2	104	1.0	4.3	54	41.0
F061726		0.07	0.1	127	2.0	5.9	81	23.9
F061727		0.14	0.2	120	1.0	6.3	53	32.4
F061728		0.24	0.3	161	6.3	20.1	53	43.2
F061729		0.44	<0.1	179	3.9	2.0	49	10.2
F061730		0.07	0.3	2	0.2	0.3	14	0.8



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061731		1.04	0.033	<0.005	<0.001	0.18	6.79	21.1	130	0.24	0.41	7.78	0.02	5.96	40.3	96
F061732		2.05	0.025	<0.005	0.001	0.10	7.02	18.2	140	0.31	0.22	8.10	0.02	22.2	45.7	188
F061733		2.39	0.005	<0.005	<0.001	0.07	7.73	12.8	210	0.32	0.13	7.36	<0.02	13.55	33.0	143
F061734		2.34	0.099	<0.005	<0.001	0.25	7.00	18.4	170	0.39	0.47	7.00	0.06	26.0	36.2	83
F061735		2.22	0.240	<0.005	0.002	0.46	7.21	22.8	210	0.45	0.64	6.21	0.06	16.10	41.4	93
F061736		2.43	0.005	<0.005	0.002	0.02	7.53	3.5	170	0.43	0.08	6.01	0.06	15.00	42.1	111
F061737		2.39	0.016	<0.005	<0.001	0.15	7.46	8.9	170	0.43	0.36	6.03	0.04	19.70	39.0	38
F061738		2.25	0.048	<0.005	<0.001	0.24	6.70	11.4	240	0.50	0.39	5.00	0.07	28.5	30.0	47
F061739		2.50	0.062	<0.005	<0.001	0.31	7.34	10.8	330	0.77	0.33	2.70	0.07	43.8	12.5	4
F061740		<0.02	0.054	<0.005	<0.001	0.37	7.30	10.5	320	0.81	0.34	2.83	0.09	43.8	13.3	5
F061741		2.09	0.020	<0.005	<0.001	0.26	6.69	11.8	320	0.68	0.32	1.19	0.09	55.7	8.6	10
F061742		2.21	0.260	<0.005	<0.001	0.25	7.07	11.8	290	0.73	0.11	1.04	0.06	64.8	4.4	10
F061743		1.89	0.122	<0.005	<0.001	0.40	7.04	9.3	360	0.86	0.16	0.88	0.06	66.3	5.1	8
F061744		2.35	0.009	<0.005	<0.001	0.07	7.03	2.1	330	1.14	0.04	1.58	0.07	63.6	2.7	9
F061745		2.30	0.003	<0.005	<0.001	0.03	6.90	2.1	400	1.23	0.03	1.55	0.09	57.9	3.0	10
F061746		2.30	4.45	<0.005	<0.001	0.07	6.99	4.3	440	1.22	0.10	1.64	0.08	62.4	3.4	8
F061747		4.35	0.008	<0.005	<0.001	0.07	7.20	3.6	460	1.31	0.08	1.70	0.09	58.5	3.4	11
F061748		4.57	0.003	<0.005	<0.001	0.05	7.11	5.8	450	1.20	0.08	1.55	0.08	60.7	3.1	10
F061749		4.60	<0.001	<0.005	<0.001	0.05	7.05	2.4	450	1.09	0.04	1.73	0.09	51.9	3.3	11
F061750		0.11	1.150	<0.005	0.003	72.0	6.83	49.1	300	1.08	2.35	1.94	16.10	29.5	20.5	131
F061751		4.60	0.002	<0.005	<0.001	0.07	6.94	3.7	460	0.97	0.06	1.68	0.08	51.2	3.0	12
F061752		4.55	<0.001	<0.005	<0.001	0.03	7.12	2.6	420	0.97	0.02	1.73	0.09	53.7	3.3	9
F061753		2.59	0.001	<0.005	<0.001	0.06	7.11	4.8	400	1.00	0.04	1.70	0.11	55.8	3.6	10
F061754		1.95	0.001	<0.005	0.001	0.04	7.38	2.8	310	0.52	0.12	6.60	0.05	17.95	31.2	111
F061755		2.65	0.002	<0.005	0.004	0.05	8.11	3.7	220	0.47	0.15	6.44	0.07	19.15	34.1	300
F061756		4.87	0.001	0.007	0.010	0.04	8.61	1.8	40	0.09	0.02	7.60	0.06	3.43	45.6	497
F061757		4.90	0.001	0.005	0.006	0.05	8.05	2.3	40	0.08	0.03	7.58	0.06	2.50	53.5	257
F061758		5.20	0.001	<0.005	0.005	0.05	8.30	2.8	50	0.11	0.03	7.57	0.05	3.28	52.8	316
F061759		5.07	0.001	<0.005	0.004	0.05	9.13	2.2	60	0.13	0.03	7.99	0.05	4.14	42.0	235
F061760		1.51	<0.001	<0.005	<0.001	0.01	0.10	0.4	190	0.05	0.02	22.6	0.13	0.79	0.7	2
F061761		5.11	0.001	<0.005	0.003	0.05	8.85	1.1	60	0.14	0.05	8.40	0.07	5.63	41.3	238
F061762		4.85	0.001	<0.005	0.003	0.05	8.81	0.8	70	0.14	0.06	7.71	0.06	6.58	41.6	181
F061763		4.94	<0.001	<0.005	0.003	0.03	8.95	0.6	40	0.11	0.03	7.81	0.05	4.08	48.0	150
F061764		4.48	0.003	<0.005	0.003	0.03	8.73	1.2	50	0.10	0.04	7.53	0.04	3.31	45.6	128
F061765		5.21	0.001	0.006	0.008	0.03	8.30	1.1	40	0.14	0.06	7.59	0.05	4.39	49.3	245
F061766		4.88	0.001	<0.005	0.006	0.03	8.86	1.3	50	0.11	0.06	7.74	0.04	4.40	48.4	210
F061767		4.89	0.001	<0.005	0.003	0.08	8.80	1.3	50	0.12	0.07	8.02	0.07	5.03	46.2	197
F061768		4.85	0.001	0.005	0.006	0.04	8.27	1.8	60	0.14	0.10	7.83	0.05	5.28	43.0	342
F061769		5.04	0.002	0.012	0.015	0.03	8.97	3.2	60	0.13	0.12	9.02	0.05	6.50	39.1	630
F061770		<0.02	0.002	0.011	0.013	0.03	8.72	2.4	60	0.13	0.11	8.63	0.05	5.88	37.1	563

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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061731		0.89	102.0	6.85	12.30	<0.05	0.5	0.029	1.27	2.7	31.2	2.85	845	0.28	0.12	0.7
F061732		1.00	34.2	6.91	13.80	<0.05	1.0	0.037	1.34	11.0	32.1	3.52	986	0.21	0.10	1.1
F061733		1.26	36.2	4.64	14.95	<0.05	1.2	0.035	2.08	6.2	31.5	2.59	664	0.26	0.27	1.6
F061734		1.06	64.6	7.17	14.15	<0.05	1.2	0.044	1.57	11.1	21.8	2.51	988	0.48	0.26	1.9
F061735		1.45	23.5	7.87	13.55	<0.05	1.1	0.040	1.99	6.2	19.8	3.11	905	0.50	0.32	1.6
F061736		1.29	45.1	7.69	13.40	<0.05	0.4	0.046	1.51	5.9	28.0	3.75	1195	0.58	0.44	0.9
F061737		1.01	48.0	9.58	16.75	<0.05	0.7	0.056	1.25	7.7	28.8	2.43	1075	0.65	0.65	1.6
F061738		1.43	44.0	6.72	14.65	<0.05	1.9	0.044	1.87	12.5	17.0	1.94	1045	0.44	0.52	2.7
F061739		2.06	41.5	4.08	16.35	0.06	4.0	0.038	2.76	20.0	8.3	0.84	509	0.44	0.54	5.5
F061740		2.12	45.7	4.03	16.90	0.07	4.1	0.041	2.73	20.3	9.0	0.87	545	0.51	0.58	5.8
F061741		1.76	22.8	2.09	15.35	0.06	4.3	0.020	2.36	26.3	3.5	0.50	291	0.65	1.28	8.5
F061742		1.33	66.0	1.32	14.80	0.08	4.9	0.008	1.91	31.2	2.3	0.24	192	0.16	2.65	11.6
F061743		1.54	46.1	1.26	16.15	0.07	4.9	0.009	2.16	31.8	1.9	0.27	188	0.20	2.34	10.9
F061744		1.12	20.2	1.35	15.70	0.06	4.6	0.006	1.71	30.1	2.2	0.22	210	0.09	2.93	11.0
F061745		1.15	12.9	1.38	14.90	0.05	4.3	0.005	1.39	28.3	3.3	0.22	223	0.25	3.13	10.0
F061746		1.35	17.2	1.42	15.55	0.05	4.3	0.009	1.74	30.9	3.3	0.24	265	1.09	2.94	9.8
F061747		1.65	12.4	1.33	15.90	0.05	4.2	0.013	1.86	29.1	3.9	0.25	254	0.38	2.97	9.3
F061748		1.88	17.4	1.27	15.80	0.06	3.9	0.017	1.91	31.4	5.8	0.24	235	0.38	2.99	9.3
F061749		1.76	11.2	1.37	15.65	0.05	3.8	0.012	1.93	26.1	5.9	0.27	267	0.31	2.86	8.8
F061750		2.08	7310	5.07	15.65	0.06	0.8	0.185	2.32	12.9	12.0	1.95	730	271	1.67	7.9
F061751		1.50	19.5	1.27	15.05	0.05	3.8	0.013	1.91	25.0	5.4	0.24	210	0.49	2.74	8.1
F061752		1.41	8.4	1.27	15.15	0.05	3.9	0.011	1.78	26.1	4.3	0.26	202	0.62	2.94	8.6
F061753		1.26	12.6	1.33	15.10	0.05	3.8	0.012	1.66	27.4	5.3	0.28	175	0.37	3.00	8.0
F061754		1.55	47.4	5.17	12.95	<0.05	0.9	0.033	1.53	9.3	23.6	3.32	830	0.35	1.09	1.6
F061755		1.24	37.5	4.94	12.70	<0.05	1.4	0.026	0.81	7.8	20.9	4.15	842	0.12	1.34	2.5
F061756		1.09	56.2	5.50	10.60	<0.05	0.2	0.018	0.17	1.4	18.2	5.96	996	0.06	0.91	0.4
F061757		0.62	52.5	5.82	9.88	0.08	0.1	0.015	0.17	1.0	16.0	5.55	983	<0.05	0.63	0.3
F061758		0.58	47.2	6.08	10.20	0.06	0.2	0.015	0.24	1.4	17.2	5.98	1010	0.08	0.77	0.4
F061759		0.71	60.4	5.28	11.45	0.08	0.3	0.019	0.23	1.7	13.3	5.06	924	0.06	1.02	0.5
F061760		0.31	1.5	0.11	0.32	0.12	<0.1	<0.005	0.02	0.6	7.6	10.05	309	0.06	0.05	0.1
F061761		1.07	70.3	5.38	11.60	0.05	0.4	0.026	0.23	2.3	11.2	5.46	1015	0.10	1.06	1.0
F061762		0.91	55.8	5.47	11.20	0.06	0.4	0.026	0.31	2.8	11.2	5.11	988	2.96	1.12	1.6
F061763		1.34	56.7	5.76	11.10	0.06	0.2	0.015	0.22	1.7	11.0	5.30	932	0.08	0.83	0.9
F061764		1.17	47.8	5.49	11.35	0.08	0.2	0.015	0.20	1.4	14.1	5.00	956	0.07	0.92	0.5
F061765		1.29	43.7	5.83	10.50	0.06	0.2	0.017	0.15	1.9	15.2	5.51	1000	0.13	0.86	0.6
F061766		1.17	69.5	5.85	11.35	0.07	0.3	0.019	0.18	1.9	14.4	5.54	1005	0.10	1.01	0.9
F061767		0.57	73.2	5.60	11.65	0.06	0.3	0.020	0.16	2.0	10.6	4.98	941	0.15	0.96	1.1
F061768		0.55	44.0	5.76	10.65	0.05	0.3	0.021	0.21	2.2	10.6	5.30	1000	0.07	0.96	0.8
F061769		0.87	32.7	5.41	11.00	<0.05	0.4	0.028	0.26	2.7	13.4	5.47	1015	0.07	1.07	0.8
F061770		0.81	30.7	5.23	10.75	0.05	0.3	0.029	0.23	2.5	13.0	5.30	993	0.07	1.03	0.7





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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061731		71.8	100	1.2	44.8	0.002	1.81	0.16	22.9	1	0.2	43.7	0.07	0.13	0.28	0.351
F061732		119.5	200	1.1	49.6	0.002	1.13	0.25	28.2	1	0.5	49.9	0.10	0.06	0.62	0.423
F061733		95.9	270	0.7	39.5	<0.002	0.44	0.14	20.4	<1	0.4	67.1	0.15	<0.05	0.80	0.210
F061734		56.4	660	1.2	56.6	<0.002	1.88	0.15	25.0	1	0.5	79.0	0.16	0.15	0.89	0.414
F061735		124.5	650	1.4	78.3	<0.002	3.14	0.14	25.5	1	0.4	91.1	0.17	0.27	1.04	0.274
F061736		128.0	690	0.9	62.4	<0.002	0.21	0.16	30.1	1	0.2	80.3	0.08	<0.05	0.21	0.259
F061737		29.9	1180	0.9	49.2	0.002	1.62	0.19	29.5	<1	0.4	72.9	0.13	0.10	0.44	0.447
F061738		29.3	770	1.3	72.2	<0.002	1.72	0.17	20.2	1	0.5	68.4	0.30	0.16	2.02	0.318
F061739		5.5	620	1.7	105.0	<0.002	1.93	0.16	11.8	1	0.8	58.0	0.54	0.22	4.25	0.246
F061740		6.0	630	1.8	103.0	<0.002	1.80	0.16	12.9	1	0.9	62.5	0.58	0.25	4.26	0.249
F061741		6.9	250	3.7	91.0	<0.002	0.94	0.15	4.7	<1	0.8	47.1	1.38	0.15	11.25	0.121
F061742		3.0	210	3.3	76.2	<0.002	0.45	0.15	3.0	1	0.7	51.4	1.90	<0.05	11.90	0.116
F061743		2.9	210	3.6	89.7	<0.002	0.33	0.16	3.0	<1	0.7	51.4	1.76	<0.05	13.15	0.112
F061744		2.4	220	4.2	71.1	<0.002	0.12	0.13	3.0	<1	0.9	111.5	1.62	<0.05	13.65	0.121
F061745		2.7	200	6.7	64.5	<0.002	0.09	0.11	2.8	<1	1.1	132.0	1.55	<0.05	13.65	0.115
F061746		2.9	200	7.0	83.0	<0.002	0.22	0.13	2.9	<1	1.4	116.5	1.58	<0.05	14.60	0.113
F061747		4.2	210	7.1	94.0	<0.002	0.13	0.15	3.1	<1	1.3	130.5	1.48	<0.05	14.40	0.109
F061748		4.1	210	8.8	99.3	<0.002	0.15	0.16	3.1	<1	1.5	118.5	1.32	<0.05	14.50	0.104
F061749		5.3	230	5.1	92.8	<0.002	0.06	0.14	3.0	<1	1.5	118.5	1.04	<0.05	11.85	0.113
F061750		139.5	660	1485	77.9	0.110	2.49	132.0	8.4	6	4.7	379	0.52	0.41	4.64	0.237
F061751		4.4	210	4.7	82.3	<0.002	0.13	0.23	2.8	<1	1.5	110.0	1.05	<0.05	12.50	0.107
F061752		4.0	220	4.3	72.5	<0.002	0.03	0.14	2.8	<1	1.5	123.5	1.11	<0.05	12.80	0.119
F061753		3.8	200	3.8	66.3	<0.002	0.10	0.17	2.8	<1	1.3	119.0	1.11	<0.05	14.05	0.110
F061754		76.2	330	1.4	62.0	<0.002	0.10	0.22	27.7	<1	0.6	132.5	0.16	<0.05	1.67	0.186
F061755		139.5	460	2.6	14.2	<0.002	0.14	0.29	19.0	<1	0.6	267	0.24	<0.05	2.07	0.175
F061756		205	120	1.2	3.3	<0.002	0.03	0.21	18.0	<1	<0.2	237	<0.05	<0.05	0.12	0.113
F061757		238	110	1.4	3.3	<0.002	0.04	0.13	12.4	<1	<0.2	241	<0.05	<0.05	0.07	0.091
F061758		239	130	1.0	5.1	<0.002	0.04	0.14	16.3	<1	<0.2	213	<0.05	<0.05	0.08	0.103
F061759		162.0	130	1.0	5.1	<0.002	0.05	0.08	22.0	<1	<0.2	235	<0.05	<0.05	0.15	0.141
F061760		1.5	50	2.2	0.6	<0.002	<0.01	0.10	0.2	<1	<0.2	133.0	<0.05	<0.05	0.06	0.015
F061761		160.0	240	1.0	6.3	<0.002	0.06	0.11	29.3	<1	0.2	219	0.07	<0.05	0.21	0.223
F061762		162.5	340	1.1	7.4	<0.002	0.08	0.11	21.7	<1	0.4	225	0.12	<0.05	0.42	0.250
F061763		195.5	220	0.9	6.8	<0.002	0.05	0.05	13.1	<1	<0.2	224	0.06	<0.05	0.17	0.157
F061764		176.0	150	0.7	4.7	<0.002	0.04	0.06	12.2	<1	<0.2	234	<0.05	<0.05	0.09	0.132
F061765		196.5	160	1.0	4.1	<0.002	0.05	0.09	15.2	<1	<0.2	226	0.05	<0.05	0.15	0.119
F061766		183.0	160	0.9	4.7	<0.002	0.05	0.10	15.4	<1	<0.2	228	0.06	<0.05	0.22	0.141
F061767		163.5	250	1.3	3.4	0.002	0.06	0.13	15.9	1	<0.2	247	0.08	<0.05	0.25	0.157
F061768		157.0	170	1.1	4.3	<0.002	0.07	0.16	21.1	1	0.2	221	0.07	<0.05	0.26	0.153
F061769		138.5	220	1.4	7.1	<0.002	0.05	0.26	32.2	1	0.4	228	0.06	<0.05	0.33	0.152
F061770		136.0	180	1.3	6.8	<0.002	0.04	0.27	30.0	<1	0.4	224	0.05	<0.05	0.36	0.138



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061731		0.22	0.3	240	17.4	3.8	47	15.8
F061732		0.23	0.3	345	14.0	8.2	61	37.2
F061733		0.37	0.3	140	6.1	6.3	56	43.7
F061734		0.28	0.3	218	23.3	6.8	48	46.8
F061735		0.39	0.3	165	20.6	5.1	45	43.4
F061736		0.31	0.1	178	4.9	5.0	76	17.3
F061737		0.23	0.3	240	13.1	5.9	83	28.4
F061738		0.31	0.6	150	16.4	7.4	50	70.5
F061739		0.45	1.3	66	15.0	10.7	24	158.5
F061740		0.49	1.4	66	15.0	10.9	24	167.0
F061741		0.39	4.0	30	6.8	8.9	12	151.5
F061742		0.33	4.4	12	5.2	11.0	9	170.0
F061743		0.39	4.8	11	7.3	10.4	8	168.5
F061744		0.32	4.9	12	3.5	11.1	11	170.5
F061745		0.29	4.9	11	1.8	10.6	17	158.5
F061746		0.35	6.1	11	2.6	10.7	12	160.0
F061747		0.40	6.1	13	2.4	10.2	16	156.0
F061748		0.43	6.1	12	2.0	10.3	19	148.5
F061749		0.43	3.4	14	2.3	8.8	23	150.5
F061750		1.40	1.9	100	14.8	10.6	3110	28.8
F061751		0.38	3.1	13	2.3	7.9	14	146.0
F061752		0.33	3.7	14	2.7	8.4	16	156.5
F061753		0.29	4.0	14	2.7	9.2	19	145.5
F061754		0.26	0.7	138	1.2	6.9	70	36.0
F061755		0.16	0.8	89	0.9	6.8	54	53.9
F061756		0.03	<0.1	86	0.1	3.3	56	8.2
F061757		0.04	<0.1	62	<0.1	2.2	58	5.0
F061758		0.04	<0.1	73	0.1	2.7	60	5.5
F061759		0.06	0.1	95	0.1	3.5	51	9.6
F061760		0.05	0.2	3	0.1	0.9	41	1.7
F061761		0.06	0.1	139	0.2	5.4	51	12.4
F061762		0.08	0.1	117	0.5	4.9	51	15.1
F061763		0.09	0.1	77	0.1	3.2	57	7.3
F061764		0.07	<0.1	71	0.1	2.5	57	5.8
F061765		0.04	0.1	72	0.2	3.3	62	7.7
F061766		0.05	0.1	75	0.2	3.3	61	12.0
F061767		0.04	0.1	82	0.2	4.0	57	12.4
F061768		0.05	0.1	94	0.3	4.6	56	13.5
F061769		0.06	0.1	111	0.6	5.7	52	14.0
F061770		0.06	0.1	105	0.6	5.2	50	11.7



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
F061771		4.69	0.001	0.011	0.014	0.04	8.99	4.2	110	0.18	0.09	8.38	0.07	6.04	37.0	455
F061772		3.85	0.001	0.013	0.017	0.08	8.39	3.2	90	0.16	0.09	8.49	0.09	6.30	40.2	545
F061773		1.04	0.002	0.008	0.010	0.19	6.20	5.3	80	0.18	0.10	6.61	0.07	12.05	27.0	416
F061774		4.93	0.003	0.014	0.021	0.07	8.10	2.1	40	0.13	0.05	9.18	0.10	4.70	39.2	570
F061775		4.82	0.008	0.025	0.022	0.08	7.95	1.2	30	0.12	0.04	9.49	0.11	5.91	40.0	546
F061776		4.83	0.009	0.037	0.019	0.08	7.61	1.9	30	0.15	0.05	9.02	0.09	6.54	40.6	479
F061777		2.57	0.010	0.034	0.014	0.07	7.25	1.6	30	0.12	0.05	8.88	0.11	5.27	41.0	458
F061778		2.61	0.009	0.018	0.006	0.07	7.75	1.0	30	0.13	0.04	9.31	0.12	5.89	39.1	463
F061779		5.04	0.012	0.028	0.010	0.13	6.98	1.9	40	0.13	0.06	8.78	0.07	4.82	42.1	442
F061780		0.11	1.155	<0.005	0.005	70.8	6.72	50.8	290	1.11	2.48	2.01	17.60	28.4	22.6	135
F061781		4.96	0.009	0.008	0.002	0.09	7.39	0.9	40	0.13	0.06	8.89	0.11	6.29	42.5	366
F061782		4.90	0.010	<0.005	0.001	0.11	6.98	0.7	30	0.14	0.08	8.86	0.14	6.55	44.7	326
F061783		5.15	0.003	<0.005	0.001	0.09	8.26	0.7	30	0.13	0.05	8.85	0.10	4.40	38.6	199
F061784		4.93	0.004	<0.005	0.002	0.11	7.71	2.3	30	0.11	0.05	8.23	0.09	4.98	50.0	146
F061785		3.71	0.005	0.005	0.002	0.18	7.60	4.7	180	0.33	0.09	7.64	0.06	9.19	33.5	167
F061786		2.75	0.029	<0.005	0.001	0.04	6.74	3.1	420	0.87	0.19	1.73	0.14	64.3	3.5	11
F061787		4.59	0.020	<0.005	0.001	0.02	6.83	1.6	530	1.12	0.06	1.67	0.08	58.6	3.4	13
F061788		4.47	0.005	<0.005	<0.001	0.02	6.91	3.0	580	1.22	0.08	1.53	0.06	66.7	3.5	13
F061789		4.24	0.004	<0.005	0.001	0.03	7.02	0.5	560	1.15	0.05	1.35	0.05	55.8	2.5	14
F061790		1.92	0.001	<0.005	<0.001	0.02	6.04	0.3	90	<0.05	0.02	21.4	0.06	0.74	0.6	4
F061791		2.26	0.006	<0.005	<0.001	0.02	6.74	0.8	530	1.18	0.07	1.42	0.09	53.9	3.2	10
F061792		2.34	0.005	<0.005	0.001	0.02	6.86	0.6	500	1.13	0.07	1.57	0.06	52.7	3.3	12
F061793		2.39	0.013	<0.005	<0.001	0.04	6.76	1.7	500	1.29	0.12	1.44	0.08	60.9	2.8	9
F061794		4.53	0.029	<0.005	0.001	0.05	6.78	0.4	470	1.76	0.27	1.44	0.08	57.3	2.5	10
F061795		4.43	0.011	<0.005	0.001	0.10	6.69	2.0	460	1.48	0.49	1.39	0.07	60.8	2.7	10
F061796		4.67	0.003	<0.005	0.001	0.07	6.73	1.6	460	1.22	0.37	1.33	0.08	57.4	2.2	10



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22145362**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061771		1.18	27.9	5.20	11.50	0.05	0.4	0.023	0.67	2.6	13.2	4.85	905	5.38	1.02	0.9
F061772		0.93	91.8	5.41	11.70	0.06	0.4	0.029	0.42	2.7	8.6	4.88	1000	0.15	1.00	0.9
F061773		0.93	115.5	3.93	8.55	0.05	0.4	0.015	0.44	6.1	8.8	3.24	682	116.0	0.84	1.7
F061774		0.66	72.8	5.75	11.30	<0.05	0.3	0.027	0.14	1.9	7.5	5.30	1155	1.39	1.01	0.6
F061775		0.74	118.0	6.00	11.30	<0.05	0.4	0.033	0.10	2.3	7.0	5.53	1190	0.09	1.01	0.6
F061776		0.76	134.5	6.16	10.80	<0.05	0.3	0.031	0.11	2.6	8.3	5.63	1195	0.16	1.00	0.8
F061777		0.59	142.5	6.25	10.70	<0.05	0.3	0.033	0.11	2.0	8.4	5.57	1210	0.06	0.94	0.7
F061778		0.60	130.0	6.34	10.95	<0.05	0.5	0.037	0.11	2.2	6.8	5.72	1250	0.07	0.98	0.7
F061779		0.65	176.0	6.28	10.30	<0.05	0.3	0.033	0.13	1.9	11.4	5.88	1230	0.29	0.90	0.6
F061780		2.14	7350	5.19	16.25	0.08	0.9	0.205	2.32	12.6	12.0	2.04	747	269	1.67	7.8
F061781		0.90	168.5	6.32	10.55	<0.05	0.5	0.033	0.12	2.5	8.8	6.00	1240	0.21	0.99	0.8
F061782		0.55	241	6.61	10.40	<0.05	0.5	0.035	0.11	2.6	7.5	6.13	1295	0.17	0.93	1.2
F061783		0.63	177.0	5.82	12.00	<0.05	0.3	0.027	0.11	1.8	9.2	5.18	1125	0.11	1.04	0.5
F061784		0.98	204	8.59	12.85	<0.05	0.3	0.038	0.13	1.9	9.3	5.06	1340	0.12	1.05	0.7
F061785		1.07	109.5	5.46	11.30	<0.05	0.5	0.028	0.82	4.3	26.4	4.45	972	0.06	1.26	1.1
F061786		1.22	10.8	1.32	14.90	0.13	4.3	0.012	1.76	32.6	4.5	0.25	220	0.33	2.85	10.7
F061787		1.96	3.8	1.55	15.90	0.15	4.2	0.012	1.95	30.8	6.6	0.24	260	1.09	2.89	11.2
F061788		2.48	2.4	1.51	15.80	0.15	4.2	0.012	2.28	34.8	7.7	0.24	268	0.70	2.87	10.8
F061789		2.84	2.4	1.38	15.30	0.15	3.9	0.012	2.36	29.2	7.0	0.21	254	0.52	3.08	10.3
F061790		0.48	2.0	0.08	0.23	0.14	<0.1	<0.005	0.02	0.5	6.8	12.45	363	0.09	0.02	0.1
F061791		1.85	5.6	1.37	14.60	0.17	3.9	0.013	2.06	28.0	7.3	0.23	229	0.48	3.04	9.9
F061792		1.60	10.6	1.41	14.80	0.18	3.8	0.013	1.85	27.5	6.3	0.22	255	0.60	3.00	9.7
F061793		1.98	7.0	1.36	15.00	0.14	3.9	0.014	1.95	32.1	7.0	0.23	242	0.80	2.95	10.1
F061794		5.88	8.5	1.31	14.60	0.18	4.1	0.015	1.85	30.8	5.7	0.21	249	0.64	3.00	11.1
F061795		3.01	4.9	1.35	15.35	0.17	4.0	0.019	1.94	32.7	6.5	0.21	248	0.67	3.00	12.1
F061796		2.43	3.7	1.30	14.65	0.16	4.0	0.013	1.94	31.3	6.8	0.21	235	0.57	3.01	10.6



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22145362**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061771		117.0	130	1.5	18.3	0.002	0.04	0.18	26.2	1	0.7	201	0.07	<0.05	0.83	0.151
F061772		116.5	160	1.4	13.8	<0.002	0.13	0.19	31.6	1	0.8	207	0.08	<0.05	0.39	0.161
F061773		69.3	70	1.9	21.3	0.047	0.15	0.14	20.9	1	0.4	118.5	0.25	<0.05	1.67	0.118
F061774		111.5	110	1.3	4.5	<0.002	0.10	0.12	41.0	1	0.3	210	0.06	<0.05	0.20	0.221
F061775		104.5	150	1.1	4.2	<0.002	0.08	0.09	46.5	<1	<0.2	189.5	0.06	<0.05	0.31	0.258
F061776		118.0	210	1.5	4.6	<0.002	0.09	0.13	45.7	1	0.2	176.5	0.06	<0.05	0.24	0.249
F061777		118.0	180	1.6	3.8	<0.002	0.09	0.11	46.9	1	0.2	171.0	0.05	<0.05	0.14	0.278
F061778		116.0	180	1.3	3.6	<0.002	0.08	0.08	48.0	1	<0.2	181.5	0.06	<0.05	0.17	0.274
F061779		131.5	130	1.2	4.1	0.004	0.10	0.18	47.3	1	0.2	162.0	0.05	<0.05	0.22	0.246
F061780		145.0	670	1550	74.1	0.107	2.50	137.5	8.1	6	4.8	373	0.53	0.44	4.39	0.241
F061781		124.0	160	1.9	3.8	<0.002	0.10	0.14	49.2	1	0.2	171.0	0.07	<0.05	0.35	0.254
F061782		154.0	160	1.9	2.8	<0.002	0.15	0.10	50.0	1	0.2	158.5	0.09	<0.05	0.34	0.285
F061783		127.5	120	1.2	3.0	<0.002	0.10	0.07	38.8	<1	<0.2	196.0	<0.05	<0.05	0.12	0.218
F061784		144.0	190	1.6	5.9	<0.002	0.23	0.19	47.8	1	0.2	191.0	0.06	<0.05	0.10	0.631
F061785		101.0	180	1.7	34.1	<0.002	0.15	0.22	35.8	1	0.3	115.5	0.12	<0.05	0.95	0.178
F061786		3.1	210	4.7	74.1	<0.002	0.28	0.15	2.7	<1	1.8	93.8	1.40	<0.05	11.30	0.120
F061787		2.6	210	6.3	94.2	<0.002	0.07	0.11	2.7	<1	1.8	122.0	1.39	<0.05	11.00	0.127
F061788		2.7	210	8.3	113.5	<0.002	0.10	0.10	2.7	<1	1.7	114.0	1.44	<0.05	14.65	0.121
F061789		2.5	190	7.7	112.5	<0.002	0.02	0.09	2.6	<1	1.6	117.5	1.39	<0.05	12.05	0.115
F061790		0.4	40	2.1	1.0	<0.002	<0.01	0.08	0.1	<1	<0.2	147.5	<0.05	<0.05	0.06	<0.005
F061791		2.3	190	7.1	94.2	<0.002	0.08	0.11	2.4	<1	1.6	112.0	1.39	<0.05	11.50	0.114
F061792		2.6	180	4.9	90.1	<0.002	0.13	0.13	2.5	<1	1.7	111.0	1.35	<0.05	11.65	0.110
F061793		3.0	180	8.1	102.5	<0.002	0.11	0.28	2.6	1	1.6	115.5	1.46	<0.05	12.75	0.111
F061794		2.2	180	7.7	101.5	<0.002	0.07	0.21	2.5	1	2.0	104.5	2.72	<0.05	11.85	0.104
F061795		2.4	180	10.0	110.5	<0.002	0.08	0.20	2.7	<1	2.1	107.0	2.06	<0.05	12.00	0.103
F061796		2.1	180	8.6	105.5	<0.002	0.05	0.15	2.5	<1	1.9	102.5	1.71	<0.05	12.00	0.102



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CERTIFICATE OF ANALYSIS TB22145362
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Sample Description	Method Analyte Units LOD	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F061771		0.15	0.2	105	4.0	4.9	50	14.3
F061772		0.10	0.2	124	20.0	5.4	50	13.2
F061773		0.10	0.4	90	26.8	4.3	36	13.0
F061774		0.04	0.1	171	1.8	5.8	53	9.7
F061775		0.04	0.1	188	0.1	6.9	57	11.8
F061776		0.04	0.1	184	0.3	6.8	56	11.6
F061777		0.03	0.1	204	0.1	6.7	59	10.7
F061778		0.03	0.1	203	0.1	7.4	61	18.9
F061779		0.02	0.1	199	0.1	6.4	58	11.0
F061780		1.47	1.7	103	11.6	10.6	3250	28.2
F061781		0.03	0.1	195	0.1	6.9	59	15.0
F061782		0.03	0.1	218	0.1	7.3	60	17.8
F061783		0.03	<0.1	169	0.1	5.4	54	9.5
F061784		0.04	0.1	401	0.1	6.9	70	9.2
F061785		0.14	0.3	145	3.8	5.8	72	16.0
F061786		0.30	3.2	13	4.5	10.5	16	156.0
F061787		0.41	3.4	13	1.8	10.5	24	153.5
F061788		0.51	3.5	12	1.1	10.9	23	151.5
F061789		0.49	4.8	11	0.7	9.9	22	140.0
F061790		0.07	0.2	2	0.2	0.5	13	0.7
F061791		0.41	3.7	11	1.8	9.1	21	137.0
F061792		0.38	3.5	11	2.2	8.2	13	134.5
F061793		0.39	3.7	10	2.5	9.5	18	140.0
F061794		0.42	4.4	10	2.7	9.3	16	135.0
F061795		0.42	5.2	10	2.7	10.2	18	137.0
F061796		0.43	4.6	10	2.2	10.6	21	132.5



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**CERTIFICATE OF ANALYSIS TB22145362**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method.            ME-MS61</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21		LOG-21d	LOG-23	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21		LOG-21d												
LOG-23	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS61 PGM-ICP24</p>															



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 This copy reported on 4-JUL-2022  
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**CERTIFICATE TB22146489**

Project: McVicar

This report is for 82 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 2-JUN-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations





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**CERTIFICATE OF ANALYSIS TB22146489**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061801		4.11	0.004	<0.005	0.002	0.05	8.40	6.2	80	0.14	0.03	8.28	0.08	4.74	35.6	162
F061802		5.10	0.002	<0.005	0.002	0.06	6.84	1.3	30	0.12	0.01	8.51	0.06	4.19	46.9	292
F061803		5.28	0.002	<0.005	0.002	0.07	7.23	1.6	30	0.15	0.01	8.24	0.08	6.40	45.7	299
F061804		5.03	0.001	<0.005	0.004	0.05	7.61	4.8	20	0.10	0.01	8.46	0.08	3.36	49.0	279
F061805		5.32	0.001	<0.005	0.002	0.04	7.67	1.0	40	0.13	0.02	8.54	0.08	4.03	45.8	262
F061806		3.70	0.001	<0.005	0.002	0.20	7.77	3.2	60	0.15	0.03	8.32	0.07	5.08	41.8	244
F061807		2.69	0.004	0.015	0.055	0.13	8.63	3.2	50	0.10	0.03	8.46	0.16	3.00	52.9	175
F061808		2.40	0.007	0.021	0.063	0.33	7.04	10.9	40	0.12	0.21	8.08	0.31	4.43	161.0	274
F061809		0.89	0.008	0.029	0.097	0.18	7.13	1.9	100	0.25	0.09	7.67	0.18	9.70	66.8	219
F061810		0.11	0.986	<0.005	0.004	72.1	6.64	53.5	530	1.20	2.50	1.99	17.55	34.9	23.1	130
F061811		5.05	0.001	<0.005	0.002	0.07	7.27	0.9	460	1.13	0.03	1.88	0.05	58.7	4.9	20
F061812		4.38	0.003	<0.005	0.003	0.09	8.18	6.7	70	0.16	0.02	8.58	0.11	4.54	41.7	198
F061813		3.86	0.002	<0.005	0.005	0.06	7.68	1.4	30	0.11	0.01	8.68	0.10	3.52	45.6	224
F061814		2.65	0.004	<0.005	0.002	0.35	6.85	1.3	30	0.12	0.08	7.61	0.34	4.09	137.0	227
F061815		3.64	0.004	<0.005	0.002	0.16	8.46	4.1	40	0.10	0.03	8.68	0.17	3.27	62.6	199
F061816		2.50	0.002	<0.005	0.001	0.05	7.62	4.4	110	0.25	0.02	7.61	0.08	9.43	38.7	190
F061817		4.24	0.002	<0.005	<0.001	0.02	7.50	0.9	290	0.93	0.07	3.02	0.03	51.1	6.7	18
F061818		3.26	0.008	0.008	0.044	0.30	7.91	5.0	30	0.13	0.08	8.67	0.25	4.01	70.2	227
F061819		2.67	0.006	0.006	0.024	0.17	7.93	2.5	20	0.11	0.06	8.55	0.20	4.78	42.9	243
F061820		0.75	0.002	<0.005	0.002	0.01	0.04	0.5	140	0.05	0.03	19.60	0.05	0.71	0.8	2
F061821		3.15	0.007	0.006	0.036	0.10	7.52	2.0	20	0.11	0.06	8.51	0.13	4.09	46.8	271
F061822		2.14	0.022	0.032	0.341	0.39	7.46	3.2	20	0.09	0.03	8.23	0.32	3.26	121.0	296
F061823		2.50	0.031	0.070	0.419	0.42	6.70	2.0	10	0.07	0.03	7.52	0.27	2.65	187.5	227
F061824		2.36	0.076	0.058	0.211	0.98	9.70	0.7	50	0.11	0.03	8.78	0.56	1.54	82.1	72
F061825		2.05	0.008	0.063	0.467	0.21	6.67	0.6	10	0.08	0.08	6.81	0.09	2.26	234	258
F061826		2.28	0.008	0.026	0.327	0.26	7.72	2.4	10	0.08	0.12	7.47	0.10	2.46	210	180
F061827		2.33	0.004	0.022	0.182	0.17	9.26	1.0	20	0.08	0.06	7.41	0.09	2.15	104.0	127
F061828		1.13	0.020	0.057	0.329	0.98	9.80	0.7	40	0.23	0.08	10.20	0.56	4.29	71.0	75
F061829		1.92	0.014	0.019	0.244	0.60	7.77	2.3	10	0.16	0.12	7.33	0.39	5.02	97.2	125
F061830		<0.02	0.021	0.025	0.242	0.52	7.59	2.3	10	0.17	0.11	7.09	0.39	5.13	96.2	123
F061831		2.67	0.011	0.050	0.261	0.36	7.96	5.5	10	0.11	0.13	6.42	0.24	2.73	124.5	128
F061832		2.59	0.017	0.081	0.387	0.43	6.47	9.0	<10	0.06	0.17	6.18	0.30	3.32	218	172
F061833		2.18	0.015	0.032	0.283	0.49	5.66	14.3	<10	0.07	0.12	7.55	0.20	3.36	166.0	269
F061834		1.47	0.023	<0.005	0.010	0.30	7.49	16.1	80	0.17	0.06	7.64	0.11	5.12	53.8	170
F061835		2.65	0.003	<0.005	0.005	0.10	7.41	5.1	40	0.11	0.02	8.36	0.06	3.46	43.5	192
F061836		1.72	0.010	<0.005	0.002	0.03	7.96	3.7	70	0.24	0.07	6.59	0.07	5.32	34.1	79
F061837		1.85	0.015	<0.005	0.002	0.11	6.85	11.4	100	0.26	0.22	6.21	0.06	12.65	42.4	119
F061838		1.84	0.032	<0.005	0.002	0.14	6.86	26.1	140	0.38	0.32	6.62	0.05	17.20	38.5	116
F061839		2.13	0.029	<0.005	0.003	0.08	6.83	20.1	130	0.40	0.26	6.72	0.08	14.30	35.9	158
F061840		0.11	6.39	<0.005	0.007	83.1	7.18	435	500	1.04	0.46	5.00	23.4	44.5	27.7	76



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To: NORTHERN DOMINION METALS/CROSS RIVER  
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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22146489**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061801		0.52	52.7	4.58	12.45	0.09	0.3	0.022	0.29	2.2	22.4	4.26	905	0.21	1.06	0.5
F061802		0.45	61.8	6.26	9.60	0.07	0.3	0.032	0.13	1.7	13.5	6.41	1340	0.09	0.56	0.3
F061803		0.39	66.0	5.99	10.50	0.08	0.5	0.030	0.12	3.0	15.8	6.07	1245	0.14	0.83	0.9
F061804		0.35	71.4	5.91	10.80	0.06	0.3	0.027	0.10	1.4	12.3	5.89	1250	0.06	0.71	0.2
F061805		0.54	62.6	6.05	10.85	0.06	0.3	0.028	0.20	1.7	13.7	6.00	1260	0.07	0.75	0.3
F061806		0.64	55.7	5.77	10.65	0.06	0.4	0.026	0.25	2.3	15.1	5.69	1205	0.08	0.84	0.6
F061807		0.53	222	5.82	12.20	0.06	0.2	0.024	0.20	1.3	13.9	5.13	1175	0.09	1.00	0.2
F061808		0.53	552	8.35	11.05	0.08	0.4	0.046	0.16	1.9	15.0	6.15	1370	0.10	0.60	0.3
F061809		0.62	336	6.59	10.30	0.07	0.5	0.032	0.39	5.0	14.8	5.24	1160	0.84	0.83	1.0
F061810		2.11	7380	5.14	15.95	0.13	0.9	0.224	2.30	16.4	13.7	2.04	725	267	1.65	7.5
F061811		1.34	14.8	1.52	15.50	0.15	3.7	0.010	1.51	31.1	7.4	0.53	225	2.33	3.35	10.3
F061812		0.69	115.0	5.48	11.65	0.08	0.3	0.030	0.29	2.2	15.9	5.07	1065	0.12	0.69	0.3
F061813		0.40	114.0	6.02	10.60	0.07	0.3	0.028	0.14	1.5	9.9	5.64	1235	0.09	0.72	0.3
F061814		0.43	718	9.12	9.60	0.07	0.4	0.033	0.15	1.8	12.2	5.67	1190	0.13	0.67	0.4
F061815		0.53	211	6.28	11.40	0.07	0.2	0.027	0.17	1.4	12.2	5.54	1190	0.06	0.88	0.2
F061816		0.83	82.9	5.48	10.95	0.08	0.6	0.027	0.60	4.8	15.4	5.10	1105	0.35	0.97	1.2
F061817		0.73	20.9	2.80	16.75	0.15	4.6	0.038	0.69	24.8	6.3	0.63	456	1.22	3.45	7.9
F061818		0.34	412	6.99	10.70	0.07	0.3	0.039	0.09	1.8	10.8	5.92	1270	0.08	0.63	0.3
F061819		0.35	274	6.31	10.75	0.07	0.3	0.034	0.09	2.2	10.6	5.72	1220	0.10	0.70	0.4
F061820		0.38	3.0	0.07	0.20	0.16	<0.1	<0.005	0.01	0.5	10.7	13.15	370	0.10	0.03	0.1
F061821		0.35	178.0	6.72	10.60	0.08	0.3	0.033	0.08	1.8	8.9	5.91	1330	0.12	0.65	0.4
F061822		0.38	1095	9.61	9.65	0.07	0.3	0.036	0.06	1.4	7.8	5.70	1230	0.11	0.51	0.2
F061823		0.31	1130	11.80	8.90	0.09	0.2	0.034	0.04	1.1	7.7	5.53	1175	0.11	0.43	0.2
F061824		0.43	2490	5.71	15.60	0.08	0.1	0.018	0.08	0.7	6.3	1.52	531	0.09	1.29	0.2
F061825		0.27	624	14.25	8.93	0.09	0.2	0.037	0.03	0.9	8.9	5.40	1140	0.13	0.35	0.1
F061826		0.25	517	11.45	10.40	0.08	0.1	0.035	0.04	1.1	12.3	4.96	1060	0.12	0.43	0.1
F061827		0.46	353	8.59	12.05	0.07	0.1	0.021	0.06	1.0	13.0	4.56	1000	0.08	0.73	0.2
F061828		3.74	2660	6.18	14.80	0.08	0.2	0.045	0.16	2.4	7.2	1.30	671	0.25	1.89	0.5
F061829		0.42	1785	8.28	11.05	0.07	0.3	0.035	0.04	2.4	14.4	4.13	931	0.19	0.91	0.8
F061830		0.42	1640	8.09	10.75	0.07	0.3	0.035	0.04	2.5	13.8	4.04	905	0.17	0.90	0.8
F061831		0.34	1110	9.22	10.80	0.08	0.2	0.026	0.04	1.2	17.3	4.60	962	0.27	0.59	0.3
F061832		0.30	1230	11.90	8.56	0.08	0.2	0.036	0.03	1.5	16.4	4.85	1020	0.18	0.15	0.3
F061833		0.50	1005	11.10	8.34	0.06	0.2	0.037	0.02	1.5	22.0	5.12	1170	0.13	0.07	0.3
F061834		1.40	192.5	6.61	12.35	0.05	0.4	0.037	0.66	2.3	40.0	4.15	1030	0.11	1.11	0.4
F061835		0.99	60.4	5.89	12.50	0.06	0.3	0.034	0.42	1.6	41.8	4.16	1025	0.07	1.01	0.2
F061836		1.18	53.0	5.98	12.85	0.07	0.2	0.028	0.71	2.9	40.1	3.51	1150	0.10	1.22	0.3
F061837		1.02	52.8	6.69	12.10	0.08	0.7	0.038	0.80	5.6	33.8	3.33	1145	0.19	0.85	1.2
F061838		1.24	59.9	6.66	13.35	0.08	1.0	0.045	1.15	7.3	30.0	3.33	1115	0.32	0.69	1.5
F061839		1.21	94.2	6.95	12.25	0.07	0.6	0.037	1.31	6.3	22.6	3.40	1110	0.17	0.52	0.9
F061840		2.72	748	6.20	16.90	0.13	0.8	0.105	1.43	22.8	25.9	2.45	945	16.85	1.91	21.1



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		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061801		88.1	70	2.0	3.0	<0.002	0.09	0.20	25.6	<1	0.2	204	0.05	<0.05	0.41	0.098
F061802		122.5	60	1.6	2.9	<0.002	0.13	0.17	42.2	1	<0.2	189.5	<0.05	<0.05	0.19	0.126
F061803		112.0	60	1.9	2.8	<0.002	0.10	0.16	42.2	1	0.2	169.5	0.15	<0.05	0.67	0.126
F061804		120.0	50	1.4	1.8	<0.002	0.12	0.15	38.9	1	<0.2	178.0	<0.05	<0.05	0.13	0.109
F061805		112.0	60	1.5	6.1	<0.002	0.12	0.12	39.9	1	<0.2	162.5	<0.05	<0.05	0.18	0.123
F061806		111.0	60	1.6	9.5	<0.002	0.10	0.15	38.9	1	0.2	151.0	0.06	<0.05	0.46	0.125
F061807		197.5	40	2.1	4.9	0.002	0.33	0.18	32.9	1	<0.2	215	<0.05	0.06	0.12	0.100
F061808		287	60	2.1	6.0	0.004	1.63	0.25	45.9	2	0.2	173.0	<0.05	0.14	0.22	0.129
F061809		323	70	8.9	19.7	0.003	0.78	0.19	35.3	1	0.4	138.0	0.11	0.10	0.84	0.114
F061810		140.5	650	1505	91.3	0.114	2.41	138.5	8.7	6	4.5	368	0.54	0.49	5.19	0.232
F061811		10.9	250	4.9	71.8	<0.002	0.19	0.14	4.0	<1	1.2	93.8	1.53	<0.05	13.80	0.111
F061812		99.2	50	1.5	11.6	<0.002	0.16	0.15	37.3	1	0.2	165.0	<0.05	<0.05	0.19	0.114
F061813		136.0	50	1.6	3.0	<0.002	0.20	0.14	35.4	1	<0.2	176.0	<0.05	<0.05	0.14	0.111
F061814		386	60	1.8	4.8	0.008	1.96	0.17	36.1	2	0.2	143.0	<0.05	0.06	0.26	0.104
F061815		259	40	2.9	4.3	0.002	0.51	0.16	34.9	1	<0.2	197.0	<0.05	<0.05	0.12	0.103
F061816		104.0	50	1.7	25.7	<0.002	0.11	0.11	33.8	<1	0.4	120.5	0.22	<0.05	1.90	0.103
F061817		6.2	560	4.5	26.7	<0.002	0.08	0.09	8.4	<1	1.3	182.0	0.78	<0.05	5.67	0.267
F061818		382	50	2.0	2.4	<0.002	0.69	0.23	39.8	1	0.2	178.5	<0.05	0.08	0.14	0.112
F061819		169.5	60	1.7	1.7	<0.002	0.26	0.14	39.6	<1	0.2	159.5	<0.05	0.08	0.28	0.116
F061820		0.8	30	2.4	0.7	<0.002	<0.01	0.09	0.1	1	<0.2	144.5	<0.05	<0.05	0.06	<0.005
F061821		228	60	2.0	1.2	<0.002	0.34	0.11	39.5	1	<0.2	167.5	<0.05	0.19	0.18	0.114
F061822		1255	40	2.3	1.1	<0.002	2.12	0.07	38.7	3	0.2	144.5	<0.05	0.46	0.13	0.106
F061823		2200	30	1.8	0.9	0.002	3.27	0.08	36.1	4	<0.2	126.0	<0.05	0.52	0.09	0.099
F061824		1115	30	2.3	0.3	0.003	1.92	0.14	8.8	3	<0.2	278	<0.05	0.20	0.05	0.045
F061825		3240	20	1.9	0.6	0.011	4.25	0.14	36.7	5	<0.2	122.5	<0.05	0.38	0.05	0.087
F061826		2130	20	1.7	0.8	0.009	3.42	0.28	33.3	4	<0.2	133.0	<0.05	0.28	0.07	0.089
F061827		1465	30	1.8	1.0	0.004	2.06	0.23	26.6	2	<0.2	170.0	<0.05	0.13	0.08	0.075
F061828		1260	60	3.1	3.4	0.005	1.85	3.77	14.4	3	0.3	310	0.08	0.19	0.59	0.052
F061829		1210	70	1.8	0.9	0.006	1.95	0.90	28.1	2	0.3	162.0	0.10	0.15	0.60	0.097
F061830		1170	70	1.8	0.9	0.005	1.93	0.91	26.4	2	0.3	155.5	0.11	0.17	0.51	0.097
F061831		1390	60	2.4	0.6	0.006	2.15	0.60	27.5	3	<0.2	130.5	<0.05	0.16	0.14	0.087
F061832		2360	50	2.2	0.4	0.010	3.90	1.04	32.3	4	<0.2	100.0	<0.05	0.35	0.16	0.096
F061833		2000	50	2.6	0.6	0.005	2.95	0.95	35.3	4	<0.2	49.4	<0.05	0.25	0.14	0.154
F061834		177.0	80	2.2	27.3	<0.002	0.88	0.33	33.3	1	0.2	138.5	<0.05	<0.05	0.25	0.166
F061835		124.0	30	1.3	15.8	<0.002	0.17	0.20	34.0	<1	<0.2	143.0	<0.05	<0.05	0.15	0.200
F061836		63.3	60	2.0	25.6	<0.002	0.34	0.23	27.1	1	<0.2	184.0	<0.05	<0.05	0.18	0.225
F061837		84.9	280	1.8	32.5	<0.002	0.75	0.23	25.6	1	0.3	124.0	0.13	0.06	0.91	0.303
F061838		76.9	370	1.9	49.7	<0.002	1.01	0.30	27.1	<1	0.4	103.5	0.13	0.08	1.01	0.375
F061839		98.3	350	1.6	50.3	<0.002	0.38	0.25	27.1	1	0.3	90.1	0.08	0.06	0.48	0.374
F061840		53.5	1270	2440	46.9	0.020	1.26	217	21.9	5	2.0	366	1.09	0.33	2.44	0.518



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061801		0.06	0.1	93	0.3	3.6	47	11.7
F061802		0.03	<0.1	139	0.1	5.6	55	9.3
F061803		0.02	0.3	133	0.2	6.2	56	16.3
F061804		<0.02	<0.1	121	0.1	4.7	54	7.3
F061805		0.04	0.1	132	0.2	5.3	58	9.7
F061806		0.05	0.1	128	0.1	5.5	57	13.5
F061807		0.04	<0.1	113	0.1	3.9	55	6.4
F061808		0.05	0.1	152	0.1	6.2	69	12.1
F061809		0.11	0.3	122	0.2	5.4	68	17.6
F061810		1.42	2.0	100	12.2	11.8	3140	27.6
F061811		0.27	4.1	18	0.5	12.8	13	133.5
F061812		0.06	0.1	121	0.1	5.0	54	9.2
F061813		0.03	<0.1	121	0.1	4.6	54	8.5
F061814		0.02	0.1	109	0.1	4.7	67	11.3
F061815		0.02	<0.1	111	0.1	4.4	55	7.3
F061816		0.12	1.0	107	0.2	5.9	59	16.4
F061817		0.12	1.5	26	0.7	18.3	35	185.5
F061818		0.02	<0.1	121	0.1	5.0	67	8.9
F061819		<0.02	0.1	118	0.1	5.3	58	12.1
F061820		0.05	0.2	2	0.1	0.4	13	0.7
F061821		<0.02	<0.1	120	<0.1	5.2	55	10.1
F061822		<0.02	<0.1	114	<0.1	4.6	57	7.7
F061823		0.02	<0.1	113	<0.1	4.1	49	6.2
F061824		0.02	<0.1	40	<0.1	1.2	40	3.0
F061825		<0.02	<0.1	105	<0.1	3.9	39	4.9
F061826		<0.02	<0.1	102	0.1	3.7	38	4.1
F061827		<0.02	<0.1	83	0.1	2.7	36	4.4
F061828		0.02	0.2	49	0.1	2.5	39	4.3
F061829		<0.02	0.2	94	0.2	4.3	54	9.4
F061830		<0.02	0.2	91	0.2	4.1	54	8.9
F061831		<0.02	<0.1	93	0.1	3.0	52	5.0
F061832		0.02	<0.1	105	0.1	4.0	52	7.3
F061833		0.04	0.1	191	0.2	4.4	58	6.4
F061834		0.14	0.1	183	1.4	3.3	55	12.4
F061835		0.09	<0.1	201	1.2	2.7	52	6.4
F061836		0.12	0.1	275	1.8	2.3	43	6.9
F061837		0.14	0.3	255	6.7	3.4	53	22.7
F061838		0.21	0.4	299	13.7	4.5	52	42.4
F061839		0.23	0.4	245	18.5	3.6	50	23.9
F061840		0.43	1.5	203	15.2	15.0	3850	28.4



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F061841		2.55	0.088	<0.005	0.001	0.15	6.44	14.6	290	0.63	0.15	3.61	0.09	38.8	12.8	26
F061842		1.41	0.051	0.005	0.009	0.16	6.82	16.0	180	0.39	0.09	7.12	0.22	8.27	35.0	198
F061843		1.41	0.025	<0.005	0.009	0.13	6.44	19.3	150	0.35	0.04	7.40	0.30	7.19	38.0	236
F061844		2.62	0.018	0.007	0.007	0.07	6.59	10.3	150	0.29	0.02	7.02	0.26	5.98	37.4	193
F061845		2.44	0.011	<0.005	0.006	0.06	6.97	5.8	130	0.27	0.01	6.48	0.21	6.25	42.5	193
F061846		2.38	0.019	<0.005	0.007	0.16	6.60	15.3	160	0.40	0.05	6.59	0.25	7.83	36.7	198
F061847		1.78	0.103	<0.005	0.002	0.65	4.72	32.3	190	0.38	0.45	2.24	0.20	18.60	21.1	40
F061848		1.41	0.171	<0.005	0.001	1.13	7.04	33.6	270	0.61	0.60	2.37	0.16	42.2	19.2	29
F061849		2.26	0.096	0.006	0.006	0.46	6.09	55.4	180	0.43	0.35	7.97	0.36	2.74	37.4	379
F061850		0.70	0.002	<0.005	0.001	0.02	0.06	1.1	70	<0.05	0.01	19.45	0.13	0.61	0.7	1
F061851		2.11	0.005	0.007	0.010	0.08	7.25	30.1	190	0.43	0.10	6.91	0.26	7.09	34.0	388
F061852		1.47	0.108	<0.005	0.002	0.56	7.15	12.0	270	0.50	0.33	2.67	0.08	47.9	10.5	43
F061853		2.04	0.012	0.008	0.005	0.13	6.97	13.9	130	0.23	0.07	6.45	0.11	4.27	40.3	141
F061854		1.95	0.006	<0.005	0.001	0.20	7.61	2.1	80	0.09	0.05	7.89	0.06	1.93	62.2	108
F061855		2.54	0.008	<0.005	0.003	0.12	7.81	1.0	70	0.10	0.01	6.77	0.09	1.99	55.3	192
F061856		4.73	0.003	<0.005	0.003	0.08	7.67	0.7	110	0.12	0.02	8.41	0.09	2.17	45.1	143
F061857		4.47	0.005	0.005	0.004	0.13	7.88	1.5	90	0.11	0.02	7.80	0.09	3.07	41.5	182
F061858		3.03	0.001	<0.005	<0.001	0.09	7.51	3.7	10	0.12	0.02	7.96	0.09	2.63	56.4	33
F061859		4.79	0.001	<0.005	<0.001	0.12	6.92	4.9	10	0.12	0.02	7.85	0.08	2.56	57.7	26
F061860		<0.02	0.001	<0.005	0.001	0.12	7.27	5.0	10	0.11	0.02	8.14	0.08	2.56	58.7	24
F061861		5.11	0.011	<0.005	0.001	0.19	7.61	4.0	20	0.12	0.02	8.03	0.07	2.78	58.4	35
F061862		5.42	0.001	<0.005	0.001	0.16	7.44	3.7	10	0.11	0.02	7.77	0.07	2.48	54.2	40
F061863		4.50	0.001	<0.005	0.002	0.17	7.57	2.3	130	0.54	0.17	5.50	0.07	33.0	39.2	240
F061864		5.13	0.002	0.012	0.007	0.29	7.89	3.5	40	0.17	0.11	8.11	0.20	4.58	48.9	106
F061865		5.26	0.002	0.012	0.004	0.32	7.69	2.5	20	0.14	0.06	8.30	0.19	3.69	50.7	91
F061866		4.77	0.003	0.009	0.008	0.27	7.80	7.0	30	0.13	0.04	8.34	0.29	4.08	51.6	195
F061867		5.07	0.005	<0.005	0.008	0.20	7.82	8.3	30	0.16	0.04	7.79	0.22	4.36	44.8	262
F061868		4.52	0.004	0.009	0.010	0.19	7.94	3.9	40	0.15	0.06	7.68	0.14	4.97	45.5	289
F061869		3.17	0.001	<0.005	0.003	0.07	8.42	12.9	50	0.12	0.03	8.90	0.16	2.28	23.8	499
F061870		0.11	0.507	<0.005	0.001	0.27	7.18	4.1	820	1.20	1.29	1.85	0.06	29.4	5.6	15
F061871		5.46	0.004	<0.005	0.006	0.11	8.74	18.1	40	0.14	0.03	9.42	0.22	2.47	25.3	581
F061872		3.29	0.004	0.008	0.011	0.24	8.28	5.8	30	0.17	0.03	7.84	0.19	4.20	43.5	251
F061873		3.84	0.003	0.007	0.047	0.08	8.70	3.6	40	0.13	0.05	9.05	0.10	2.08	25.0	580
F061874		3.08	0.004	0.009	0.025	0.10	8.80	1.5	30	0.08	0.04	8.22	0.07	2.02	33.8	4720
F061875		3.36	<0.001	<0.005	0.018	0.09	9.34	2.0	150	0.09	0.03	7.26	0.10	1.72	47.3	>10000
F061876		2.60	0.004	<0.005	0.007	0.05	7.85	1.8	310	0.45	0.02	7.90	0.04	2.24	21.0	2330
F061877		0.96	0.002	<0.005	0.002	0.06	7.87	34.2	650	0.86	0.03	7.26	0.04	5.06	13.7	682
F061878		1.86	0.006	<0.005	0.001	0.17	6.29	2.5	420	0.96	0.02	1.60	0.06	37.2	3.1	30
F061879		2.28	0.146	<0.005	<0.001	0.17	6.53	0.9	400	1.14	0.04	1.74	0.18	46.5	3.8	24
F061880		1.24	0.001	<0.005	0.001	0.01	0.07	1.2	70	0.07	0.02	18.80	0.05	0.87	0.6	5



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F061841		2.17	123.0	2.52	15.00	0.13	2.5	0.040	2.58	21.1	5.0	1.25	566	0.55	0.34	6.2
F061842		1.75	43.5	6.08	10.15	0.08	0.4	0.039	2.13	3.8	18.0	4.18	1255	0.11	0.23	0.5
F061843		1.78	68.0	6.34	8.83	0.08	0.5	0.034	1.91	3.0	19.9	4.60	1325	0.13	0.18	0.4
F061844		1.58	73.8	6.17	8.67	0.08	0.3	0.033	1.98	2.5	20.5	4.59	1270	0.08	0.17	0.2
F061845		1.61	65.1	6.29	9.32	0.08	0.3	0.036	2.03	2.7	24.5	4.75	1185	0.08	0.15	0.2
F061846		1.68	74.3	5.98	10.05	0.10	0.4	0.040	2.06	3.4	20.6	4.40	1180	0.07	0.15	0.4
F061847		1.70	15.2	3.46	10.80	0.10	1.6	0.024	2.12	9.0	1.6	1.02	441	1.62	0.15	2.4
F061848		2.45	23.6	3.56	15.35	0.13	3.4	0.030	3.14	20.9	3.8	1.27	443	1.12	0.21	4.9
F061849		1.76	19.8	4.75	9.23	0.09	0.2	0.033	2.43	1.3	9.3	4.40	1230	0.14	0.17	0.2
F061850		0.47	2.2	0.08	0.21	0.17	<0.1	<0.005	0.02	<0.5	7.8	13.35	458	0.14	0.02	<0.1
F061851		1.70	16.6	4.82	9.56	0.10	0.6	0.025	2.53	3.4	17.7	4.43	1020	0.16	0.19	0.7
F061852		2.08	37.9	2.57	15.15	0.17	4.0	0.033	2.93	24.1	4.4	0.93	321	0.80	0.47	6.2
F061853		1.40	76.5	4.60	9.23	0.09	0.3	0.026	2.09	2.0	24.3	4.83	931	0.25	0.18	0.4
F061854		0.91	133.5	5.43	8.88	0.08	0.1	0.017	0.89	0.9	59.1	6.79	812	<0.05	0.10	<0.1
F061855		0.93	111.0	5.23	9.66	0.09	0.1	0.018	0.81	0.8	60.4	6.83	822	<0.05	0.28	<0.1
F061856		0.96	87.8	5.02	9.15	0.07	0.1	0.021	1.10	0.9	54.6	5.72	930	<0.05	0.25	0.1
F061857		0.81	82.2	6.20	10.25	0.07	0.2	0.033	0.74	1.2	41.4	4.62	1080	<0.05	1.01	0.1
F061858		0.34	78.8	9.91	14.35	0.07	0.2	0.057	0.03	1.0	12.4	4.13	1585	0.08	0.90	0.2
F061859		0.26	81.4	9.80	13.80	0.07	0.2	0.055	0.02	1.0	9.1	4.11	1560	0.06	0.83	0.2
F061860		0.28	84.6	10.30	14.25	0.07	0.2	0.056	0.02	1.0	9.4	4.27	1620	<0.05	0.87	0.2
F061861		0.46	82.6	9.76	13.85	0.07	0.2	0.047	0.04	1.0	11.1	4.55	1640	0.05	1.04	0.2
F061862		0.33	80.0	9.56	12.90	0.07	0.2	0.044	0.03	0.9	11.6	4.50	1625	<0.05	0.96	0.2
F061863		0.56	55.2	6.39	14.85	0.09	1.9	0.044	0.14	15.2	12.7	4.25	1050	0.41	2.34	3.4
F061864		0.41	62.4	8.01	12.40	0.07	0.3	0.046	0.07	1.9	9.7	4.79	1565	0.08	1.16	0.3
F061865		0.41	94.3	8.06	12.70	0.07	0.3	0.052	0.06	1.4	10.5	4.89	1475	0.06	0.95	0.2
F061866		0.41	86.2	7.83	11.95	0.08	0.3	0.043	0.05	1.6	9.4	4.98	1455	<0.05	0.94	0.2
F061867		0.35	70.6	6.64	11.95	0.08	0.3	0.033	0.06	1.8	11.1	5.03	1295	0.06	0.98	0.1
F061868		0.40	72.8	6.76	12.45	0.07	0.3	0.033	0.07	2.1	14.5	4.95	1225	0.07	1.04	0.3
F061869		0.33	25.0	3.47	14.80	0.06	0.2	0.019	0.07	0.9	16.0	2.27	646	0.07	1.20	0.2
F061870		0.53	46.4	2.23	14.00	0.10	1.8	0.031	1.71	14.9	3.6	0.50	633	2.26	3.29	5.8
F061871		0.21	41.1	3.53	15.25	0.07	0.2	0.024	0.03	1.1	16.4	2.28	671	0.09	1.19	0.2
F061872		0.30	104.0	6.56	13.10	0.06	0.3	0.038	0.05	1.8	14.0	4.82	1110	<0.05	0.97	0.1
F061873		0.23	29.7	3.49	14.85	0.06	0.2	0.019	0.03	0.9	14.7	3.04	615	0.09	1.14	0.3
F061874		0.46	53.8	4.54	14.85	0.05	0.1	0.023	0.13	0.9	28.4	3.58	734	0.05	0.81	0.1
F061875		1.57	51.2	6.36	20.4	<0.05	<0.1	0.020	1.99	0.7	26.8	2.08	975	0.05	0.55	0.1
F061876		1.88	27.8	3.24	13.85	<0.05	0.1	0.019	3.34	1.1	34.2	2.39	656	<0.05	0.19	0.2
F061877		2.58	4.2	2.16	14.15	<0.05	0.2	0.018	4.22	2.5	6.6	1.27	542	0.07	0.18	0.5
F061878		1.90	73.6	0.84	14.50	0.08	3.2	0.008	1.83	17.7	4.7	0.19	123	0.24	2.45	6.9
F061879		1.31	33.5	1.22	15.25	0.08	3.6	0.010	1.46	24.4	5.0	0.22	179	0.39	2.97	9.1
F061880		0.40	3.7	0.09	0.27	0.11	<0.1	<0.005	0.02	0.5	10.1	12.45	391	0.08	0.03	0.1



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**CERTIFICATE OF ANALYSIS TB22146489**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F061841		15.9	240	4.2	110.5	<0.002	0.57	0.31	12.2	<1	1.0	59.3	1.13	0.05	10.70	0.209
F061842		150.5	140	1.8	93.1	<0.002	0.34	0.19	34.8	<1	0.5	87.0	0.07	0.06	0.68	0.169
F061843		164.5	170	1.5	82.6	<0.002	0.24	0.24	36.1	1	0.4	88.2	<0.05	<0.05	0.39	0.138
F061844		144.5	210	1.1	85.5	<0.002	0.19	0.12	34.1	<1	<0.2	80.9	<0.05	<0.05	0.30	0.123
F061845		148.5	180	0.9	92.0	<0.002	0.20	0.15	35.3	<1	<0.2	71.2	<0.05	<0.05	0.11	0.132
F061846		131.0	170	1.1	92.9	<0.002	0.25	0.19	36.9	<1	0.2	77.3	0.05	<0.05	0.41	0.141
F061847		16.8	180	3.4	88.1	0.002	2.79	0.23	12.5	1	0.6	35.7	0.23	0.46	1.96	0.224
F061848		19.5	380	2.6	133.0	<0.002	2.56	0.22	17.1	1	0.7	44.2	0.47	0.96	4.60	0.237
F061849		123.5	10	1.5	101.0	<0.002	1.08	0.13	32.9	1	0.2	98.7	<0.05	0.38	0.04	0.097
F061850		1.1	30	1.5	0.9	<0.002	<0.01	0.14	0.2	<1	<0.2	134.0	<0.05	<0.05	0.04	<0.005
F061851		101.5	70	1.1	102.5	<0.002	0.15	0.14	33.8	<1	0.2	85.4	0.06	<0.05	0.56	0.099
F061852		12.2	480	2.5	115.0	<0.002	1.44	0.20	9.2	1	1.0	56.2	0.59	0.34	5.30	0.192
F061853		139.0	40	0.8	83.9	<0.002	0.15	0.13	34.8	1	0.3	71.9	0.05	<0.05	0.22	0.097
F061854		307	40	<0.5	36.7	<0.002	0.20	0.10	21.5	1	<0.2	52.6	<0.05	<0.05	0.03	0.034
F061855		287	30	0.6	34.7	<0.002	0.07	0.13	31.9	1	<0.2	63.2	<0.05	<0.05	0.02	0.049
F061856		234	40	0.6	41.9	<0.002	0.07	0.12	28.6	1	<0.2	63.9	<0.05	<0.05	0.06	0.069
F061857		103.5	50	0.9	30.2	<0.002	0.08	0.13	36.3	<1	<0.2	99.6	<0.05	<0.05	0.04	0.150
F061858		50.7	50	3.0	0.8	0.002	0.17	0.47	50.0	1	<0.2	234	<0.05	<0.05	0.01	0.623
F061859		52.5	50	2.5	0.4	0.002	0.19	0.35	48.9	1	<0.2	216	<0.05	<0.05	0.01	0.601
F061860		53.1	50	2.6	0.4	0.003	0.19	0.33	50.3	1	<0.2	226	<0.05	<0.05	0.01	0.644
F061861		56.3	40	1.7	1.0	0.002	0.16	0.23	51.6	1	<0.2	211	<0.05	<0.05	0.01	0.540
F061862		56.6	40	1.9	0.5	0.002	0.15	0.28	48.2	1	<0.2	228	<0.05	<0.05	0.01	0.541
F061863		152.0	540	1.8	4.1	0.002	0.08	0.18	26.8	1	0.5	255	0.21	<0.05	1.42	0.420
F061864		81.0	70	3.9	1.6	<0.002	0.11	0.24	49.5	<1	<0.2	241	<0.05	<0.05	0.11	0.317
F061865		98.9	30	2.8	1.3	0.002	0.16	0.19	53.2	<1	<0.2	186.5	<0.05	<0.05	0.02	0.358
F061866		119.5	30	3.5	1.1	0.002	0.10	0.15	48.5	1	<0.2	186.5	<0.05	<0.05	0.02	0.292
F061867		128.0	30	3.5	0.8	0.002	0.07	0.17	41.4	<1	<0.2	168.5	<0.05	<0.05	0.03	0.179
F061868		148.5	50	2.4	1.5	<0.002	0.07	0.22	39.9	<1	<0.2	174.0	<0.05	<0.05	0.07	0.240
F061869		78.5	110	4.7	0.3	<0.002	0.01	0.21	14.2	1	<0.2	167.5	<0.05	<0.05	0.04	0.097
F061870		10.1	470	9.5	37.7	<0.002	0.04	0.76	7.3	<1	0.9	199.5	0.44	0.23	3.03	0.195
F061871		106.5	70	4.4	0.2	<0.002	0.01	0.28	15.8	<1	<0.2	177.0	<0.05	<0.05	0.04	0.099
F061872		147.0	30	2.1	1.0	<0.002	0.09	0.18	38.1	1	<0.2	156.0	<0.05	<0.05	0.01	0.213
F061873		104.0	40	3.3	0.2	<0.002	<0.01	0.25	14.6	<1	<0.2	154.5	<0.05	<0.05	0.05	0.077
F061874		142.0	30	2.3	1.4	<0.002	0.02	0.31	20.6	<1	<0.2	121.5	<0.05	<0.05	0.03	0.141
F061875		150.5	20	2.9	63.2	<0.002	0.01	0.50	17.8	1	<0.2	81.4	<0.05	<0.05	0.01	0.271
F061876		79.7	20	0.9	79.0	<0.002	0.02	0.19	20.0	<1	0.2	53.8	<0.05	<0.05	0.08	0.065
F061877		45.7	30	0.8	86.9	<0.002	0.01	0.21	13.8	<1	0.2	51.6	<0.05	<0.05	0.08	0.058
F061878		3.6	140	3.3	90.7	<0.002	0.04	0.14	2.2	<1	0.5	67.0	1.34	<0.05	11.10	0.070
F061879		3.2	180	4.4	70.2	<0.002	0.08	0.14	2.7	<1	0.9	106.0	1.44	<0.05	11.15	0.102
F061880		1.2	40	2.3	1.2	<0.002	<0.01	0.13	0.1	<1	<0.2	137.0	<0.05	<0.05	0.10	<0.005



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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22146489**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F061841		0.45	4.0	95	24.5	7.2	10	86.2
F061842		0.40	0.3	147	9.3	3.1	47	11.2
F061843		0.33	0.1	130	11.9	3.4	56	18.6
F061844		0.38	0.1	114	6.8	2.8	55	9.8
F061845		0.37	<0.1	120	3.2	2.8	64	10.7
F061846		0.38	0.2	130	6.2	3.0	60	13.9
F061847		0.34	0.7	85	17.4	5.0	7	64.7
F061848		0.51	1.4	87	16.2	10.1	9	142.0
F061849		0.38	0.1	109	5.6	2.7	29	5.6
F061850		0.05	0.2	2	0.1	0.3	39	0.7
F061851		0.44	0.2	105	5.0	3.6	46	22.2
F061852		0.50	1.6	27	10.4	10.8	9	172.5
F061853		0.35	0.1	107	3.1	2.9	44	9.0
F061854		0.17	<0.1	50	0.6	1.4	58	2.4
F061855		0.15	<0.1	77	0.8	1.1	47	2.0
F061856		0.22	<0.1	82	1.5	1.4	43	3.0
F061857		0.14	<0.1	171	0.6	3.1	59	5.8
F061858		<0.02	<0.1	395	0.1	5.9	87	3.8
F061859		<0.02	<0.1	400	0.1	6.1	90	4.0
F061860		<0.02	<0.1	412	0.1	6.2	94	4.0
F061861		<0.02	<0.1	348	0.1	6.5	95	4.5
F061862		<0.02	<0.1	366	0.1	6.0	96	4.1
F061863		0.02	0.4	175	0.2	12.5	82	80.7
F061864		<0.02	<0.1	229	0.1	7.0	90	9.9
F061865		<0.02	<0.1	303	0.1	7.6	80	8.1
F061866		<0.02	<0.1	252	0.1	7.6	84	8.7
F061867		<0.02	<0.1	139	0.1	6.2	76	8.2
F061868		0.02	<0.1	181	0.2	6.6	72	10.1
F061869		0.03	<0.1	83	0.1	2.5	48	5.8
F061870		0.16	1.4	36	17.8	18.5	45	56.1
F061871		0.03	<0.1	85	0.2	2.7	52	6.0
F061872		0.02	<0.1	162	0.2	6.9	59	6.0
F061873		0.02	<0.1	71	0.1	2.5	15	6.1
F061874		0.04	<0.1	188	0.1	3.0	60	3.1
F061875		0.38	<0.1	548	0.2	2.8	162	1.3
F061876		0.66	0.1	128	0.7	2.6	58	4.0
F061877		1.03	0.1	71	2.0	2.8	40	6.0
F061878		0.41	4.1	10	2.3	7.6	9	106.0
F061879		0.32	3.7	12	1.5	8.3	30	125.0
F061880		0.06	0.2	2	0.2	0.5	15	1.1





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CERTIFICATE OF ANALYSIS TB22146489
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PGM-ICP24 Au ppm	PGM-ICP24 Pt ppm	PGM-ICP24 Pd ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm
F061881		2.27	0.002	<0.005	0.001	0.06	6.87	0.8	480	1.31	0.02	1.74	0.05	46.6	3.4	13
F061882		2.79	0.001	<0.005	0.001	0.07	6.91	1.1	460	1.19	0.02	1.68	0.04	50.4	3.5	15

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



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CERTIFICATE OF ANALYSIS TB22146489
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Sample Description	Method Analyte Units LOD	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1
F061881		1.36	26.8	1.56	16.25	0.12	3.7	0.010	1.35	24.6	6.3	0.30	246	0.36	3.30	9.2
F061882		1.59	16.6	1.52	16.20	0.12	3.6	0.011	1.46	27.1	6.4	0.28	213	0.34	3.19	9.2

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CERTIFICATE OF ANALYSIS TB22146489
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Sample Description	Method Analyte Units LOD	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005
F061881		3.6	220	5.3	70.6	<0.002	0.03	0.12	3.0	<1	1.1	135.0	1.29	<0.05	8.48	0.122
F061882		4.0	220	4.7	81.9	<0.002	0.05	0.16	3.1	<1	1.1	129.0	1.28	<0.05	8.60	0.122



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**CERTIFICATE OF ANALYSIS TB22146489**

	Method Analyte Units LOD	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F061881		0.32	3.2	14	0.8	8.1	25	139.0
F061882		0.36	3.3	15	1.1	7.9	21	135.5



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**CERTIFICATE OF ANALYSIS TB22146489**

	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method.            ME-MS61</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21		LOG-21d	LOG-23	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21		LOG-21d												
LOG-23	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS61 PGM-ICP24</p>															



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**CERTIFICATE TB22153965**

Project: McVicar

This report is for 128 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 9-JUN-2022.

The following have access to data associated with this certificate:

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP24	Pt, Pd, Au 50g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

Signature:   
 Saa Traxler, Director, North Vancouver Operations



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 Account: NDMCDEZG

Project: McVicar

**CERTIFICATE OF ANALYSIS TB22153965**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F062101		1.18	0.008	<0.005	<0.001	0.06	8.44	1.0	10	0.13	0.03	10.25	0.13	2.57	52.1	45
F062102		1.18	0.006	<0.005	0.002	0.15	7.40	0.7	20	0.16	0.06	8.73	0.16	6.37	127.5	35
F062103		1.77	0.005	<0.005	0.002	0.13	6.82	1.7	20	0.14	0.07	7.96	0.17	21.5	108.5	30
F062104		1.40	0.003	<0.005	0.007	0.06	8.43	0.7	30	0.10	0.03	8.76	0.09	3.32	42.5	117
F062105		1.86	0.002	<0.005	0.002	0.04	7.81	0.8	20	0.08	0.01	9.18	0.08	2.93	41.0	181
F062106		2.53	0.003	<0.005	0.004	0.08	7.34	2.6	30	0.09	0.01	9.26	0.07	3.37	50.3	275
F062107		2.33	0.003	0.010	0.015	0.07	10.55	3.8	60	0.12	0.02	9.26	0.13	3.95	28.3	72
F062108		2.43	0.002	<0.005	0.003	0.03	7.88	0.9	40	0.10	0.02	9.31	0.09	3.15	47.8	214
F062109		2.44	0.002	0.005	0.006	0.03	7.19	0.6	20	0.06	0.01	9.33	0.05	2.45	38.8	296
F062110		0.11	1.075	<0.005	0.004	66.2	6.58	47.4	270	0.96	2.49	1.97	16.45	29.4	20.1	124
F062111		2.61	0.003	0.005	0.007	0.15	5.92	1.3	20	0.09	0.05	8.59	0.09	3.10	56.9	388
F062112		3.33	0.002	<0.005	0.001	0.02	7.50	<0.2	240	0.96	0.10	2.79	0.05	50.8	7.7	25
F062113		2.12	0.002	<0.005	0.004	0.04	7.09	2.1	60	0.13	0.06	8.87	0.09	6.21	37.5	269
F062114		1.24	0.003	<0.005	0.002	0.05	8.68	3.0	140	0.12	0.06	8.71	0.12	5.91	44.1	122
F062115		1.56	0.001	<0.005	<0.001	0.02	8.16	1.7	150	0.68	0.04	5.79	0.06	37.9	13.8	76
F062116		3.57	0.005	0.006	0.006	0.30	8.19	1.9	20	0.12	0.06	8.67	0.21	4.47	90.8	115
F062117		2.51	0.002	0.009	0.010	0.05	7.80	5.5	20	0.10	0.01	8.42	0.08	3.14	48.9	154
F062118		2.53	0.001	<0.005	0.002	0.03	9.64	1.5	40	0.10	<0.01	8.77	0.08	3.41	33.6	72
F062119		2.32	0.002	<0.005	0.001	0.03	10.25	2.3	40	0.13	<0.01	9.22	0.08	2.77	28.1	26
F062120		1.09	0.002	<0.005	0.001	0.01	0.09	0.3	130	<0.05	0.02	21.5	0.08	0.88	1.0	2
F062121		2.53	0.003	<0.005	0.001	0.21	9.35	2.0	50	0.12	0.01	8.66	0.20	3.09	46.0	35
F062122		2.47	0.002	<0.005	0.001	0.03	10.00	2.5	40	0.10	<0.01	9.02	0.07	2.69	28.0	53
F062123		2.60	0.002	<0.005	0.001	0.02	10.05	1.3	40	0.09	<0.01	8.98	0.07	2.61	27.4	32
F062124		2.34	0.002	<0.005	0.001	0.04	9.67	1.8	30	0.12	<0.01	8.66	0.10	2.54	31.4	30
F062125		2.44	0.002	<0.005	0.003	0.14	8.99	1.7	20	0.11	0.01	8.48	0.14	4.73	39.1	186
F062126		2.40	0.002	<0.005	0.002	0.06	8.90	1.5	20	0.12	0.01	8.80	0.06	4.01	40.4	127
F062127		2.55	0.002	<0.005	0.001	0.06	9.04	0.8	20	0.10	<0.01	8.39	0.08	3.83	36.1	40
F062128		2.26	0.002	<0.005	0.001	0.17	8.87	5.1	20	0.14	0.01	6.94	0.03	5.19	34.2	32
F062129		2.37	0.001	<0.005	0.001	0.05	8.47	6.7	30	0.13	<0.01	8.20	0.05	2.68	30.8	28
F062130		<0.02	0.001	<0.005	0.001	0.04	8.54	5.2	20	0.12	<0.01	8.26	0.05	2.81	30.1	28
F062131		2.40	0.002	<0.005	0.001	0.05	8.49	3.0	60	0.14	<0.01	8.02	0.03	2.77	26.8	28
F062132		2.78	0.005	<0.005	0.002	0.17	7.45	28.1	90	0.12	0.01	8.40	0.10	2.03	44.3	84
F062133		1.72	0.018	<0.005	0.001	0.58	7.07	16.6	100	0.21	0.40	6.86	0.53	7.81	48.8	67
F062134		2.41	0.036	<0.005	0.002	0.13	6.80	8.6	90	0.26	0.33	7.08	0.02	13.30	51.2	57
F062135		2.09	0.202	0.013	0.041	0.70	7.27	35.4	220	0.50	0.41	6.56	0.11	20.2	37.0	69
F062136		2.31	0.032	<0.005	0.001	0.07	6.68	11.0	250	0.49	0.09	4.07	0.05	26.2	19.1	40
F062137		2.27	0.081	0.012	0.055	0.33	6.76	25.8	220	0.46	0.16	5.46	0.12	22.0	27.7	2000
F062138		2.55	0.098	<0.005	0.001	0.18	6.66	8.9	200	0.52	0.13	4.42	0.02	30.0	19.1	24
F062139		2.19	0.007	<0.005	0.005	0.02	7.17	3.1	140	0.22	0.04	6.63	0.04	2.72	32.8	87
F062140		0.11	6.57	<0.005	0.007	84.9	7.20	429	2070	0.86	0.47	5.12	22.1	42.3	27.2	75



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To: NORTHERN DOMINION METALS/CROSS RIVER  
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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22153965**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F062101		0.34	98.9	9.76	19.05	0.05	0.4	0.065	0.07	1.0	4.1	3.09	1645	0.08	1.18	0.3
F062102		0.31	172.5	13.90	14.20	0.06	0.5	0.056	0.06	2.6	2.8	3.19	1195	0.25	1.52	0.7
F062103		0.24	203	15.15	13.65	0.07	0.8	0.049	0.05	7.1	2.1	3.14	1085	0.14	1.54	2.3
F062104		0.38	94.5	8.19	14.05	<0.05	0.3	0.051	0.08	1.4	7.4	4.27	1270	0.08	1.42	0.3
F062105		0.30	53.3	7.25	13.40	<0.05	0.3	0.043	0.07	1.1	9.7	4.69	1375	0.07	1.06	0.2
F062106		0.53	79.4	7.08	12.60	<0.05	0.3	0.045	0.11	1.4	8.4	5.29	1375	0.06	0.84	0.2
F062107		0.35	107.0	4.47	15.15	<0.05	0.3	0.026	0.17	1.7	9.9	3.20	924	0.09	1.71	0.6
F062108		0.66	57.2	6.67	13.55	<0.05	0.3	0.040	0.18	1.3	10.8	4.55	1225	<0.05	0.92	0.2
F062109		0.45	31.9	7.58	11.35	0.05	0.3	0.042	0.09	1.0	8.2	5.58	1515	<0.05	0.69	0.1
F062110		2.07	7090	5.10	15.40	0.09	0.8	0.207	2.30	14.2	11.4	2.00	728	263	1.62	7.4
F062111		0.41	104.0	8.87	11.30	0.05	0.2	0.045	0.06	1.5	16.2	5.80	1625	0.35	0.58	0.1
F062112		1.07	14.2	3.11	18.45	0.13	5.1	0.036	0.44	25.8	7.2	0.60	487	1.24	3.75	9.4
F062113		0.49	29.1	7.25	12.20	<0.05	0.5	0.043	0.17	3.3	12.8	4.55	1305	0.11	0.90	0.6
F062114		0.77	40.0	6.69	14.20	<0.05	0.4	0.045	0.45	2.9	15.6	3.72	1165	0.14	1.11	0.4
F062115		0.45	10.8	3.98	17.50	0.15	3.6	0.045	0.28	19.3	10.2	1.63	752	0.80	3.12	6.3
F062116		0.40	422	9.23	16.15	0.05	0.4	0.039	0.07	2.2	8.8	3.80	1365	0.10	0.88	0.4
F062117		0.29	72.2	6.70	13.45	<0.05	0.3	0.040	0.12	1.3	11.0	5.33	1420	0.06	0.86	0.2
F062118		0.29	43.6	4.91	15.40	<0.05	0.3	0.029	0.12	1.5	8.0	3.76	1050	0.07	1.15	0.4
F062119		0.28	41.2	4.23	16.75	<0.05	0.2	0.025	0.10	1.2	10.7	3.18	936	0.06	1.36	0.3
F062120		0.67	2.7	0.12	0.35	0.11	<0.1	<0.005	0.02	0.6	9.4	12.20	373	0.12	0.02	0.1
F062121		0.28	289	4.48	15.85	<0.05	0.3	0.028	0.11	1.4	9.8	2.84	870	0.09	1.49	0.5
F062122		0.16	40.5	4.26	16.15	<0.05	0.2	0.028	0.09	1.2	7.7	3.29	948	0.06	1.25	0.3
F062123		0.24	39.4	4.29	15.45	<0.05	0.2	0.025	0.10	1.2	9.4	3.26	969	0.06	1.29	0.3
F062124		0.39	58.4	4.36	16.45	<0.05	0.2	0.025	0.09	1.1	11.6	3.30	962	0.06	1.23	0.2
F062125		0.58	46.4	5.99	13.60	0.09	0.3	0.035	0.06	2.0	18.2	4.65	1295	0.05	0.92	0.2
F062126		0.63	65.1	5.79	13.20	0.08	0.3	0.034	0.07	1.8	12.5	4.30	1220	0.06	0.96	0.3
F062127		0.42	54.8	5.36	13.30	0.08	0.2	0.028	0.07	1.7	17.8	4.23	1115	0.06	1.12	0.2
F062128		0.47	53.9	5.54	13.15	0.09	0.2	0.024	0.15	2.3	42.4	4.50	1050	0.07	1.11	0.4
F062129		0.35	39.7	4.37	15.15	0.07	0.1	0.031	0.07	1.3	27.8	3.38	935	0.05	1.24	0.2
F062130		0.35	37.1	4.44	15.20	0.08	0.1	0.032	0.06	1.3	27.8	3.49	962	0.05	1.13	0.3
F062131		0.56	46.5	4.48	14.20	0.09	0.1	0.027	0.26	1.2	38.5	3.61	844	<0.05	1.68	0.2
F062132		0.85	56.6	5.04	13.15	0.07	0.2	0.036	0.85	0.9	50.1	3.52	919	<0.05	0.86	0.3
F062133		1.23	129.0	8.84	13.25	0.07	0.4	0.040	0.97	4.2	39.1	2.73	926	0.42	0.74	0.8
F062134		0.81	94.2	8.74	14.75	0.06	0.6	0.065	0.58	6.5	29.6	3.06	1140	0.23	0.95	1.2
F062135		1.96	169.5	6.28	15.75	0.08	1.1	0.049	2.13	9.6	19.4	3.06	1165	0.22	0.53	1.8
F062136		1.69	33.7	4.62	16.40	0.09	2.7	0.057	1.78	11.6	19.6	2.10	748	0.55	1.35	3.9
F062137		1.90	141.5	4.35	13.70	0.08	2.0	0.033	1.94	10.4	19.0	3.75	1005	0.36	0.86	3.1
F062138		1.48	69.1	4.57	17.60	0.11	3.0	0.041	1.33	14.3	20.9	1.66	492	0.58	1.56	4.5
F062139		1.23	36.2	4.65	12.35	0.07	0.1	0.028	1.81	1.3	38.9	4.49	803	<0.05	0.22	0.2
F062140		2.64	727	6.27	17.40	0.11	1.3	0.112	1.45	22.1	25.0	2.47	948	16.65	1.92	20.9





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		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F062101		83.1	30	1.6	1.2	0.007	0.55	0.24	30.9	1	0.2	236	<0.05	0.05	0.06	0.776
F062102		95.6	30	1.3	1.0	0.003	5.58	0.15	30.7	2	0.3	205	0.07	0.14	0.13	0.263
F062103		96.1	90	1.2	0.8	0.003	7.32	0.09	26.9	2	0.7	175.0	0.21	0.13	0.34	0.504
F062104		71.8	40	1.2	1.4	0.003	1.52	0.12	39.4	1	<0.2	182.0	<0.05	0.05	0.15	0.172
F062105		93.6	30	1.1	1.2	<0.002	0.42	0.15	44.1	1	<0.2	164.0	<0.05	<0.05	0.10	0.294
F062106		125.5	30	1.1	2.7	<0.002	0.28	0.17	43.2	1	<0.2	154.0	<0.05	<0.05	0.08	0.246
F062107		83.8	110	1.5	0.8	<0.002	0.13	0.13	18.8	1	<0.2	262	<0.05	<0.05	0.17	0.118
F062108		102.5	40	1.6	5.4	<0.002	0.45	0.11	40.6	1	<0.2	164.5	<0.05	<0.05	0.07	0.233
F062109		126.5	20	1.1	2.1	<0.002	0.12	0.14	38.4	<1	<0.2	164.5	<0.05	<0.05	0.04	0.261
F062110		129.5	650	1485	76.8	0.108	2.39	126.0	7.5	6	4.3	359	0.51	0.38	4.64	0.235
F062111		165.0	20	2.2	2.6	<0.002	0.43	0.22	41.7	1	0.2	81.8	<0.05	<0.05	0.04	0.294
F062112		8.7	570	4.7	17.2	<0.002	0.06	0.19	8.7	1	1.5	190.0	0.90	<0.05	6.50	0.287
F062113		88.8	50	2.3	6.8	<0.002	0.59	0.26	37.3	1	0.2	181.5	0.05	0.06	0.33	0.239
F062114		120.0	60	2.7	12.6	0.002	0.75	0.28	37.5	1	0.2	201	<0.05	<0.05	0.15	0.195
F062115		19.7	400	3.7	8.9	<0.002	0.04	0.21	21.8	<1	1.0	193.5	0.61	<0.05	4.47	0.282
F062116		305	40	2.9	1.6	0.006	1.03	0.26	31.3	2	0.2	232	<0.05	0.08	0.23	0.472
F062117		124.0	30	1.7	1.0	<0.002	0.21	0.15	39.6	1	<0.2	167.5	<0.05	<0.05	0.08	0.204
F062118		64.7	60	1.5	0.8	<0.002	0.12	0.11	24.0	1	<0.2	241	<0.05	<0.05	0.12	0.126
F062119		48.4	60	1.8	0.3	<0.002	0.11	0.14	18.3	<1	<0.2	283	<0.05	<0.05	0.07	0.098
F062120		2.7	40	2.9	1.2	<0.002	0.01	0.16	0.3	<1	<0.2	147.0	<0.05	<0.05	0.08	0.014
F062121		119.0	50	2.1	0.4	0.002	0.49	0.15	19.4	1	<0.2	267	0.05	0.05	0.19	0.097
F062122		50.2	50	1.4	0.3	<0.002	0.10	0.10	19.6	1	<0.2	276	<0.05	<0.05	0.06	0.103
F062123		58.7	50	1.5	0.3	<0.002	0.10	0.08	18.2	<1	<0.2	279	<0.05	<0.05	0.06	0.098
F062124		70.1	40	2.2	0.3	<0.002	0.14	0.09	19.8	1	<0.2	265	<0.05	<0.05	0.06	0.094
F062125		102.5	40	1.6	0.8	<0.002	0.17	0.14	37.2	<1	<0.2	192.0	<0.05	<0.05	0.07	0.182
F062126		138.0	60	1.6	0.8	<0.002	0.16	0.17	34.8	<1	<0.2	225	<0.05	<0.05	0.09	0.169
F062127		62.2	50	1.8	0.7	<0.002	0.14	0.16	30.9	<1	<0.2	211	<0.05	<0.05	0.09	0.114
F062128		55.9	50	1.6	0.3	<0.002	0.17	0.33	26.6	<1	0.2	192.0	<0.05	<0.05	0.11	0.111
F062129		58.1	40	2.3	0.2	<0.002	0.07	0.35	19.8	<1	<0.2	244	<0.05	<0.05	0.05	0.096
F062130		57.9	40	2.0	0.1	<0.002	0.07	0.37	20.6	<1	<0.2	238	<0.05	<0.05	0.05	0.094
F062131		61.8	40	1.7	2.9	<0.002	0.08	0.22	24.3	<1	<0.2	199.5	<0.05	<0.05	0.06	0.100
F062132		83.1	40	1.7	14.0	<0.002	0.25	0.28	25.4	<1	<0.2	142.5	<0.05	<0.05	0.07	0.136
F062133		76.2	80	4.4	35.4	0.002	2.81	0.82	23.4	<1	0.2	125.5	0.09	0.11	0.57	0.279
F062134		50.1	300	1.3	25.0	0.002	1.10	0.33	30.4	<1	0.3	84.3	0.10	0.08	0.83	0.420
F062135		108.0	350	2.4	85.2	0.002	1.62	0.34	27.5	<1	0.5	76.7	0.19	0.28	1.66	0.320
F062136		45.5	460	1.4	46.2	<0.002	0.29	0.14	15.9	<1	0.9	68.0	0.37	<0.05	2.50	0.233
F062137		275	240	1.5	66.2	<0.002	0.73	0.23	15.2	<1	0.6	84.3	0.29	0.21	2.33	0.155
F062138		22.4	340	1.5	49.2	<0.002	0.73	0.18	16.0	<1	0.8	83.4	0.44	<0.05	3.42	0.286
F062139		68.8	60	0.7	34.3	<0.002	0.10	0.16	26.2	<1	<0.2	66.5	<0.05	<0.05	0.05	0.148
F062140		55.1	1280	2480	45.3	0.020	1.30	213	19.8	5	2.2	370	1.13	0.34	2.45	0.538



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**CERTIFICATE OF ANALYSIS TB22153965**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F062101		0.02	<0.1	370	0.2	5.7	65	8.0
F062102		<0.02	0.1	185	0.1	7.7	55	12.5
F062103		<0.02	0.1	197	0.1	15.3	54	21.7
F062104		0.02	<0.1	198	0.2	6.0	63	8.4
F062105		<0.02	<0.1	298	0.3	6.1	66	8.9
F062106		0.02	<0.1	261	0.1	6.2	62	8.7
F062107		0.03	0.1	97	0.2	3.6	44	10.5
F062108		0.03	<0.1	266	0.2	5.9	59	9.3
F062109		<0.02	<0.1	294	0.1	5.4	63	6.8
F062110		1.38	1.8	98	12.2	10.3	3140	26.5
F062111		0.02	<0.1	348	0.5	5.3	92	7.0
F062112		0.13	1.8	31	0.6	19.4	47	197.5
F062113		0.03	0.1	251	0.4	6.4	77	18.6
F062114		0.09	<0.1	191	0.2	6.2	73	11.8
F062115		0.06	1.2	109	0.7	15.8	51	135.5
F062116		0.03	0.1	403	0.3	5.0	66	12.1
F062117		<0.02	<0.1	225	0.1	5.9	60	7.5
F062118		<0.02	<0.1	109	<0.1	4.1	48	9.2
F062119		<0.02	<0.1	82	0.1	3.0	44	7.9
F062120		0.11	0.4	3	0.2	0.7	22	1.0
F062121		0.03	0.1	87	0.1	3.5	41	8.5
F062122		<0.02	<0.1	90	0.1	3.1	43	6.9
F062123		<0.02	<0.1	81	<0.1	2.9	44	6.2
F062124		0.02	<0.1	80	<0.1	3.0	43	6.4
F062125		0.02	<0.1	185	0.1	5.5	63	6.2
F062126		0.02	<0.1	157	0.1	5.3	54	8.8
F062127		0.02	<0.1	104	0.1	4.4	54	6.7
F062128		<0.02	0.1	97	0.2	3.9	51	6.5
F062129		<0.02	<0.1	86	0.1	3.1	50	3.6
F062130		<0.02	<0.1	85	0.1	3.2	49	3.4
F062131		0.05	<0.1	93	0.2	3.9	48	4.6
F062132		0.17	<0.1	130	0.4	2.0	59	5.3
F062133		0.22	0.2	293	8.7	3.2	80	12.0
F062134		0.11	0.3	346	9.2	3.6	75	18.0
F062135		0.38	0.6	191	15.4	6.3	46	36.2
F062136		0.33	0.8	102	9.8	8.1	41	100.5
F062137		0.37	0.8	102	9.7	6.9	219	76.0
F062138		0.25	0.9	136	4.4	7.8	37	111.5
F062139		0.34	<0.1	134	2.6	1.6	48	4.9
F062140		0.48	1.6	205	17.0	14.3	3840	32.7



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**CERTIFICATE OF ANALYSIS TB22153965**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F062141		2.31	0.012	0.010	0.037	0.44	6.84	9.9	120	0.18	0.05	8.07	0.14	2.85	33.7	87
F062142		2.19	0.065	0.007	0.028	0.44	6.49	36.9	120	0.29	0.24	7.62	0.11	2.10	40.4	79
F062143		2.68	0.220	0.005	0.012	0.69	8.06	71.5	310	0.63	0.52	5.63	0.15	4.36	23.7	845
F062144		2.44	0.008	<0.005	0.002	0.08	7.31	43.2	180	0.31	0.05	7.45	0.21	2.39	44.4	140
F062145		2.27	0.006	0.009	0.024	0.10	7.21	20.9	150	0.24	0.03	7.04	0.18	2.21	39.2	361
F062146		2.87	0.022	<0.005	0.005	0.07	7.41	5.9	140	0.30	0.08	7.21	0.16	3.39	45.2	382
F062147		5.27	0.008	<0.005	0.001	0.05	6.71	2.8	80	0.15	0.06	7.87	0.07	3.05	49.0	82
F062148		1.68	0.145	<0.005	<0.001	0.15	6.10	3.8	410	0.67	0.15	2.27	0.06	45.3	6.6	6
F062149		2.16	0.010	<0.005	0.004	0.05	6.14	3.0	330	0.62	0.06	3.56	0.08	24.1	18.8	61
F062150		0.87	0.002	<0.005	<0.001	0.01	0.03	1.2	90	0.05	0.01	19.60	0.05	0.76	0.8	1
F062151		1.77	0.006	0.008	0.005	0.04	6.94	3.1	290	0.58	0.07	6.22	0.12	25.3	27.9	67
F062152		3.66	0.005	<0.005	0.004	0.02	7.25	1.9	180	0.30	0.04	7.26	0.06	5.37	45.1	101
F062153		2.99	0.065	<0.005	<0.001	0.14	7.27	9.3	390	0.65	0.30	2.41	0.04	44.5	8.8	5
F062154		2.44	0.042	<0.005	<0.001	0.11	7.26	6.6	480	0.87	0.25	2.44	0.02	44.6	4.4	3
F062155		3.41	0.005	<0.005	0.001	0.03	6.97	3.9	410	0.86	0.11	2.85	0.03	46.3	9.2	59
F062156		1.31	0.002	<0.005	0.001	0.01	8.53	0.5	330	0.26	0.01	5.73	<0.02	2.67	28.1	17
F062157		1.22	0.014	<0.005	0.003	0.05	7.65	5.3	310	0.42	0.06	7.46	0.02	10.15	31.7	279
F062158		3.73	0.004	<0.005	0.002	0.04	7.60	2.7	70	0.14	0.06	7.33	0.05	2.64	44.1	47
F062159		4.80	0.007	<0.005	0.001	0.04	8.21	3.0	40	0.14	0.05	7.84	0.05	2.66	48.3	36
F062160		<0.02	0.006	<0.005	0.001	0.03	8.39	2.7	40	0.12	0.05	7.77	0.05	2.69	46.4	36
F062161		4.52	0.004	<0.005	0.002	0.03	8.31	3.6	60	0.16	0.06	8.23	0.04	4.28	46.3	43
F062162		4.05	0.002	<0.005	0.002	0.03	7.51	0.8	180	0.58	0.06	4.83	0.06	37.0	34.3	303
F062163		3.76	0.003	<0.005	0.001	0.03	8.07	2.9	80	0.14	0.06	7.49	0.03	3.61	50.3	33
F062164		4.96	<0.001	<0.005	0.001	0.07	8.24	2.1	60	0.11	0.02	7.76	0.04	2.16	50.3	35
F062165		5.06	0.002	<0.005	0.001	0.05	8.14	2.6	90	0.14	0.04	7.36	0.04	3.12	41.2	42
F062166		5.11	0.002	<0.005	0.001	0.03	7.74	1.7	70	0.13	0.03	7.49	0.05	2.25	40.8	40
F062167		1.75	0.002	<0.005	0.001	0.03	8.18	2.7	60	0.13	0.04	7.83	0.04	2.14	48.9	41
F062168		3.41	0.002	<0.005	0.002	0.03	4.82	1.9	30	0.14	0.04	8.23	0.08	6.99	69.7	121
F062169		5.18	<0.001	<0.005	0.002	0.03	4.64	1.4	20	0.12	0.04	8.10	0.09	6.07	68.8	127
F062170		0.11	0.498	<0.005	0.001	0.29	6.90	4.8	830	1.00	1.16	1.83	0.07	27.0	6.2	14
F062171		5.00	0.002	<0.005	0.001	0.05	8.39	1.4	50	0.13	0.03	7.68	0.10	2.49	57.3	17
F062172		4.99	0.002	<0.005	0.002	0.05	8.34	1.9	50	0.10	0.03	8.26	0.06	3.34	52.2	78
F062173		5.16	0.002	<0.005	0.011	0.02	6.70	2.2	30	0.09	0.06	8.33	0.06	5.06	52.6	277
F062174		6.00	0.002	<0.005	0.001	0.03	8.76	3.7	40	0.13	0.03	8.70	0.05	3.73	49.7	115
F062175		4.23	0.001	<0.005	0.001	0.02	9.14	2.3	60	0.12	0.03	8.76	0.05	2.47	29.0	145
F062176		5.67	0.001	<0.005	0.001	0.03	8.46	3.5	110	0.15	0.02	8.57	0.06	1.87	28.0	161
F062177		3.12	0.004	<0.005	0.001	0.04	6.86	4.8	210	0.92	0.05	3.27	0.06	37.1	13.3	60
F062178		3.31	0.003	<0.005	0.003	0.03	8.47	11.6	110	0.16	0.05	8.11	0.04	3.59	31.6	200
F062179		7.52	0.004	<0.005	0.001	0.01	8.81	5.2	160	0.30	0.05	7.43	0.05	6.57	23.1	149
F062180		0.79	0.002	<0.005	0.001	<0.01	0.05	0.7	90	<0.05	0.01	19.75	0.06	0.65	0.7	1



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F062141		1.32	213	4.95	12.25	0.05	0.1	0.033	1.69	1.3	38.4	4.27	878	0.13	0.13	0.2
F062142		1.16	309	7.73	17.25	0.06	0.1	0.067	1.49	1.0	29.2	3.72	1065	0.07	0.10	0.3
F062143		2.54	35.5	3.50	13.20	0.10	0.3	0.040	3.71	2.1	4.4	2.52	866	0.19	0.19	0.5
F062144		1.98	91.7	5.06	10.65	0.09	0.1	0.030	2.71	1.0	19.0	4.92	1005	<0.05	0.14	0.1
F062145		1.92	102.0	5.10	10.15	0.06	0.2	0.031	2.55	1.0	19.6	4.66	1050	<0.05	0.14	0.1
F062146		1.96	100.0	5.50	11.05	0.08	0.2	0.040	2.59	1.6	20.6	4.59	1095	0.05	0.16	0.1
F062147		1.03	75.8	7.88	12.15	0.05	0.2	0.037	1.02	1.3	39.0	4.20	1230	<0.05	0.39	0.1
F062148		1.84	23.0	1.26	15.00	0.14	3.7	0.021	2.12	23.6	3.7	0.33	258	0.46	1.68	8.7
F062149		1.56	29.1	3.54	13.45	0.09	2.3	0.028	1.86	11.4	12.9	1.84	684	0.18	1.34	5.5
F062150		0.51	2.0	0.09	0.27	0.18	<0.1	0.006	0.02	0.5	8.4	13.30	419	0.13	0.02	0.1
F062151		1.89	68.3	4.71	13.10	0.13	1.5	0.037	2.09	12.8	16.2	2.91	1110	0.15	0.92	3.4
F062152		1.42	55.5	7.17	13.25	0.07	0.2	0.035	1.49	2.8	40.5	4.24	1125	0.10	0.35	0.2
F062153		3.10	72.6	2.79	17.40	0.15	4.8	0.020	1.76	21.5	7.7	0.51	226	0.79	2.59	7.6
F062154		3.42	8.1	2.76	18.00	0.12	4.9	0.020	2.09	21.6	7.0	0.42	223	1.06	2.38	7.9
F062155		2.37	20.8	2.79	16.95	0.14	4.3	0.017	1.50	21.6	10.1	0.89	337	0.72	2.77	7.7
F062156		2.04	5.5	4.37	17.95	0.12	0.1	0.024	3.11	1.3	22.4	1.75	638	<0.05	1.62	0.2
F062157		1.79	49.8	5.47	15.05	0.09	0.8	0.023	2.13	5.2	28.8	2.39	859	0.19	0.85	1.7
F062158		0.48	68.8	6.04	15.60	0.07	0.1	0.028	0.45	1.3	25.2	3.36	895	0.05	1.04	0.2
F062159		0.32	107.0	6.64	17.15	0.09	0.1	0.028	0.10	1.3	16.8	3.34	960	0.07	1.25	0.2
F062160		0.35	103.0	6.67	16.35	0.08	0.1	0.019	0.10	1.3	16.4	3.40	968	0.09	1.25	0.2
F062161		0.29	66.7	6.94	16.40	0.07	0.1	0.030	0.16	2.1	17.0	3.27	941	0.06	1.05	0.2
F062162		1.11	55.6	5.53	16.40	0.11	2.5	0.038	0.42	16.7	14.3	4.12	909	0.24	2.46	4.8
F062163		0.65	99.9	7.21	17.00	0.07	0.2	0.027	0.24	1.8	16.4	3.30	1010	0.13	1.43	0.3
F062164		0.89	67.2	7.25	16.75	0.07	0.2	0.027	0.21	1.0	13.0	3.40	1045	0.06	1.31	0.2
F062165		0.49	50.8	6.01	18.20	0.09	0.3	0.040	0.26	1.5	13.2	2.69	859	0.49	1.75	0.7
F062166		0.36	59.1	6.13	17.40	0.09	0.2	0.035	0.19	1.1	12.2	2.69	902	0.14	1.61	0.5
F062167		0.41	49.5	6.88	19.00	0.07	0.1	0.036	0.17	1.1	14.4	3.23	1075	0.11	1.27	0.2
F062168		1.49	35.8	9.99	10.95	0.08	0.5	0.068	0.15	2.7	12.7	7.77	1890	0.14	0.44	0.4
F062169		2.90	37.6	9.79	10.35	0.05	0.4	0.057	0.22	2.2	14.0	7.73	1880	0.11	0.32	0.3
F062170		0.53	44.4	2.23	14.30	0.11	2.0	0.040	1.71	12.4	3.3	0.50	658	2.30	3.22	6.4
F062171		2.16	73.3	9.60	18.30	0.07	0.3	0.047	0.25	1.1	12.3	3.73	1255	0.10	1.25	0.4
F062172		0.90	77.0	8.23	16.45	0.07	0.3	0.046	0.17	1.4	12.4	4.26	1280	0.08	1.10	0.3
F062173		1.16	49.3	7.43	12.00	0.08	0.3	0.051	0.14	2.1	13.8	5.75	1300	0.07	0.58	0.3
F062174		1.37	64.3	7.25	16.00	0.08	0.2	0.053	0.18	1.6	12.8	4.22	1195	0.11	0.90	0.3
F062175		0.41	34.1	4.09	15.90	0.09	0.1	0.038	0.14	1.2	15.1	2.99	832	0.09	1.54	0.1
F062176		0.36	30.2	3.71	14.40	0.08	0.1	0.035	0.37	1.0	17.6	2.76	762	<0.05	1.27	0.1
F062177		0.88	23.6	2.33	15.80	0.15	3.1	0.032	0.76	18.8	9.9	1.28	380	0.27	2.88	7.5
F062178		0.44	22.4	4.28	15.05	0.08	0.2	0.036	0.33	2.0	20.4	3.21	882	0.06	1.19	0.3
F062179		0.82	10.6	3.62	15.40	0.11	0.4	0.028	0.56	3.3	21.0	2.71	727	0.14	1.60	1.3
F062180		0.42	2.3	0.07	0.29	0.23	<0.1	0.014	0.01	0.5	8.4	13.10	390	0.07	0.02	0.1



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		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F062141		117.0	40	10.4	45.9	<0.002	0.18	1.03	31.0	<1	<0.2	66.6	<0.05	0.06	0.04	0.178
F062142		97.8	30	3.9	59.7	<0.002	1.37	0.49	35.0	1	0.2	65.2	<0.05	0.15	0.02	0.566
F062143		92.3	110	2.4	101.5	<0.002	0.89	0.39	15.4	<1	0.2	83.6	0.05	0.25	0.33	0.122
F062144		147.5	20	1.1	101.0	<0.002	0.17	0.20	31.5	<1	<0.2	80.3	<0.05	<0.05	0.01	0.094
F062145		161.0	20	0.9	105.0	<0.002	0.12	0.19	32.8	<1	<0.2	71.2	<0.05	<0.05	0.02	0.097
F062146		173.5	30	1.1	93.0	<0.002	0.29	0.18	26.6	<1	<0.2	79.8	<0.05	<0.05	0.04	0.132
F062147		70.6	40	0.9	47.2	0.002	0.29	0.21	38.2	1	<0.2	80.1	<0.05	<0.05	0.02	0.283
F062148		4.8	190	3.5	87.9	<0.002	0.44	0.15	3.1	<1	1.3	57.0	1.32	0.07	10.25	0.102
F062149		43.5	160	2.4	57.0	<0.002	0.16	0.11	14.4	<1	0.7	60.2	0.88	<0.05	5.58	0.144
F062150		0.9	50	1.5	1.4	<0.002	<0.01	0.10	0.2	<1	<0.2	129.5	<0.05	<0.05	0.09	<0.005
F062151		45.7	80	2.2	97.7	<0.002	0.18	0.11	30.2	<1	0.7	75.6	0.49	<0.05	4.79	0.158
F062152		98.6	30	0.8	48.2	<0.002	0.12	0.12	31.3	<1	0.3	70.9	<0.05	<0.05	0.11	0.232
F062153		2.4	540	2.8	82.4	<0.002	0.98	0.10	7.2	<1	1.1	94.6	0.73	0.08	5.93	0.219
F062154		1.0	570	2.4	89.2	<0.002	1.17	0.12	7.1	<1	1.3	102.5	0.74	0.08	5.67	0.234
F062155		24.9	530	2.5	63.7	<0.002	0.39	0.11	8.5	<1	1.2	133.5	0.75	<0.05	5.89	0.219
F062156		29.1	30	0.9	71.4	<0.002	0.01	0.10	7.5	<1	0.2	131.0	<0.05	<0.05	0.08	0.187
F062157		52.7	70	1.1	56.0	<0.002	0.11	0.17	20.2	<1	0.5	81.9	0.24	<0.05	1.78	0.353
F062158		62.5	30	1.9	4.5	<0.002	0.04	0.31	26.3	<1	0.3	234	<0.05	<0.05	0.06	0.237
F062159		71.8	30	2.3	0.7	<0.002	0.05	0.34	25.4	<1	0.2	299	<0.05	<0.05	0.08	0.331
F062160		71.1	30	2.3	0.7	<0.002	0.05	0.36	25.5	<1	0.2	294	<0.05	<0.05	0.06	0.340
F062161		83.4	20	2.4	1.2	<0.002	0.06	0.49	24.3	<1	0.2	307	<0.05	<0.05	0.07	0.384
F062162		176.5	720	1.8	9.4	<0.002	0.02	0.22	16.6	<1	0.7	269	0.30	<0.05	1.70	0.387
F062163		83.0	40	1.9	2.2	<0.002	0.05	0.37	24.6	<1	0.2	315	<0.05	<0.05	0.11	0.400
F062164		85.2	40	1.6	2.0	<0.002	0.03	0.19	27.4	<1	<0.2	269	<0.05	<0.05	0.04	0.423
F062165		76.7	30	3.9	2.2	<0.002	0.03	0.51	21.7	<1	0.2	277	0.09	<0.05	0.37	0.329
F062166		77.4	30	1.8	1.3	<0.002	0.03	0.41	20.8	1	0.2	259	0.07	<0.05	0.30	0.327
F062167		99.2	20	1.5	1.3	<0.002	0.04	0.29	22.9	1	0.2	278	<0.05	<0.05	0.04	0.400
F062168		166.0	70	1.0	8.8	<0.002	0.04	0.21	57.6	<1	0.3	105.0	0.05	<0.05	0.27	0.323
F062169		166.0	50	0.8	16.1	<0.002	0.05	0.13	56.4	<1	0.2	94.1	<0.05	<0.05	0.18	0.321
F062170		11.4	460	9.9	38.1	<0.002	0.04	0.78	6.8	<1	1.0	196.0	0.41	0.28	2.96	0.207
F062171		115.5	30	1.2	6.2	<0.002	0.10	0.12	32.4	<1	0.2	214	<0.05	<0.05	0.06	0.729
F062172		78.8	30	1.3	5.5	0.002	0.09	0.12	36.6	1	<0.2	230	<0.05	<0.05	0.05	0.518
F062173		106.5	60	1.0	6.3	<0.002	0.09	0.27	43.1	<1	0.2	159.5	<0.05	<0.05	0.14	0.328
F062174		73.0	40	1.1	7.0	<0.002	0.08	0.16	36.0	<1	0.2	241	<0.05	<0.05	0.06	0.408
F062175		47.0	30	1.6	0.8	0.002	0.03	0.54	22.8	<1	<0.2	252	<0.05	<0.05	0.03	0.097
F062176		53.3	30	2.1	2.1	0.002	0.04	0.48	17.9	<1	<0.2	232	<0.05	<0.05	0.04	0.080
F062177		29.4	200	4.9	27.9	<0.002	0.03	0.23	9.6	<1	1.0	125.0	0.73	<0.05	8.75	0.143
F062178		79.3	30	2.2	2.7	<0.002	0.02	0.68	16.6	1	0.2	238	<0.05	<0.05	0.15	0.076
F062179		62.9	30	2.9	8.0	<0.002	0.01	0.56	17.2	<1	0.3	218	0.20	<0.05	0.93	0.075
F062180		1.3	30	2.5	0.9	<0.002	<0.01	0.12	0.2	<1	<0.2	149.5	<0.05	<0.05	0.08	<0.005



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CERTIFICATE OF ANALYSIS TB22153965
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Sample Description	Method Analyte Units LOD	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
F062141		0.36	0.1	151	4.7	1.9	51	3.5
F062142		0.28	<0.1	326	14.6	2.4	58	3.5
F062143		0.72	0.2	95	10.9	2.9	84	9.5
F062144		0.51	<0.1	102	3.8	2.7	43	4.3
F062145		0.45	<0.1	111	3.4	2.3	74	4.5
F062146		0.50	<0.1	148	5.4	2.3	64	4.7
F062147		0.23	<0.1	276	4.4	1.7	74	3.4
F062148		0.44	3.5	15	6.4	6.2	6	126.0
F062149		0.40	2.0	81	6.0	4.6	26	70.7
F062150		0.08	0.2	3	0.2	0.3	14	1.1
F062151		0.44	1.9	147	6.9	4.8	32	48.3
F062152		0.35	0.1	282	1.7	2.5	69	4.8
F062153		0.42	1.7	22	4.1	11.8	19	179.5
F062154		0.48	1.6	24	5.9	11.4	17	184.0
F062155		0.34	1.9	35	3.2	11.8	25	164.0
F062156		0.69	<0.1	232	0.6	1.0	36	3.1
F062157		0.47	1.1	310	9.7	3.5	52	27.1
F062158		0.10	<0.1	274	0.4	2.7	51	3.1
F062159		0.02	<0.1	399	0.5	2.6	51	3.2
F062160		0.03	<0.1	401	0.5	2.6	51	3.0
F062161		0.04	0.3	446	0.5	2.7	50	3.2
F062162		0.10	0.5	127	0.3	13.0	63	93.8
F062163		0.06	0.1	455	0.3	2.6	55	5.4
F062164		0.05	<0.1	444	0.1	2.5	54	5.1
F062165		0.06	0.2	365	0.2	2.6	47	7.4
F062166		0.04	0.2	373	0.2	2.4	47	7.1
F062167		0.04	<0.1	455	0.1	2.3	55	3.9
F062168		0.06	0.1	296	0.1	10.1	92	12.9
F062169		0.12	0.1	290	0.1	9.6	95	11.2
F062170		0.17	1.2	36	19.1	18.5	46	65.2
F062171		0.13	<0.1	554	0.2	3.9	83	7.7
F062172		0.03	<0.1	400	0.1	4.9	67	8.9
F062173		0.03	0.1	275	0.2	6.4	67	8.5
F062174		0.05	<0.1	307	0.2	4.9	61	6.7
F062175		0.04	<0.1	76	0.2	2.6	46	4.5
F062176		0.07	<0.1	66	0.1	2.2	43	3.7
F062177		0.14	2.3	49	0.4	8.1	24	129.0
F062178		0.09	0.1	63	0.2	2.3	52	5.0
F062179		0.13	0.4	53	0.2	3.2	42	12.3
F062180		0.06	0.2	2	0.2	0.3	17	0.6



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**CERTIFICATE OF ANALYSIS TB22153965**

Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
F062181		2.94	0.001	<0.005	0.002	0.02	8.22	2.0	60	0.14	0.08	8.06	0.05	3.03	34.4	233
F062182		4.88	0.003	<0.005	<0.001	0.10	6.38	1.2	30	0.11	0.04	8.84	0.09	4.87	63.9	144
F062183		2.57	0.004	<0.005	0.002	0.06	8.67	2.0	40	0.08	0.05	8.43	0.07	1.61	34.3	1940
F062184		2.41	0.003	<0.005	0.002	0.01	9.01	1.1	70	0.07	0.03	8.97	0.04	1.55	26.4	2190
F062185		5.80	0.007	<0.005	0.005	0.01	9.15	2.2	60	0.12	0.06	8.70	0.04	2.05	28.5	1340
F062186		4.30	0.003	<0.005	<0.001	0.02	7.18	2.8	40	0.25	0.08	8.03	0.05	4.49	52.1	92
F062187		4.99	0.003	<0.005	<0.001	0.05	8.61	2.6	50	0.16	0.11	7.85	0.05	2.73	58.8	25
F062188		5.10	0.002	<0.005	<0.001	0.03	8.72	0.7	40	0.18	0.01	8.20	0.08	2.46	37.7	38
F062189		4.78	0.002	<0.005	<0.001	0.03	8.75	0.8	40	0.15	0.02	8.39	0.08	2.63	45.4	64
F062190		<0.02	0.002	<0.005	<0.001	0.03	8.61	0.9	40	0.13	0.02	8.24	0.07	2.67	44.7	64
F062191		4.94	0.001	<0.005	<0.001	0.02	8.24	0.6	40	0.19	0.01	8.03	0.09	3.89	39.8	56
F062192		4.78	0.001	<0.005	<0.001	0.02	8.81	0.4	40	0.13	0.01	8.28	0.08	2.58	43.0	118
F062193		4.46	0.002	<0.005	0.001	0.02	8.39	0.9	40	0.15	0.02	8.05	0.07	2.57	45.4	118
F062194		4.75	0.002	<0.005	<0.001	0.03	8.29	0.7	40	0.13	0.01	8.03	0.07	2.60	51.2	30
F062195		5.12	0.002	<0.005	<0.001	0.03	8.73	1.4	50	0.15	0.01	8.08	0.07	2.89	53.3	29
F062196		4.99	0.002	<0.005	<0.001	0.02	8.50	2.2	60	0.12	0.01	7.99	0.03	2.61	46.2	50
F062197		2.45	0.002	<0.005	<0.001	0.02	8.73	1.7	80	0.15	0.01	8.31	0.03	3.14	48.7	48
F062198		1.86	0.003	<0.005	<0.001	0.04	8.58	3.2	120	0.26	0.03	7.19	0.04	6.54	43.2	48
F062199		1.82	0.002	<0.005	<0.001	0.07	7.82	3.4	100	0.41	0.03	7.67	0.23	19.95	28.9	37
F062200		0.11	1.190	<0.005	0.003	66.7	6.33	50.4	260	1.22	2.45	1.95	17.20	30.2	21.5	122
F062301		1.04	0.006	<0.005	0.002	0.13	9.23	0.5	50	0.31	0.03	7.84	0.04	6.38	43.1	123
F062302		3.43	0.002	<0.005	0.002	0.02	9.53	0.6	190	0.13	0.05	8.37	0.04	3.30	23.5	543
F062303		4.68	0.002	<0.005	<0.001	0.02	6.97	1.0	320	1.03	0.02	2.42	0.13	49.9	6.7	19
F062304		5.67	0.002	<0.005	<0.001	0.02	6.01	0.9	60	0.26	0.05	7.51	0.06	12.55	47.3	74
F062305		1.63	0.002	0.009	0.009	0.03	8.11	1.3	160	0.23	0.04	6.74	<0.02	2.18	46.4	314
F062306		2.13	0.005	<0.005	0.002	0.03	7.20	0.9	210	0.17	0.03	6.83	0.03	1.90	33.6	195
F062307		3.50	0.004	<0.005	0.001	0.06	7.65	0.6	90	1.34	0.13	4.94	0.09	21.9	27.7	87
F062308		4.58	0.004	<0.005	0.001	0.08	7.55	1.6	110	2.54	0.16	5.32	0.10	19.20	34.7	110
F062309		2.55	0.004	<0.005	0.003	0.05	7.03	12.9	230	3.54	0.42	6.11	0.03	2.00	32.1	205
F062310		0.78	0.002	<0.005	<0.001	0.01	0.04	0.3	170	<0.05	0.02	19.30	0.08	0.60	0.5	1
F062311		2.68	0.003	<0.005	<0.001	0.03	6.37	1.2	90	4.58	0.81	1.21	0.07	11.20	1.3	7
F062312		1.11	0.004	<0.005	<0.001	0.03	9.01	6.2	550	1.57	0.05	5.51	0.08	8.94	19.1	51
F062313		3.12	0.002	<0.005	0.003	0.06	8.59	1.1	170	0.25	0.07	6.45	0.16	9.73	36.8	211
F062314		1.96	0.003	<0.005	<0.001	0.08	7.49	0.8	150	0.83	0.05	3.72	0.27	42.4	11.0	13
F062315		2.53	0.003	<0.005	<0.001	0.09	8.19	3.2	50	0.25	0.13	7.77	0.23	11.45	47.3	58
F062316		2.33	0.003	<0.005	0.005	0.08	7.62	1.3	180	1.00	0.11	5.47	0.10	18.85	32.8	147
F062317		2.38	0.025	<0.005	<0.001	0.14	7.35	1.7	170	6.33	0.63	2.63	0.06	11.35	6.4	140
F062318		1.80	0.003	<0.005	<0.001	0.04	6.78	1.9	60	5.39	0.71	0.65	0.04	9.80	0.9	7
F062319		2.02	0.002	<0.005	<0.001	0.20	7.15	1.8	130	1.74	0.09	3.74	0.11	24.1	12.8	105
F062320		<0.02	0.003	<0.005	<0.001	0.18	7.04	1.8	130	1.94	0.10	3.68	0.14	24.2	13.8	100



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**CERTIFICATE OF ANALYSIS TB22153965**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
F062181		0.42	19.2	4.67	14.20	0.09	0.2	0.033	0.16	1.4	18.0	3.75	976	0.13	1.35	0.8
F062182		0.61	88.4	9.58	14.65	0.07	0.3	0.059	0.10	1.9	9.5	5.44	1420	0.11	0.41	0.5
F062183		0.23	54.5	6.19	15.80	0.06	0.1	0.025	0.10	0.7	16.6	2.43	883	0.11	1.18	0.2
F062184		0.27	2.2	4.48	16.20	0.06	0.1	0.039	0.16	0.6	19.0	2.24	729	0.08	1.20	0.2
F062185		0.36	22.9	4.81	16.15	0.07	0.1	0.035	0.13	0.9	18.2	2.44	760	0.08	1.34	0.2
F062186		1.50	42.2	7.96	14.30	0.07	0.3	0.057	0.17	1.9	19.0	4.78	1245	0.13	0.93	0.4
F062187		1.47	90.7	8.79	18.20	0.07	0.2	0.047	0.15	1.3	12.4	3.38	1200	0.08	1.28	0.4
F062188		0.63	49.8	6.16	18.80	0.07	0.3	0.036	0.08	1.2	8.6	2.44	896	0.09	1.59	0.4
F062189		0.49	53.2	6.89	18.20	0.05	0.2	0.041	0.07	1.2	10.1	3.24	1125	0.10	1.53	0.4
F062190		0.50	53.4	6.78	18.20	0.08	0.3	0.045	0.07	1.2	10.0	3.21	1115	0.09	1.50	0.4
F062191		0.55	53.2	6.10	18.55	0.07	0.3	0.041	0.07	1.9	8.7	2.58	1030	0.10	1.63	0.7
F062192		1.20	52.2	6.43	16.20	0.07	0.3	0.041	0.11	1.2	8.0	3.77	1110	0.06	1.39	0.2
F062193		0.87	54.7	6.61	15.95	0.06	0.2	0.041	0.10	1.2	9.5	3.70	1150	0.08	1.43	0.3
F062194		0.90	74.3	8.27	19.20	0.07	0.2	0.045	0.10	1.2	9.2	2.82	1115	0.09	1.50	0.5
F062195		1.92	79.6	8.87	19.00	0.07	0.3	0.054	0.16	1.3	10.6	3.07	1100	0.09	1.42	0.4
F062196		1.68	60.0	7.52	18.25	0.07	0.3	0.039	0.21	1.2	14.7	2.91	1030	0.07	1.58	0.3
F062197		1.97	70.6	7.60	17.90	0.08	0.3	0.044	0.28	1.7	19.0	3.24	1185	0.07	1.45	0.3
F062198		1.92	51.3	7.24	17.85	0.07	0.2	0.036	0.45	3.4	26.9	2.96	1050	0.07	1.33	0.3
F062199		0.80	36.0	5.39	17.00	0.09	1.1	0.042	0.36	10.4	13.8	2.20	746	0.18	1.82	2.1
F062200		2.20	6960	5.05	17.15	0.10	0.8	0.226	2.24	13.7	13.4	1.98	716	264	1.61	8.1
F062301		0.64	175.5	7.54	16.50	0.06	0.6	0.028	0.16	3.3	17.0	3.67	929	0.10	0.87	1.0
F062302		0.53	26.7	4.12	14.40	0.05	0.2	0.021	0.51	2.2	18.9	2.49	673	0.05	1.07	0.5
F062303		1.13	9.5	1.54	16.05	0.08	4.0	0.017	0.84	25.6	7.5	0.52	187	0.27	3.38	9.3
F062304		1.61	40.8	7.60	11.80	0.06	0.9	0.043	0.22	5.9	10.8	5.35	1275	0.09	1.04	1.7
F062305		2.34	21.7	4.34	7.50	0.06	0.1	0.011	1.51	1.2	40.2	6.44	598	0.09	0.67	0.3
F062306		1.60	38.6	3.61	7.99	0.05	0.2	0.014	1.89	0.9	37.3	4.90	622	0.06	0.44	0.5
F062307		0.69	51.2	5.21	14.90	0.07	2.1	0.037	0.19	10.8	10.4	2.64	789	0.58	2.34	4.5
F062308		1.92	61.5	6.32	15.30	<0.05	1.7	0.038	0.45	8.9	17.8	3.25	943	0.23	1.93	4.1
F062309		4.49	39.2	3.93	8.88	0.07	0.2	0.017	2.74	1.1	44.0	4.90	846	0.12	0.24	1.4
F062310		0.47	1.6	0.07	0.10	0.06	<0.1	0.005	0.02	<0.5	9.0	12.40	378	0.06	0.02	<0.1
F062311		7.02	3.7	0.56	24.5	0.09	3.8	0.043	1.41	4.7	7.2	0.12	200	0.06	3.48	31.6
F062312		3.17	8.4	3.00	15.95	0.08	1.3	0.023	3.82	4.0	22.3	1.56	609	0.09	0.65	3.5
F062313		1.33	24.1	4.22	9.78	0.05	0.7	0.019	0.74	4.6	40.6	5.39	717	0.07	1.17	1.3
F062314		0.84	14.6	2.41	15.65	0.07	3.5	0.017	0.29	22.8	9.6	1.13	349	0.25	3.63	6.0
F062315		1.02	52.7	7.40	16.35	0.06	0.4	0.037	0.20	7.1	29.3	4.10	1120	0.07	0.85	0.7
F062316		2.21	21.4	4.22	11.80	0.05	1.5	0.021	0.88	10.4	29.2	4.09	704	0.05	1.48	3.5
F062317		4.90	11.9	1.19	20.6	0.07	3.3	0.031	1.92	4.5	14.2	0.90	287	0.12	2.84	21.2
F062318		6.94	6.2	0.55	24.3	0.07	3.9	0.039	2.24	4.1	6.6	0.09	197	0.17	3.69	30.5
F062319		1.33	11.2	2.35	12.90	0.07	3.0	0.015	0.55	12.4	13.8	1.96	390	0.07	2.59	7.8
F062320		1.41	12.6	2.32	14.35	0.07	3.0	0.016	0.54	12.2	14.4	1.90	380	0.07	2.58	8.5





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**CERTIFICATE OF ANALYSIS TB22153965**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F062181		91.7	20	2.0	1.3	<0.002	0.02	0.47	23.9	<1	0.3	225	0.11	<0.05	0.49	0.080
F062182		177.0	30	1.4	4.3	<0.002	0.16	0.57	45.7	1	0.2	162.5	0.05	<0.05	0.10	0.553
F062183		123.5	30	1.8	0.5	<0.002	0.06	0.95	17.3	<1	0.2	169.5	<0.05	<0.05	0.03	0.322
F062184		98.8	40	1.8	0.7	<0.002	0.01	1.13	13.4	<1	0.2	164.0	<0.05	<0.05	0.02	0.209
F062185		114.0	110	1.8	0.7	<0.002	0.01	0.82	14.0	<1	0.3	179.5	<0.05	<0.05	0.09	0.217
F062186		108.5	40	1.3	8.8	<0.002	0.10	0.25	39.4	1	0.5	183.0	0.06	<0.05	0.25	0.392
F062187		80.1	30	1.1	4.1	<0.002	0.16	0.19	31.1	1	0.3	238	<0.05	<0.05	0.06	0.675
F062188		74.1	40	1.8	0.6	<0.002	0.08	0.07	22.3	1	<0.2	256	0.05	<0.05	0.17	0.410
F062189		97.7	40	1.1	0.5	<0.002	0.08	0.07	28.6	1	0.2	241	<0.05	<0.05	0.07	0.410
F062190		96.8	40	1.3	0.5	<0.002	0.08	0.07	29.6	<1	0.2	236	<0.05	<0.05	0.07	0.407
F062191		76.5	40	1.5	0.4	<0.002	0.07	<0.05	24.1	1	0.2	262	0.11	<0.05	0.51	0.371
F062192		64.2	40	0.8	1.4	<0.002	0.08	<0.05	32.0	1	<0.2	213	<0.05	<0.05	0.07	0.270
F062193		55.0	30	1.1	1.2	<0.002	0.08	0.06	31.5	<1	<0.2	214	<0.05	<0.05	0.08	0.297
F062194		58.0	30	1.1	1.0	0.002	0.12	<0.05	30.1	1	0.2	243	<0.05	<0.05	0.05	0.727
F062195		75.7	30	1.0	3.5	0.002	0.13	<0.05	35.4	<1	0.2	226	<0.05	<0.05	0.05	0.767
F062196		64.4	30	1.0	3.5	0.002	0.11	0.09	31.0	1	<0.2	241	<0.05	<0.05	0.05	0.582
F062197		67.6	40	1.1	6.4	0.002	0.13	0.10	31.5	1	<0.2	244	<0.05	<0.05	0.05	0.582
F062198		63.3	30	1.8	9.1	<0.002	0.17	0.10	29.0	1	0.2	205	<0.05	<0.05	0.04	0.513
F062199		46.5	60	13.8	14.6	0.002	0.13	0.18	25.9	<1	0.5	221	0.33	<0.05	3.13	0.430
F062200		141.5	640	1465	81.7	0.119	2.34	136.0	8.0	5	4.8	351	0.50	0.43	4.93	0.227
F062301		148.5	40	2.5	3.7	0.002	0.12	0.22	28.7	<1	0.4	254	0.16	<0.05	0.90	0.551
F062302		123.5	80	1.8	3.2	<0.002	0.01	0.14	12.4	<1	0.5	160.0	0.06	<0.05	0.15	0.103
F062303		12.0	250	6.2	28.8	<0.002	0.02	0.07	4.0	<1	1.2	109.5	1.04	<0.05	11.30	0.145
F062304		117.5	50	1.6	11.8	<0.002	0.03	0.15	46.4	<1	0.4	133.0	0.22	<0.05	1.84	0.294
F062305		313	40	0.9	42.4	<0.002	0.09	0.07	14.2	<1	0.3	40.2	0.06	<0.05	0.52	0.048
F062306		229	50	1.5	26.4	<0.002	0.03	0.06	8.9	<1	0.2	70.9	0.06	<0.05	0.23	0.051
F062307		76.9	330	4.9	3.9	<0.002	0.04	0.14	16.6	<1	0.9	199.5	0.54	<0.05	4.45	0.320
F062308		107.0	390	3.4	18.1	<0.002	0.06	0.20	19.8	<1	0.9	158.5	0.42	<0.05	3.31	0.397
F062309		223	40	1.5	57.9	<0.002	<0.01	0.20	9.9	<1	1.3	34.5	0.28	<0.05	0.30	0.044
F062310		0.8	30	1.7	0.8	<0.002	<0.01	0.11	<0.1	<1	<0.2	140.5	<0.05	<0.05	0.05	<0.005
F062311		3.7	30	8.3	129.0	<0.002	<0.01	0.12	3.7	<1	10.9	42.9	6.62	<0.05	12.15	0.013
F062312		20.8	80	1.6	92.9	<0.002	0.01	0.20	9.8	<1	1.7	41.0	0.50	<0.05	2.19	0.138
F062313		228	80	2.6	13.1	<0.002	0.03	0.20	13.6	<1	0.3	146.0	0.14	<0.05	1.22	0.083
F062314		19.6	200	6.5	10.2	<0.002	0.01	0.10	8.9	<1	1.1	188.5	0.70	<0.05	9.99	0.185
F062315		90.9	40	2.6	7.4	<0.002	0.09	0.27	31.3	<1	0.5	252	0.06	<0.05	0.57	0.447
F062316		156.5	100	4.8	31.5	<0.002	0.02	0.19	14.4	<1	0.8	109.0	0.46	<0.05	3.51	0.147
F062317		34.8	80	8.1	120.0	<0.002	<0.01	0.12	5.1	<1	6.2	61.9	4.18	<0.05	9.53	0.049
F062318		1.5	40	15.7	163.0	<0.002	<0.01	0.09	3.1	<1	9.1	32.1	6.51	<0.05	13.30	0.009
F062319		54.4	160	9.4	18.7	<0.002	0.01	0.17	8.9	<1	1.2	126.0	1.33	<0.05	8.86	0.112
F062320		57.2	150	9.6	18.2	<0.002	<0.01	0.18	9.6	<1	1.3	132.0	1.38	<0.05	8.82	0.113



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**CERTIFICATE OF ANALYSIS TB22153965**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F062181		0.03	0.2	67	0.2	3.1	48	5.6
F062182		0.04	<0.1	530	0.2	7.0	64	8.8
F062183		0.03	<0.1	331	0.3	3.0	98	3.9
F062184		0.05	<0.1	261	0.3	2.5	104	3.9
F062185		0.04	<0.1	223	0.5	2.8	80	4.2
F062186		0.06	0.1	325	0.5	6.3	70	8.5
F062187		0.07	<0.1	527	0.3	3.9	63	7.6
F062188		0.03	0.1	314	0.1	3.0	49	7.7
F062189		0.02	<0.1	322	0.1	3.7	60	7.7
F062190		0.02	<0.1	312	0.1	3.7	59	7.9
F062191		0.02	0.2	283	0.1	3.5	57	9.2
F062192		0.04	<0.1	207	<0.1	4.0	61	8.5
F062193		0.04	<0.1	221	0.1	3.8	62	7.0
F062194		0.05	<0.1	491	0.1	3.6	72	6.7
F062195		0.06	<0.1	537	<0.1	4.5	68	8.0
F062196		0.09	<0.1	399	0.1	4.0	58	7.6
F062197		0.12	<0.1	412	0.1	4.2	52	7.7
F062198		0.16	0.1	376	0.2	3.9	47	5.4
F062199		0.11	1.8	307	0.7	7.5	36	41.8
F062200		1.49	1.9	98	11.0	11.1	3120	29.6
F062301		0.07	0.3	500	0.8	4.4	49	18.2
F062302		0.11	0.1	81	0.1	2.6	54	6.2
F062303		0.12	3.4	30	0.3	10.8	20	158.0
F062304		0.06	0.8	265	0.3	8.6	64	29.4
F062305		0.34	0.3	43	0.8	1.6	48	3.9
F062306		0.47	0.1	41	0.3	1.2	50	6.5
F062307		0.06	1.8	120	0.4	9.4	52	70.0
F062308		0.17	1.0	150	0.8	10.8	64	61.9
F062309		0.74	0.5	38	0.9	6.2	75	4.6
F062310		0.06	0.2	3	0.1	0.3	25	0.5
F062311		0.43	7.0	5	1.1	53.8	12	50.1
F062312		0.71	0.8	86	1.9	10.6	20	42.9
F062313		0.16	0.6	50	0.5	2.6	66	25.5
F062314		0.07	3.2	69	0.9	7.8	21	127.0
F062315		0.07	0.3	380	0.9	4.9	73	11.6
F062316		0.23	1.4	92	0.8	6.8	72	51.8
F062317		0.50	2.0	15	1.2	29.9	36	68.9
F062318		0.57	4.0	2	0.8	58.2	18	49.7
F062319		0.16	1.3	35	0.6	10.6	46	96.9
F062320		0.15	1.3	35	0.6	11.3	44	103.0



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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP24	PGM-ICP24	PGM-ICP24	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt.	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
		kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
F062321		2.28	0.003	<0.005	0.002	0.61	8.78	1.8	140	6.60	0.34	7.42	0.14	10.50	38.3	165
F062322		2.46	0.002	<0.005	<0.001	0.15	6.99	1.2	60	5.93	1.16	1.24	0.14	9.68	4.2	11
F062323		2.40	0.004	<0.005	<0.001	0.09	6.61	1.5	70	4.77	0.46	0.90	0.06	11.50	0.8	8
F062324		2.49	0.002	<0.005	<0.001	0.08	6.79	1.0	60	4.84	0.83	0.87	0.13	11.50	0.9	5
F062325		4.27	0.002	<0.005	<0.001	0.06	7.36	1.1	210	2.08	0.07	4.27	0.10	21.6	19.9	53
F062326		4.65	0.002	<0.005	<0.001	0.03	7.27	2.9	280	1.12	0.07	4.03	0.05	27.6	17.4	76
F062327		3.49	0.002	<0.005	<0.001	0.03	7.22	2.9	340	1.08	0.04	3.42	0.02	35.3	14.2	27
F062328		3.51	0.003	<0.005	<0.001	0.08	9.10	3.3	120	0.18	0.10	7.64	0.03	4.35	42.5	14

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



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	Method Analyte Units LOD	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1
F062321		3.16	30.9	5.42	11.55	0.06	0.6	0.032	0.74	4.9	24.5	4.81	962	0.31	0.94	1.9
F062322		9.69	12.2	1.19	25.1	0.07	3.8	0.043	1.72	4.1	10.9	0.43	304	0.36	3.24	28.7
F062323		5.32	6.4	0.53	24.0	0.06	3.7	0.027	1.85	4.7	9.5	0.10	154	0.06	3.51	30.8
F062324		7.70	7.6	0.57	26.4	0.07	4.2	0.045	1.80	4.8	9.9	0.06	186	0.10	3.67	32.8
F062325		3.08	21.6	3.41	14.45	0.07	2.4	0.024	1.01	11.0	17.2	2.01	566	0.23	2.17	5.5
F062326		3.06	13.0	2.61	14.25	0.07	2.8	0.018	1.22	13.4	12.5	1.94	450	0.16	2.33	6.4
F062327		4.10	25.6	2.90	15.20	0.08	3.0	0.020	1.19	18.7	13.4	1.10	402	0.30	2.54	7.4
F062328		10.40	86.7	7.43	16.50	0.05	0.3	0.033	0.86	2.8	14.4	2.58	938	0.11	1.39	0.6



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 www.alsglobal.com/geochemistry

To: NORTHERN DOMINION METALS/CROSS RIVER  
 VENTURE  
 1430-800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

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 Total # Pages: 5 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 23-JUN-2022  
 Account: NDMCDEZG

Project: McVicar

CERTIFICATE OF ANALYSIS TB22153965
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Sample Description	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method Analyte Units LOD	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F062321	187.5	100	8.4	25.7	<0.002	0.07	0.40	19.8	<1	1.2	160.0	0.30	<0.05	1.22	0.205
F062322	9.9	40	12.4	143.0	<0.002	0.01	0.11	5.1	<1	10.9	34.6	6.40	<0.05	12.55	0.047
F062323	2.0	30	11.4	136.0	<0.002	<0.01	0.11	3.0	<1	8.2	36.4	6.58	<0.05	13.10	0.008
F062324	1.1	30	11.5	161.0	<0.002	0.01	0.13	3.2	<1	11.4	38.5	7.40	<0.05	14.10	0.009
F062325	59.2	170	5.7	32.8	<0.002	0.02	0.24	10.6	<1	1.7	138.5	0.77	<0.05	5.13	0.163
F062326	59.3	130	6.0	39.5	<0.002	0.02	0.14	9.8	<1	1.3	143.0	1.21	<0.05	5.96	0.118
F062327	25.6	210	6.2	57.1	<0.002	0.03	0.10	8.5	<1	1.7	140.0	1.03	<0.05	8.62	0.226
F062328	37.7	40	1.8	29.5	<0.002	0.09	0.21	23.8	<1	0.8	255	0.06	<0.05	0.25	0.629

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



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**CERTIFICATE OF ANALYSIS TB22153965**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Tl	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
F062321		0.34	0.6	147	1.7	8.3	71	22.9
F062322		0.52	3.6	29	0.9	53.2	35	49.7
F062323		0.46	4.7	1	0.9	48.2	16	49.0
F062324		0.53	9.2	2	0.9	59.3	21	58.2
F062325		0.35	2.0	74	0.5	8.0	51	81.8
F062326		0.34	2.7	53	0.5	8.0	30	94.6
F062327		0.33	3.0	101	0.4	9.3	21	104.0
F062328		0.65	0.1	509	0.2	2.6	48	7.8



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 VANCOUVER BC V6C 2V6

Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 23-JUN-2022  
 Account: NDMCDEZG

Project: McVicar

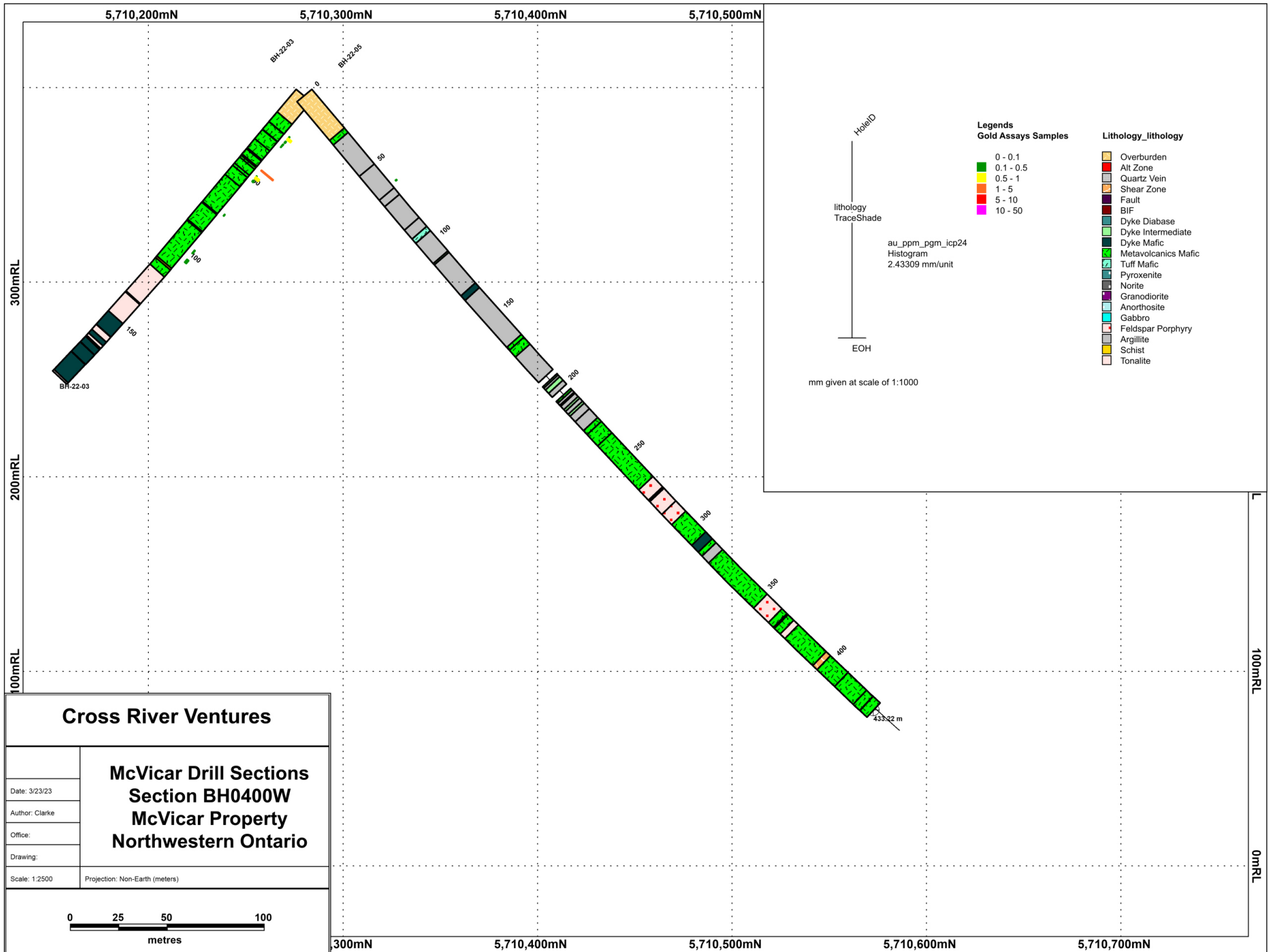
**CERTIFICATE OF ANALYSIS TB22153965**

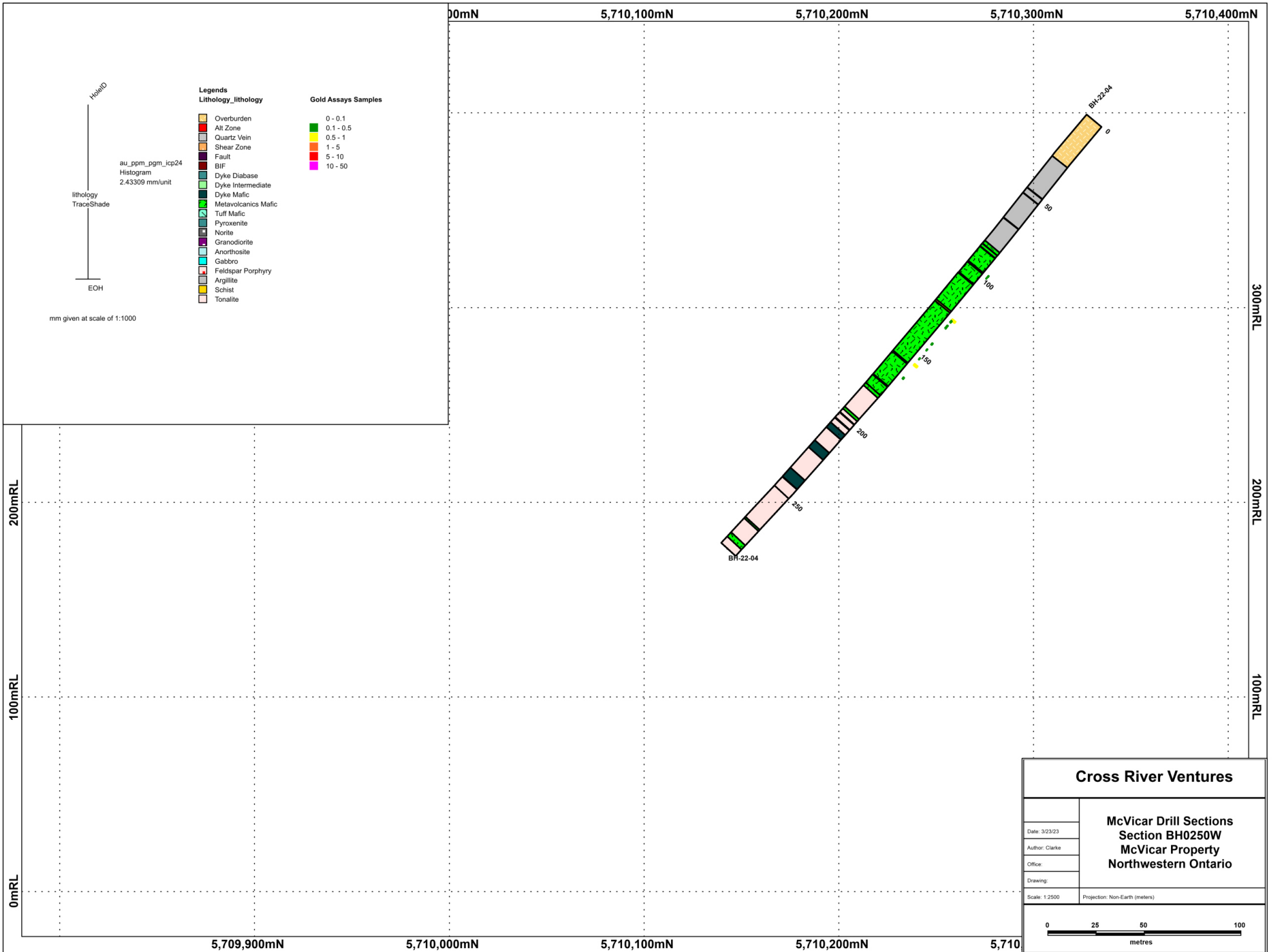
	<b>CERTIFICATE COMMENTS</b>															
Applies to Method:	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method.            ME-MS61</p>															
Applies to Method:	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> <td style="width: 15%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21		LOG-21d	LOG-23	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21		LOG-21d												
LOG-23	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.            ME-MS61 PGM-ICP24</p>															

# APPENDIX F: EXPENSE RECEIPTS



# APPENDIX G: DRILLHOLE SECTIONS





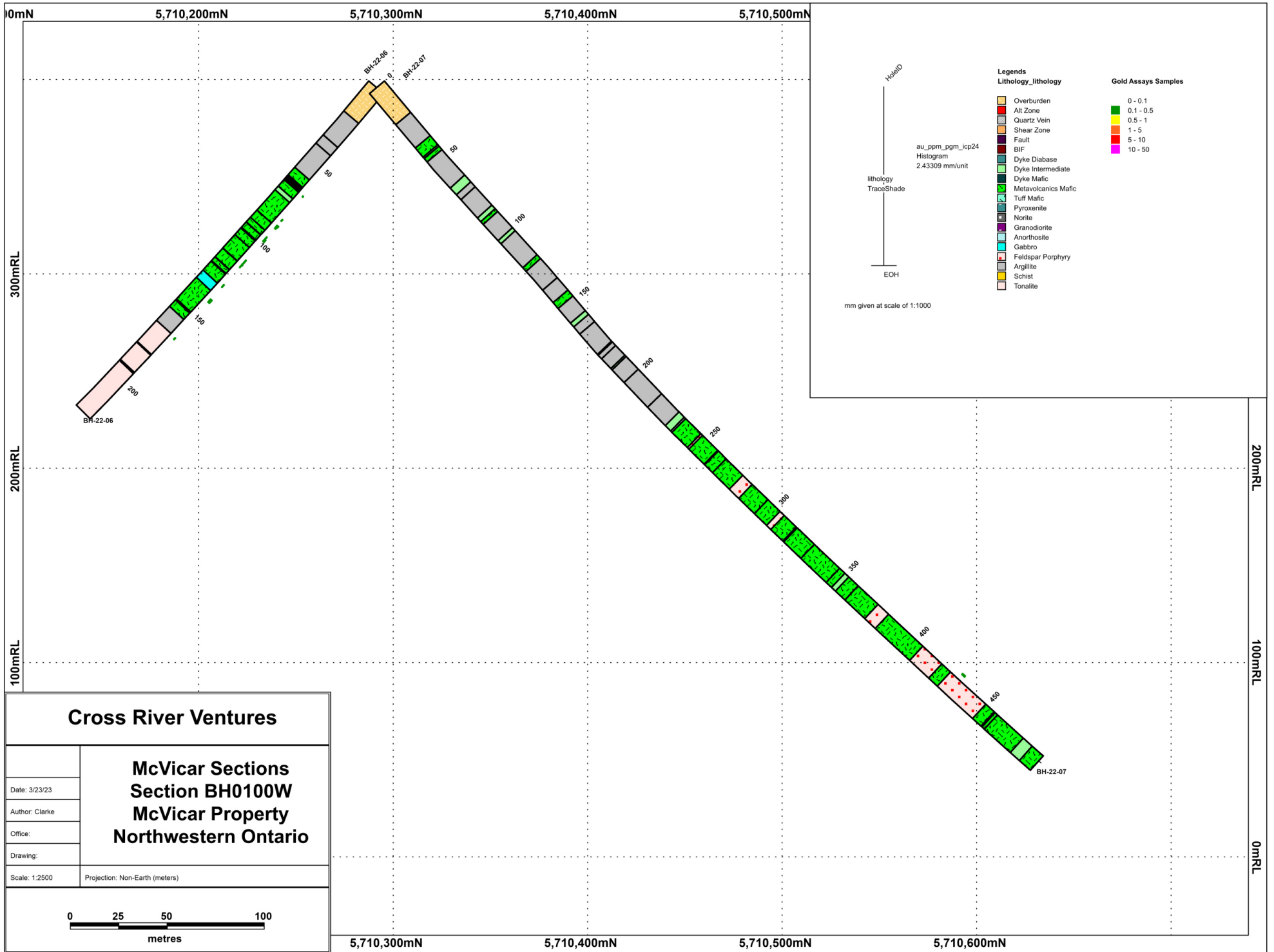
**Cross River Ventures**

**McVicar Drill Sections  
 Section BH0250W  
 McVicar Property  
 Northwestern Ontario**

Date: 3/23/23  
 Author: Clarke  
 Office:  
 Drawing:

Scale: 1:2500

Projection: Non-Earth (meters)



●BH-22-08

5,709,800mN

5,709,900mN

5,710,000mN

5,710,100mN

5,710,200mN

5,710,300mN

5,710,400mN

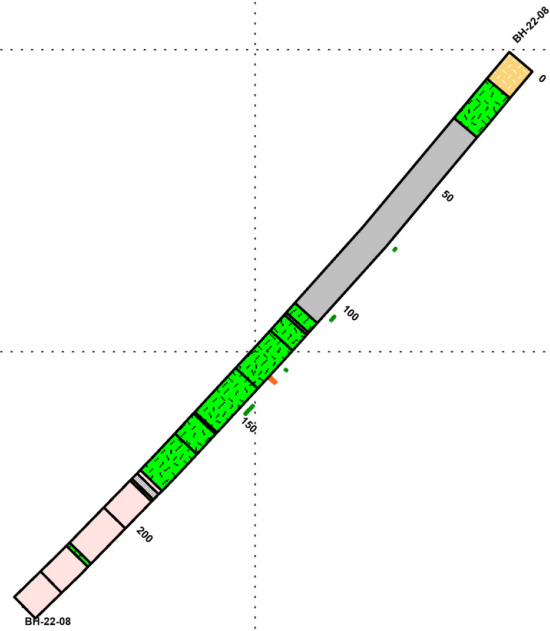
300mRL

RL

300mRL

200mRL

100mRL



**Legends**

**Gold Assays Samples**



**Lithology\_lithology**

- Overburden
- All Zone
- Quartz Vein
- Shear Zone
- Fault
- BIF
- Dyke Diabase
- Dyke Intermediate
- Dyke Mafic
- Metavolcanics Mafic
- Tuff Mafic
- Pyroxenite
- Norite
- Granodiorite
- Anorthosite
- Gabbro
- Feldspar Porphyry
- Argillite
- Schist
- Tonalite

North

lithology  
TraceShade

au\_ppm\_pgm\_icp24  
Histogram  
2.43309 mm/unit

EOH

**Cross River Ventures Corp.**

M. M. D. W. G. et al.