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2022 ASSESSMENT REPORT

ON THE

# **MCVICAR GOLD PROJECT – ALTERED 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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## 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.
- 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. **This report will focus on the Altered Zone portion of the drill program. A complimentary report will focus on the Bear Head Zone drilling.**

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 Altered Zone portion of the drill program, and all expenditures and technical details will be presented as such. Figure 3 shows claims and drillplan map for the Altered Zone.

The 2022 diamond drill program was successful at confirming the presence of high-grade gold at the historic Altered Zone target area, however further investigation and modeling are recommended to understand the controls on gold mineralization and potential for continuity of mineralization across the Altered Zone structure.

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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 Altered Zone target drilling, while the other report will focus on the Bear Head 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 Altered Zone component of the drill program is considered to account for 34% 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.

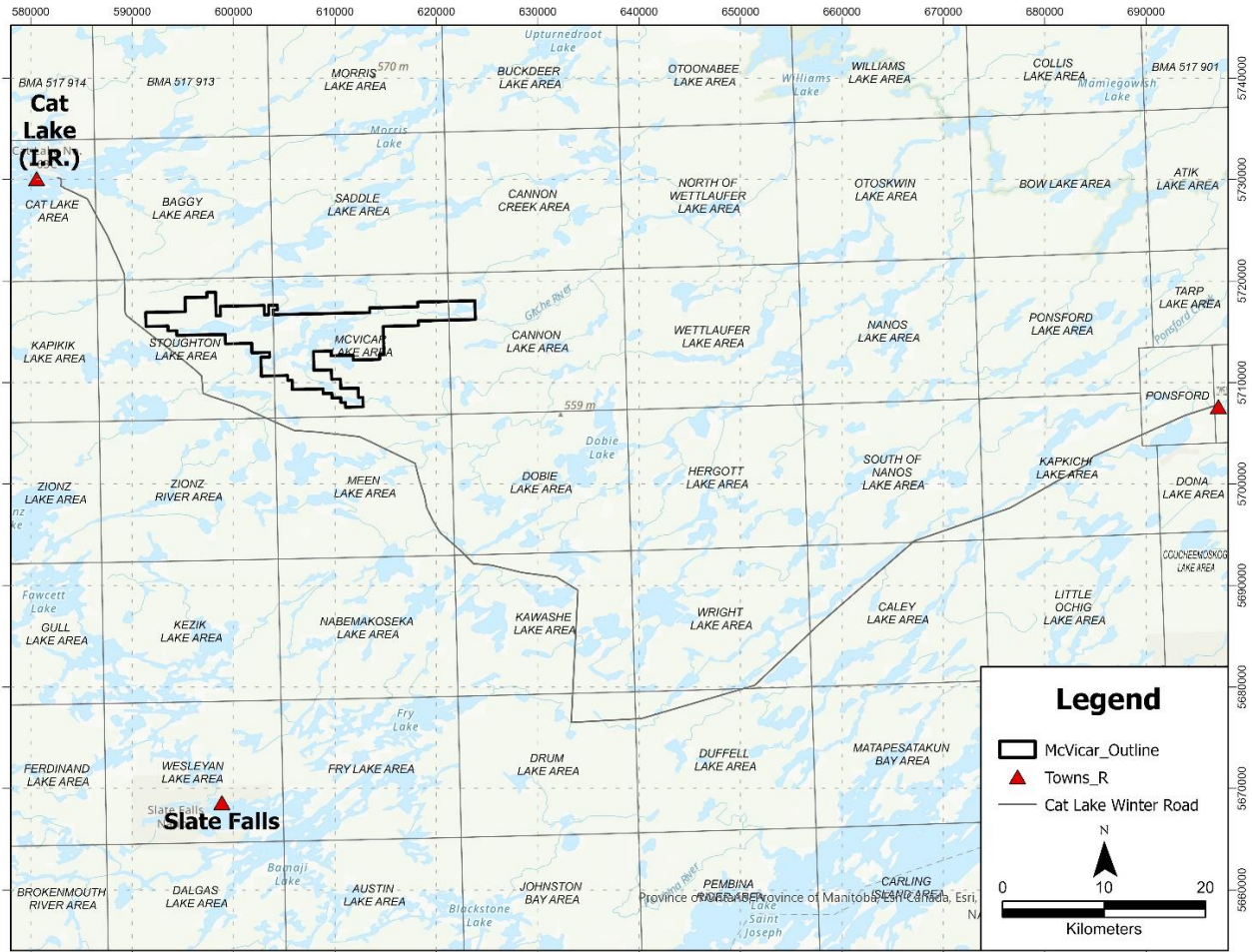


Figure 1: McVicar Property location and access along the Cat Lake Winter Road.

## 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.

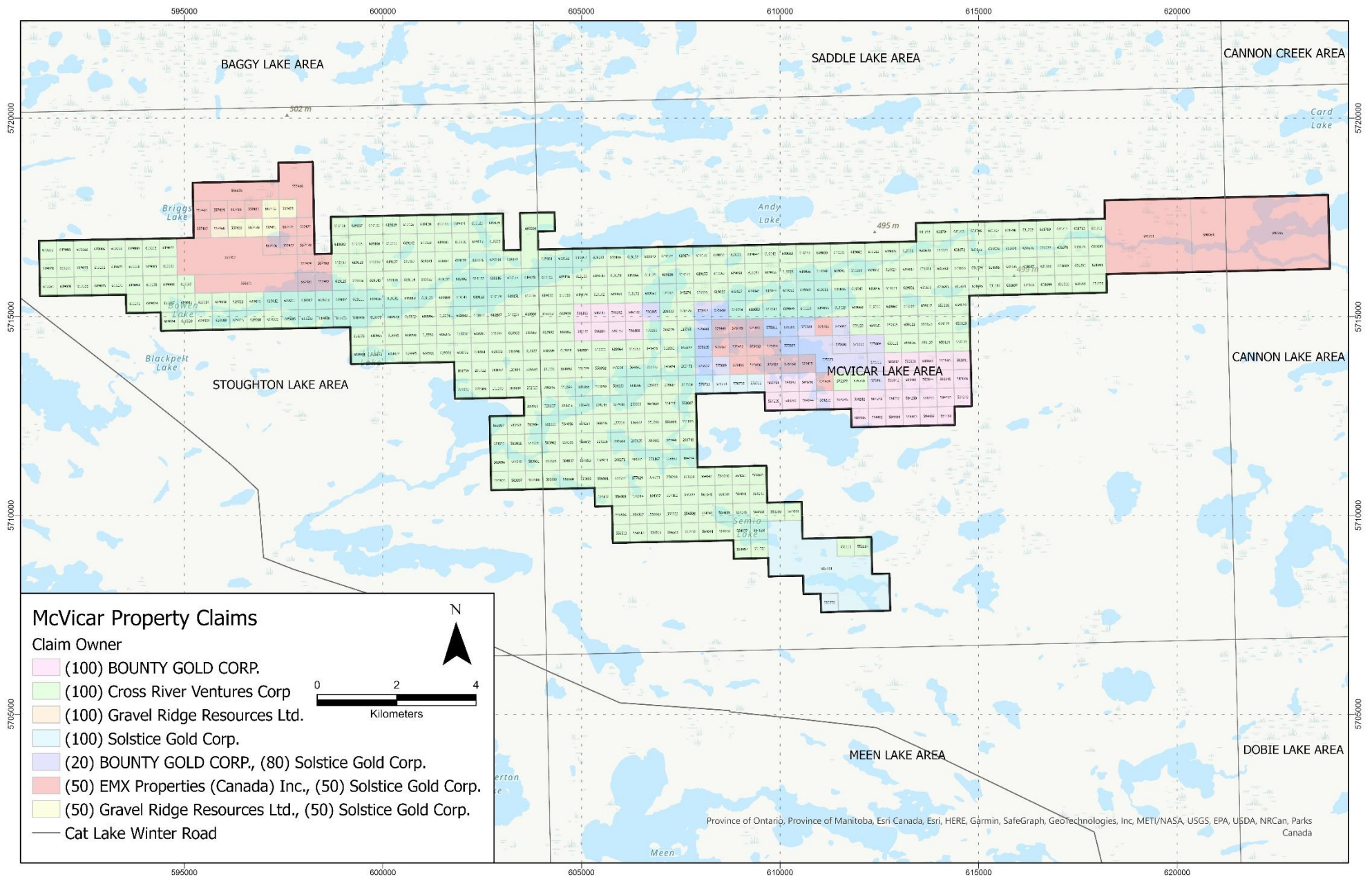


Figure 2: Claim tenure and ownership for the McVicar Property. All claims are controlled by Cross River Ventures Corp. through ownership or option agreements.

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.

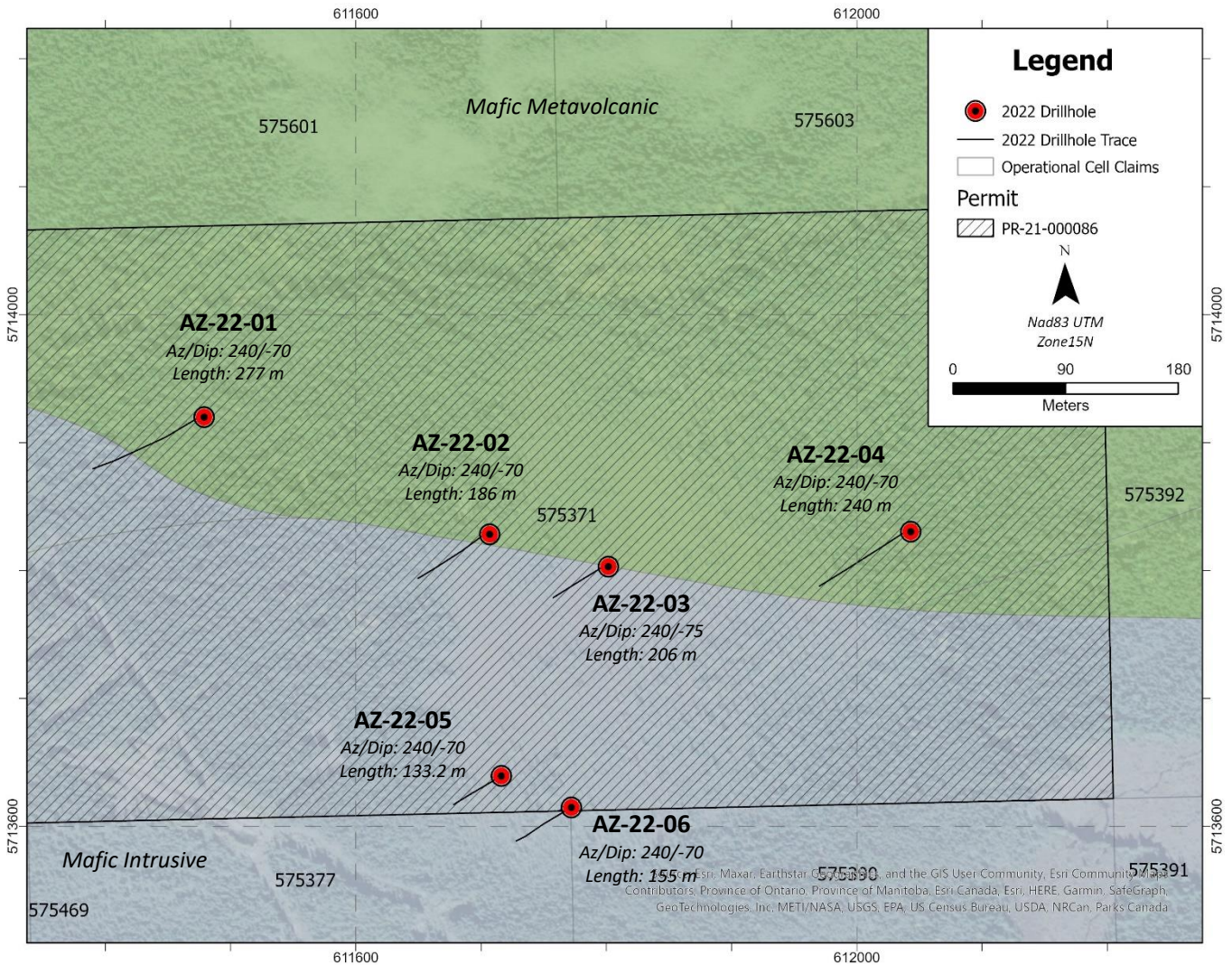


Figure 3: Drilling at the Altered Zone target; 2022 drillholes.



## 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

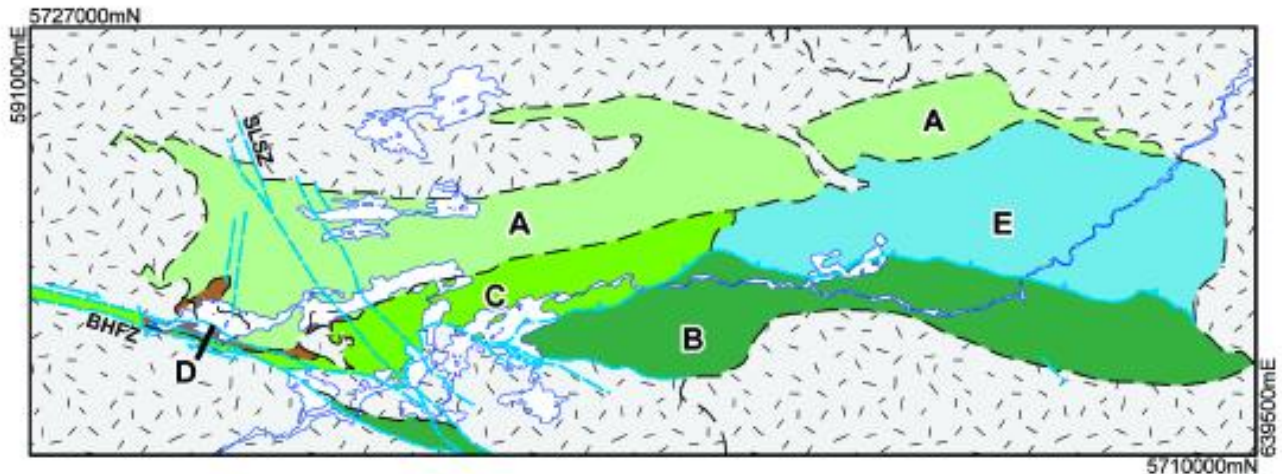


Figure 4: Illustration of the supracrustal depositional packages described herein. Abbreviations: BHFZ, Bear Head Fault Zone; SLSZ, Saddle Lake Shear Zone. After Magnus, 2014.

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.

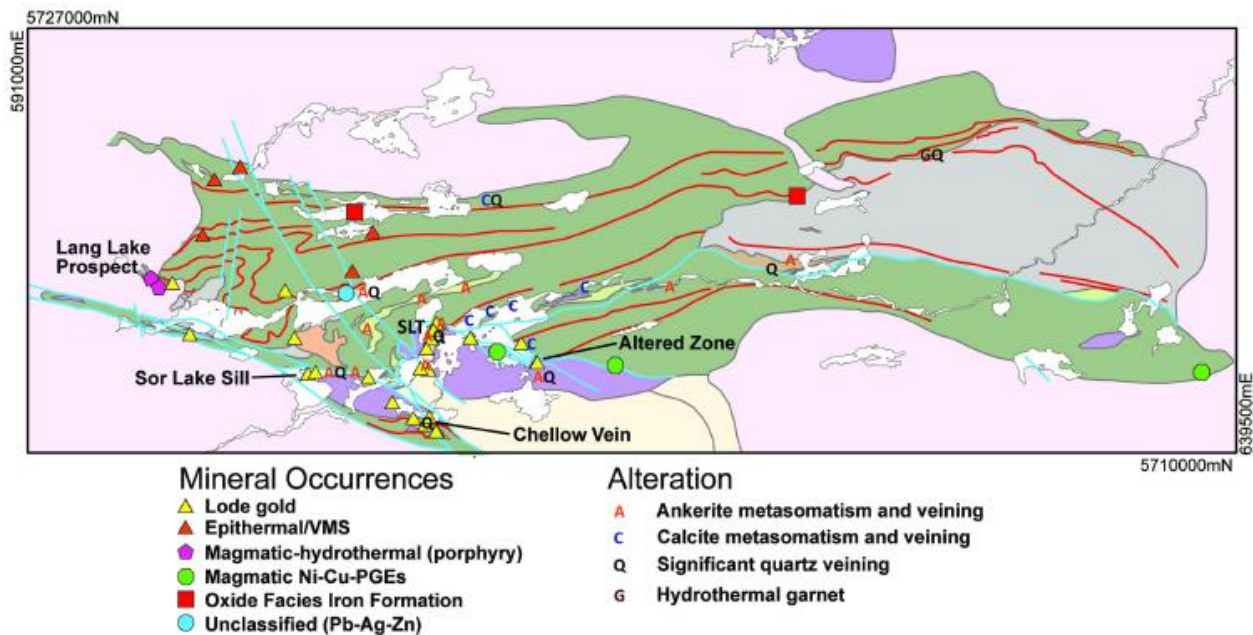


Figure 5: Mineral Occurrences in the Lang Lake Greenstone Belt. After Magnus, 2014.

## 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.

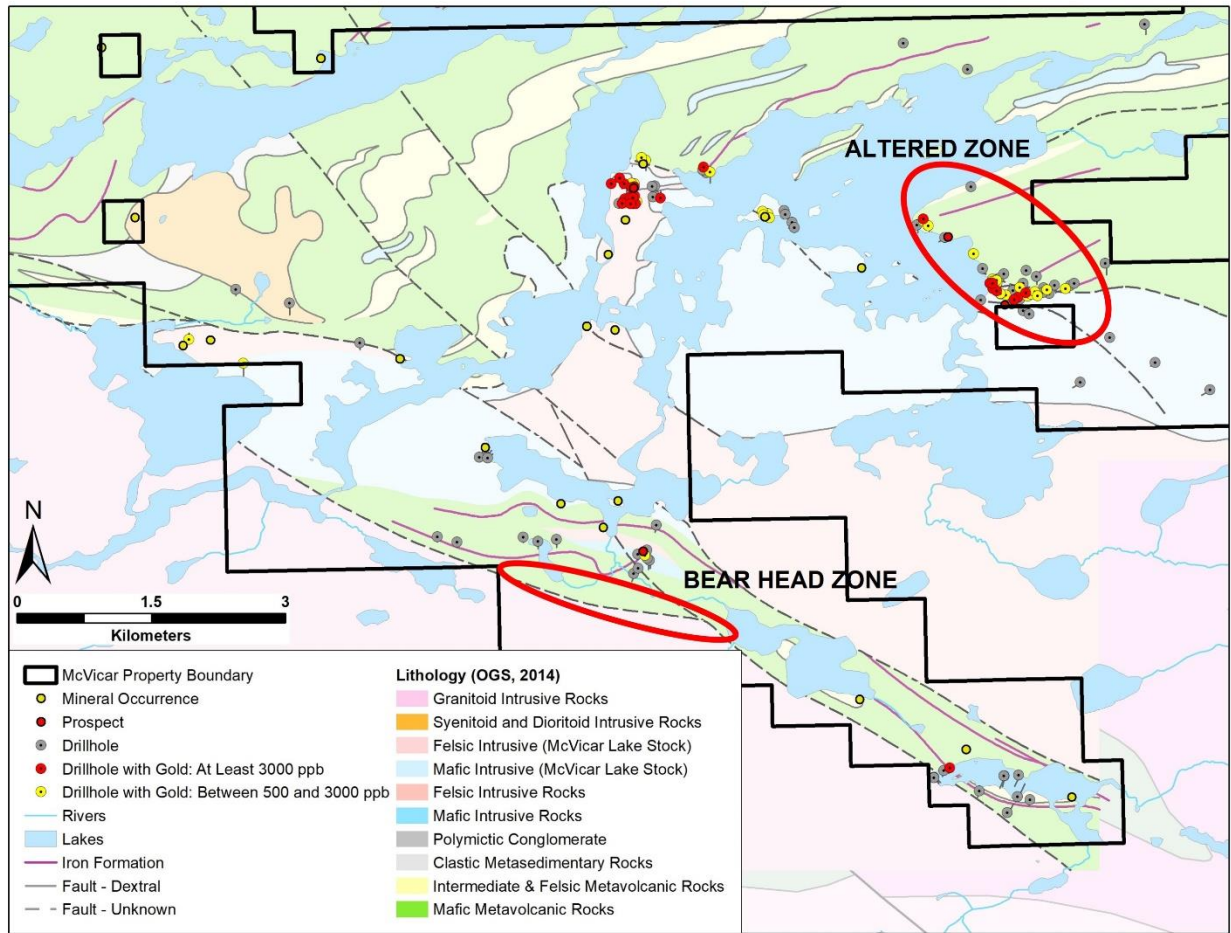


Figure 6: Main exploration targets on the McVicar Property.

## 2022 EXPLORATION PROGRAM – ALTERED ZONE

### PURPOSE

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

- To complete ~2500m of NQ diamond drilling in the Altered Zone and North Flexure Zone gold trend. Ten drillholes were planned to test the down-plunge and along-strike extension of the Altered Zone gold structure and mineralization tested by BHP from the late 1970s to early 1990s.

### LOGISTICS, PERSONNEL, AND TIMELINE

The drill program was executed on permitted claims, under Instruments PR-21-000086.

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. The program fell short of the ~2500m goal due to weather related delays in start-up and mobilization.

### EXPENDITURES

The tabulated cost of the 2022 Altered Zone diamond drill program was approximately \$929,306.99. This accounts for 34% 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 Altered Zone target. NOTE: Total expenditures include drilling at the Bear Head 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>
<b>Total Expenditures</b>					<b>\$ 2,733,255.86</b>
<b>Altered Zone Portion</b>	<i>(accounts for 34% of total)</i>			<b>\$</b>	<b>929,306.99</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 1192.20m meters of drilling was completed in 6 NQ size diamond drillholes at the Altered 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 6 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 (AZ for Altered 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 Altered Zone were analyzed for gold plus platinum and palladium using ALS code PGM-ICP24. 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 PGM-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 – ALTERED 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. *Results from Bear Head Zone drilling can be found in supplementary assessment report.*
- 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.

The Altered Zone was tested with 6 drillholes (AZ-22-01 to AZ-22-06) and 1192.20m of diamond drilling. Drillhole Collar locations are provided in Figure 3, and Table 2. Three of the six holes encountered gold mineralization with >0.25 g/t gold in samples. Cross-sections for each drillhole can be found in Appendix G.

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

Table 2: Collar locations and information for the 2022 Altered Zone drillholes.

2022 Drill Hole Collars Summary Table							
Name	Easting	Northing	Azimuth	Dip	Total Depth (m)	# of Samples	# of Assays
AZ-22-01	611479	5713920	240	-70	272	134	134
AZ-22-02	611707	5713828	240	-70	186	85	85
AZ-22-03	611802	5713803	240	-75	206	96	96
AZ-22-04	612043	5713830	240	-70	240	132	132
AZ-22-05	611716	5713639	240	-70	133.2	74	74
AZ-22-06	611771	5713614	240	-70	155	116	116

## DRILLHOLE SUMMARIES

### **AZ-22-01 (Az: 240°, Dip: -70°)**

AZ-22-01 is the westernmost hole drilled in the Altered Zone and is designed to test the NW-SE trending, north-east dipping Altered Zone structure, down-plunge of mineralization encountered in 1986-1992 by BHP, including ML-86-02 which intersected 2.75m of 5.0 g/t gold. The hole cut 6.4m of overburden before intersecting interbedded mafic metavolcanic rocks and banded iron formation to 97.32m depth. From 97.32m to EOH at 272m, the hole cut gabbro, norite and anorthosite intervals with. The Altered Zone structure was intercepted from 102.85-104.90m and contained minor qtz+carb veining in a sheared gabbro, with minor pyrite and minor fuchsite alteration.

### **AZ-22-02 (Az: 240°, Dip: -70°)**

AZ-22-02 was collared south east of AZ-22-01 and designed to test the Altered Zone structure down-plunge of mineralization encountered in BHP hole ML-86-04 which intersected 1.2 g/t Au over 1m in the altered zone structure. The hole cut 4m of overburden before intersecting mafic metavolcanic and mafic tuffs down to 70.69m depth. Gabbro and norite were then encountered to EOH at 186m, with the Altered Zone structure observed from 113.78 – 118.89m. This interval consists of sheared, brecciated gabbro with pervasive carbonate, chlorite and fuchsite alteration and fine disseminated magnetite. No significant quartz veining was encountered.

### **AZ-22-03 (Az: 240°, Dip: -75°)**

AZ-22-03 was collared 100m south east of AZ-22-02 and designed to test the downplunge extension of the most notable mineralization previously drilled in the area, including BHP hole ML-87-27 which intersected 4.63m of 14.3 g/t gold. AZ-22-03 was collared 260m NE of ML-87-27. The hole cut 16.75m of overburden, followed by mafic metavolcanics with minor gabbro intervals down to 64.28m. From 64.28m to EOH at 206m, the hole cut gabbro and norite. The Altered Zone was intersected within the gabbro from 112.05 – 127.63m, and contained intensely sheared and altered gabbro wallrock with quartz+carb+fuchsite veins up to 1.52m wide. The best gold intercept from the 2022 drill program was in this Altered Zone intersection from 113 – 127.63 which averaged 0.55 g/t gold over 14.63m, including 4.15m of 1.42 g/t gold, and 0.56m of 4.02 g/t gold.

### **AZ-22-04 (Az: 240°, Dip: -70°)**

AZ-22-04 is the easternmost hole of the program and was collared 240m east of AZ-22-03, designed to test the down-plunge extension of mineralization encountered in 1986-1992 BHP drillholes. The hole cut 6m of overburden before intersecting mafic metavolcanic rocks down to 35.05m depth. A shearing contact then transitions the wallrock to gabbro and norite down to 223.66m, followed by granodiorite to EOH at 240m. The Altered Zone structure was encountered from 141.52 – 155.12m and consisted of intensely sheared and altered gabbroic wallrock with 5-6% quartz+carbonate+fuchsite veining, and an interval of granodiorite footwall from 155.12 – 172.06m. The highest grading sample from AZ-22-04 was taken from the footwall granodiorite, with 4.45 g/t gold over 1m.

#### **AZ-22-05 (Az: 240°, Dip: -70°)**

AZ-22-05 was drilled to the south of the main known Altered Zone drilling and designed to test the along-strike continuity of the zone near surface towards the south east. The hole cut 8.3m of overburden followed by gabbro, norite, and anorthosite down to 97.2m, and ending in granodiorite down to EOH at 133.2m. The Altered Zone structure was successfully intersected from 45.88 – 61.24m, and consists of moderately sheared and altered gabbro with minor to moderate quartz+carbonate veining, locally intense fuchsite and chlorite alteration. The hangingwall and footwall of the Altered Zone shearing consisted of mineralized norite with up to 5% net-textured sulfides (po>py>cpy). From 36.22 to 45.88m, this interval contained 0.12% copper and 0.19% Nickel mineralization.

#### **AZ-22-06 (Az: 240°, Dip: -70°)**

AZ-22-06 was drilled 50m south east of AZ-22-05 to continue testing the projected strike extension of the Altered Zone structure to the SSE. The hole cut 5m of overburden before intersecting gabbro, norite and anorthosite down to EOH at 155m. Intermittent intermediate dykes cut the wallrock throughout this interval. The Altered Zone structure was intersected from 32.2 – 45.23m and contained intensely sheared and brecciated wallrock with sericite+carbonate+chlorite+fuchsite alteration and up to 20% calcite+/-quartz veining. The best gold intercept was from 34-35m depth, at 1m of 0.2 g/t gold.

## DRILLING CONCLUSIONS

### ALTERED ZONE

Six drill holes at the Altered Zone target tested the gold grade and continuity along strike, down-dip and down-plunge of known gold mineralization delineated by BHP in the 70s to 90s. The 2022 program was designed to test continuity of high-grade gold shoots down plunge, as well as extend the Altered Zone structure along strike to the southeast.

The most significant results were returned from AZ-22-03 which intercepted 14.63m of 0.55 g/t Au, including 4.15m of 1.42 g/t Au hosted in sheared quartz veins within the strongly altered structural domain. While evidence of the Altered Zone structure was visible in each hole, the structure and associated alteration and mineralization appears to vary widely along strike and down-plunge. Further investigation is needed to determine how mineralization is distributed throughout the structure, and if it can be effectively targeted.

Sample intervals and assays are shown in Appendix D, with original ALS lab certificates shown in Appendix E.

Table 3: Significant assay results from the Altered Zone 2022 drill holes. Full results table can be found in Appendix D.

Significant Assay Results - Altered Zone									
Drill Hole ID	From (m)	To (m)	Length (m)	Au (g/t)	Pt (g/t)	Pd (g/t)	Ag (g/t)	Cu (ppm)	Ni (ppm)
AZ-22-01	209	216.3	7.3	0.031	0.044	0.206	0.609	1977	1115
AZ-22-01	258	259	1	0.34	0.005	0.0005	0.27	178.5	43.9
AZ-22-02	72	75	3	0.022	0.031	0.054	0.353	760	915
AZ-22-03	113	127.63	14.63	0.55	0.017	0.017	2.11	113	130
<i>incl.</i>	117.04	121.19	4.15	1.42	0.0025	0.0005	4.67	109	29.7
<i>incl.</i>	118	118.56	0.56	4.02	0.0025	0.0005	10.6	24.9	17.7
AZ-22-04	142.02	143	0.98	0.153	0.0025	0.005	0.34	349	168.5
AZ-22-04	149	151	2	0.17	0.0025	0.00125	0.355	44.1	90.45
AZ-22-04	156	158	2	0.191	0.0025	0.0005	0.325	56.1	2.95
AZ-22-04	160	161	1	4.45	0.0025	0.0005	0.07	17.2	2.9
AZ-22-05	36.22	45.88	9.66	0.021	0.048	0.3183	0.46	1210	1852
AZ-22-05	56.93	60.42	3.49	0.09	0.0043	0.004573	0.54	21.88	59.7
AZ-22-05	98	99	1	0.146	0.0025	0.0005	0.17	33.5	3.2
AZ-22-06	34	35	1	0.202	0.013	0.041	0.7	169.5	108
AZ-22-06	36	38	2	0.0895	0.0073	0.028	0.255	105.3	148.7
AZ-22-06	40	42	2	0.15	0.0059	0.0192	0.578	158.6	94.8
AZ-22-06	47.48	48.32	0.84	0.145	0.0025	0.0005	0.15	23	4.8

## 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 (*see supplementary assessment report for details on Bear Head Zone drilling*). 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).

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**

<b>Drill Hole ID</b>	<b>Depth (m)</b>	<b>Dip</b>	<b>Azimuth (measured)</b>	<b>Correction Factor</b>	<b>Azimuth (corrected)</b>	<b>Comments</b>
AZ-22-01	50	-70.23	242.79	-3.53	239.26	
AZ-22-01	101	-69.84	246.82	-3.53	243.29	
AZ-22-01	152	-70.09	248.86	-3.53	245.33	
AZ-22-01	203	-69.45	249.5	-3.53	245.97	
AZ-22-01	254	-69.6	252.4	-3.53	248.87	
AZ-22-01	272	-69.24	249.94	-3.53	246.41	
AZ-22-02	51	-70.02	239	-3.53	235.47	
AZ-22-02	102	-69.5	240.21	-3.53	236.68	
AZ-22-02	153	-70.2	241.94	-3.53	238.41	
AZ-22-02	186	-69.98	243.43	-3.53	239.9	
AZ-22-03	50	-75.49	242.18	-3.53	238.65	
AZ-22-03	101	-75.26	243.88	-3.53	240.35	
AZ-22-03	152	-74.94	234.9	-3.53	231.37	Bad reading - excluded
AZ-22-03	203	-74.85	242.42	-3.53	238.89	
AZ-22-04	102	-69.2	240.62	-3.53	237.09	
AZ-22-04	153	-68.55	242.08	-3.53	238.55	
AZ-22-04	204	-68.14	243.2	-3.53	239.67	
AZ-22-04	237	-68.4	242	-3.53	238.47	
AZ-22-05	50	-70.04	243.45	-3.53	239.92	
AZ-22-05	101	-69.82	241.7	-3.53	238.17	
AZ-22-05	131	-69.76	242	-3.53	238.47	
AZ-22-06	50	-69.4	242.48	-3.53	238.95	
AZ-22-06	101	-69.13	242.29	-3.53	238.76	
AZ-22-06	143	-69.36	241.19	-3.53	237.66	

# 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	Capped & Sealed	Total Depth (m)	Logging Completion Date	Logger
AZ-22-01	611479	5713920	NAD 1983 UTM Zone 15N	575371	240	-70	NQ	21-Mar-22	23-Mar-22	Major Drilling	6.40	Yes	Yes	272	2022-05-15	Jake Dove
AZ-22-02	611707	5713828	NAD 1983 UTM Zone 15N	575371	240	-70	NQ	24-Mar-22	26-Mar-22	Major Drilling	4.00	Yes	Yes	186	2022-05-24	Jake Dove
AZ-22-03	611802	5713803	NAD 1983 UTM Zone 15N	575371	240	-75	NQ	25-Mar-22	27-Mar-22	Major Drilling	16.75	Yes	Yes	206	2022-05-09	Jake Dove
AZ-22-04	612043	5713830	NAD 1983 UTM Zone 15N	575371	240	-70	NQ	27-Mar-22	30-Mar-22	Major Drilling	6.00	Yes	Yes	240	2022-05-30	Jake Dove
AZ-22-05	611716	5713639	NAD 1983 UTM Zone 15N	575371	240	-70	NQ	27-Mar-22	30-Mar-22	Major Drilling	8.30	Yes	Yes	133.2	2022-06-01	Jake Dove
AZ-22-06	611771	5713614	NAD 1983 UTM Zone 15N	575371	240	-70	NQ	30-Mar-22	01-Apr-22	Major Drilling	5.00	Yes	Yes	155	2022-06-03	Jake Dove

**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
AZ-22-01	0	6.4	6.4	OVB	
AZ-22-01	6.4	7.2	0.8	BIF	Dark black-grey-brown, thinly bedded magnetite-chert bif. Dom bedding orientation is 35-40 dtca. Isoclinal folding of bedding visible with fold axis at ~40 dtca. Visible offset of thin bedding along microfractures (contradicting kin
AZ-22-01	7.2	14.25	7.05	DIBS	Poor RQD at uct so unable to obtain reliable measurement. Moderately block core throughout entire unit. Uct is likely sbpl to BIF bedding at ~35 dtca. Dark grey/black, vfg-fg massive, somewhat fresh looking diabase dyke. Local
AZ-22-01	14.25	36.66	22.41	MFMV	Faulted uct at ~30 dtca with 1cm of gouge. Dark-medium grey, vfg-fg, locally vesicular basalt. Elevated qtz-calcite-chl stockwork veinlets/brx infill from 19.90-25m assoc with and underlying brittle fault. Wk-mod pch/fract cntl chl
AZ-22-01	36.66	37.16	0.5	BIF	Sharp uct/lct at 45 dtca. Dark black-grey-green bif mostly comprised of thinly bedded magnetite-chert bedding and thicker chl-rich beds. Isoclinal folding of magnetite-chert laminae visible with a shallower fold axis angle at 10-15
AZ-22-01	37.16	53.17	16.01	MFMV	Medium-light grey-lesser green, vfg-fg locally vesicular basalt. Wk-mod fract cntrl carb-chl alt. Tr str cntrl po-py. 3-4% mm-2cm scale cal-chl+/-rare qtz-tr po-py stringers with dom trend at 45 dtca.
AZ-22-01	53.17	53.81	0.64	BIF	As previous bif but contains unique, 1-6cm wide zones of hematite alt/replacement (?) of fragmented magnetite-rich bedding. Hematization is dark brown-red and appears to be associated with strong localized chloritization in s
AZ-22-01	53.81	97.31	43.5	MFMV	Dark-medium grey-green, vfg-fg massive mafic volcanics. Wk fract cntrl chl-carb alt. No fol. ~6% chaotic mm scale cal-chl+/-qtz-tr py-po stringers/fract fillings. Increased qtz-cal-chl stockwork veinlet frequency dh of 81m. Tr string
AZ-22-01	97.31	106.84	9.53	MT	Sharp uct at 70 dtca. Dark-medium green-grey-buff beige vfg-fg, thinly bedded mafic ash tuff with minor gabbroic domains. The thin tuff layers appear folded/crenulated in a chaotic matters, followed by a later brecciation and r
AZ-22-01	106.84	175.54	68.7	GAB	Sharp uct at 70 dtca. Medium grey-green, massive, mg gabbro. Wk perv/interstitial chl alt throughout unit. Wk-mod localized pch/fract cntrl hem alt over 1m incl. at uct. Wk-mod localized Na alt at uct. 2-3% mm scale cal-chl+/-tr
AZ-22-01	175.54	225.5	49.96	NORT	Gradual uct over 2cm. Dark grey-brown-black and lesser green, fg-rarely mg norite containing minor 3-40cm wide anorthosite xenoliths and xcut by one 12cm wide, pink, fg, magnetite-bearing felsic dyke at ~177.50m. Minor alte
AZ-22-01	225.5	239.6	14.1	ANOR	Gradual uct over 10cm. Light pale grey-locally dark grey/green, mg-cg, somewhat heterogeneous anorthosite containing abundant subhedral/rounded plag phenos, xcut by one minor diabase dyke. Wk int chl alt throughout unit.
AZ-22-01	239.6	243.6	4	DIBS	Sharp uct/lct at 40 dtca. Dark to medium grey/black massive, ~fresh diabase dyke. Could be healing flt. Mod pch/fract cntrl ank alt. Mod magnetism.
AZ-22-01	243.6	248.8	5.2	NORT	Dark green/grey, fg, massive norite. Mod perv chl alt. Strongly magnetic. No fol. Tr fract cntrl py.
AZ-22-01	250.65	259.5	8.85	NORT	As previous norite.
AZ-22-01	259.5	260	0.5	GRDR	Sharp uct/lct at 35 dtca. Light-medium beig, fg, massive feslic dyke containing visible qtz, fg biote and magnetite disseminations. No fol. No visible sulphides.
AZ-22-01	260	262.82	2.82	ANOR	As previous anorthosite. Tr localized blb po-mt.
AZ-22-01	262.82	272	9.18	NORT	Sharp uct at 85 dtca. Dark grey/black-faint brown and lesser green, fg, massive norite. Vwk int chl alt. No fol. Mod-strongly magnetic.
AZ-22-02	0	4	4	OVB	
AZ-22-02	4	55.7	51.7	MFMV	MFMV: Dark green-lesser grey, vfg-fg massive mafic volcanics with local flow selvages visible. Minor, narrow magnetic bif from 17.07-17.17m oriented at ~40 dtca, containing abundant fract cntrl po>cpy-py and lesser diss/blb po. Sulphides are ho
AZ-22-02	55.7	63.03	7.33	MT	MT:Sharp uct at 65 dtca with contact aureole likely assoc with overlying flow (only at uct). Dark grey-green to locally buff beige, vfg-fg and locally mg mafic ash/lapilli tuff. Unit appears to grade/fine dh from lapilli to thinly lamina
AZ-22-02	63.03	70.69	7.66	MFMV	MFMV: Sharp uct at 50 dtca. Medium green and locally buff beige, fg ~massive mafic volcanic xcut by 1-15cm wide gabbro dikes proximal to lct. Mod perv chl and wk pch/frct cntrl carb alt. ~4% mm scale background carb+/-chl s
AZ-22-02	70.69	85.4	14.71	GAB	GAB: Sharp uct at 50 dtca. Medium grey, ~massive gabbro with local variable texture from fg-mg in upper portion of unit. Increased cal-chl+/-qtz healed brecciation and lesser qtz-cal-chl+/-chl veining in lower half of unit between
AZ-22-02	85.4	86.5	1.1	DIBS	DIBS: Sharp uct/irregular lct at 70/45 dtca with visible chill margins. Dark-medium grey, vfg-fg massive diabase with local mg phenos. Wk magnetism. Vwk diss chl alt. 2-3% mm scale cal stringers. Tr frct cntrl po visible at lower co
AZ-22-02	86.5	113.78	27.28	GAB	GAB: Sharp irregular uct with dike at ~45 dtca. Medium-light grey, mg massive gabbro. Two narrow unconsolidated brittle flts+gouge at 91m and 92.15m 45-55 dtca. 2-4% mm-3cm scale cal+/-qtz-chl stringers to veinlets sporadic
AZ-22-02	113.78	118.89	5.11	ALT ZN	ALT ZONE/SHR/BRX: Gradual uct defined by the presence of shear fabric and carb alt. Medium grey to dark grey/black/blue-green, strongly sheared and brecciated unit. Difficult to determine exact protoliths but appears to cor
AZ-22-02	118.89	130.5	11.61	GAB	GAB>NOR>ANOR/UM: Gradual uct defined by an absence of shear fabric. Medium grey to dark green and locally light grey/white, fg-mg and locally cg hybrid unit containing predominantly gabbro and lesser norite xcut by anorth
AZ-22-02	130.5	186	55.5	NORT	NORT: Sharp uct marked by ~15cm wide diabase dyke at ~60 dtca. Medium-dark grey-green, fg-mg norite xcut by minor anor dyklets (5-20cm scale). Wk-mod perv chl alt. Vwk localized, pch/fract cntrl Na alt/bleaching. 3-4% bac
AZ-22-03	0	16.75	16.75	OVB	
AZ-22-03	16.75	38.7	21.95	MFMV	MFMV: Dark green, fg massive mafic volcanics. Mod perv chl alt. ~8% mm scale background cal/carb+/-chl stringers. Wk magnetism. No fol. Tr str cntrl py rarely visible.
AZ-22-03	38.7	41	2.3	LC	LC: Lost core due to drilling grind and wash away. Likely caused by unconsolidated brittle faulting and/or dissolution of bedrock by meteoric water. Abundant clay/poss gouge present.
AZ-22-03	41	43	2	MFMV	MFMV: As prev MFMV. Poor RQD due to drilling grind/wash away.
AZ-22-03	43	44	1	LC	LC: Lost core due to drilling grind and wash away. Likely caused by unconsolidated brittle faulting and/or dissolution of bedrock by meteoric water. Abundant clay/poss gouge present.
AZ-22-03	44	45.5	1.5	MFMV	MFMV: As prev MFMV. Poor RQD due to drilling grind/wash away.
AZ-22-03	45.5	47	1.5	LC	LC: Lost core due to drilling grind and wash away. Likely caused by unconsolidated brittle faulting and/or dissolution of bedrock by meteoric water. Abundant clay/poss gouge present.
AZ-22-03	47	49.45	2.45	MFMV	MFMV: As prev MFMV.
AZ-22-03	49.45	50.6	1.15	GAB	GAB>MFMV: Sharp uct at 55 dtca. Medium-light grey-green, fg-mg gabbro xcut by one 17cm wide diabase dyke at ~75 dtca. Mod perv chl alt. Wk shear from 49.88-50m at ~65 dtca hosting locally elevated fg semicubic py disse
AZ-22-03	50.6	51.83	1.23	MFMV	MFMV: Sharp uct at 60 dtca. Dark grey-lesser green, vfg-fg massive mafic volcanics. Wk perv chl alt. ~8% mm-1cm scale background cal/carb str/fract fillings. Vwk fract cntrl carb alt. Wk magnetism. 0.25% vfg-fg fract cntrl and dis
AZ-22-03	51.83	62.3	10.47	GAB	GAB: Sharp uct at 65 dtca. Medium green-grey, fg-mg gabbro xcut by minor diabase dykes <10cm wide t 65-70 dtca. Very poor RQD due to driller grind assoc with healed brittle fault and meteoric water dissolution. Strong, heale
AZ-22-03	62.3	64.28	1.98	MFMV	MFMV: Arbitrary uct due to poor condition of core. Medium grey, vfg-fg massive mafic volcanics. Poor RQD due to driller grind within dissolved bedrock, influenced by overlying fault in prev unit. Wk perv chl and wk pch/fract cnt
AZ-22-03	64.28	80.65	16.37	GAB	GAB: Sharp uct at 45 dtca. Light-medium grey-lesser green, mg gabbro. Wk perv chl alt. Vwk magnetism. Elevated interstitial po mineralization at uct, up to 0.3% over 72cm assoc with a more noritic phase of the intrusion. Poor n
AZ-22-03	80.65	82.1	1.45	ID	ID: Sharp uct/lct at 55/85 dtca. Dark grey, intermediate dyke/felspar porphyry containing mg, subhedral plag phenos in a vfg dark matrix. Dyke appears late/fresh. ~4% micro-mm scale cal+/-qtz-chl stringers locally hosting tr po>cp
AZ-22-03	82.1	112.05	29.95	GAB	GAB: Light-medium grey-green, mg ~massive gabbro. Wk perv chl and wk pch/fract cntrl carb alt. Weakly mineralized overall. Locally elevated po min from 94.70-95m within a noritic domain containing ~sharp contacts at 65 dtca
AZ-22-03	112.05	117.04	4.99	ALT ZN	ALT ZN/SHR/BRX:Gradual uct defined by the presence of shear fabric and increase in alt intensity. Medium-light grey-green-locally brown, strongly sheared/brecciated and intensely carb-lesser chl alt domain. Minor localized whis
AZ-22-03	117.04	118.56	1.52	QTZ VN	QTZ VN: Sharp uct at ~60 dtca. Grouping of 1cm-1m scale qtz-carb-py+/-fusch veins (85%) xcutting sheared/alt host rock which is the same as prev unit oriented parallel to dom shear fabric at 65 dtca. Wall rock experiences stron
AZ-22-03	118.56	121.19	2.63	ALT ZN	ALT ZN/SHR/BRX: Light grey, fg, strongly sheared and intensely carbonate altered domain (likely gabbroic protolith). Dominant shear fabric at 65-70 dtca. Minor 0.5-1cm qtz-carb+/-py veinlets sbpl to shear fabric comprising ~2%
AZ-22-03	121.19	121.69	0.5	QTZ VN	QTZ VN: Sharp uct/lct at 60/55 dtca. Two ~10-35 cm medium-locally dark grey, qtz-carb+/-vfg py veins 80% xcutting lesser altered/sheared wall rock same as prev unit. Vein contacts or dominantly sbpl to shear fabric with the exce

DRILL HOLE LOGS - LITHOLOGY					
Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description
AZ-22-03	121.69	127.63	5.94	ALT ZN	ALT ZN/SHR/BRX: Light grey to buff beige locally blue/green-black, fg, strongly sheared and locally brecciated, intensely altered domain. Protolith is likely a gabbroic and lesser magnetite-bearing ultramafic intrusive unit. Strong-ir
AZ-22-03	127.63	165.6	37.97	NORT	NORT>GAB: ~Sharp uct at 70 dtca defined by an abrupt decrease in carb alt intensity. Dark grey-green, fg-mg norite with lesser gabbroic domains. Mod perv chl alt, vwk localized ep alt. Wk shr from 157.38-157.80m at ~60 dtca, f
AZ-22-03	165.6	168.25	2.65	ANOR	ANOR: Sharp uct/lct at 35/30 dtca. Light grey/beige to medium grey, mg-cg anorthosite containing 80-85% subhedral/subrounded plag grains in a dark grey, vfg matrix. Matrix is mod chloritized and weakly magnetic. ~3% mm sc
AZ-22-03	168.25	206	37.75	NORT	NORT: Dark grey to locally green and faint brown/purple, fg-mg and rare cg norite. Wk-locally strongly magnetitic. Local variable grain size textures are commonly assoc with an increae in magnetite>po+/-cpy. Wk int chl alt with c
AZ-22-04	0	6	6	OVB	
AZ-22-04	6	41.05	35.05	MFMV	MFMV: Dark green, vfg-fg and rarely mg mafic volcanics. Mod perv chl alt. ~8% mm scale background cal/carb+/-chl stringers throughout majority of unit. One notable 5-8cm scale qtz-cal-chl-py vein at ~15.50m oriented at 55 dt
AZ-22-04	41.05	43.15	2.1	SHR	SHR/GAB: Sharp uct defined by a change in lithology and presence of shear fabric/brecciation at ~65 dtca. Dark green, vfg, strongly sheared/mod brecciated and weakly veined mafic unit, likely the upper contact of the underlying
AZ-22-04	43.15	64.49	21.34	GAB	GAB: Gradual uct defined by a lack of shear fabric. Light grey/white, mg ~leucocratic gabbro. Wk diss chl alt, wk-mod pch/fract cntrl Na alt giving a bleached appearance. Possibly two generations, an earlier feldspar-rich set of strir
AZ-22-04	64.49	66.2	1.71	SHR	SHR/GAB: Gradual uct defined by the presence of shear fabric and brecciation. Dark green to grey, vfg-fg mod sheared and strongly brecciated gabbro. Dom shear fabric oriented art ~50 dtca. 25-30% cal/carb+/-qtz-chl-minor po
AZ-22-04	66.2	66.85	0.65	ID	ID: Sharp uct/lct 55/70 dtca with chill margins. Dark grey, intermediate dyke containing mg subhedral plag phenos in a dark grey vg matrix. ~8% micro-mm scale cal/carb+/-chl-tr py-po. Vwk magnetism. No fol.
AZ-22-04	66.85	134.2	67.35	GAB	GAB: Sharp uct with dyke. Light grey/white to medium grey/green, ~leucocratic gabbro. Wk-mod pch/fract cntrl carb and/or Na alt giving a bleached appearance, with increasing intensity dh. Wk diss chl throughout much of unit
AZ-22-04	134.2	139.48	5.28	NORT	NORT: Sharp uct at 45 dtca. Dark green, mg ~massive norite. Local mod fol at lct orientefd at 50-55 dtca. Strong perv chl alt. ~5% micro-mm scale cal/carb+/-qtz-chl stringers. Tr-0.2% vfg-fg diss py. Wk magnetism.
AZ-22-04	139.48	141.52	2.04	GAB	ALT GAB: Sharp uct at 55 dtca. Medium to light grey-beige, fg, strongly carb alt and wk-mod foliated gabbro. Carb alt is overprinting most primary textural features. 7-8% mm scale chl-cal+/-qtz-py fract fillings and tr mm-0.5m sca
AZ-22-04	141.52	155.12	13.6	ALT ZN	ALT ZN/SHR/BRX: Sharp uct defined by a shear fabric and increase healed brecciation. Dark green to medium grey, vfg-mg strongly sheared and moderately brecciated altered zone. No fuschite alteration present and overall zone
AZ-22-04	155.12	172.06	16.94	GRDR	GRDR: Sharp veined uct at 85 dtca. Medium pinkish grey to light yellowish brown, fg ~massive granodiorite appearing fresh/late. ~10% mm-10cm scale, shear related carb-qtz-chl+/-py stringers and local vein brx at uct from 155.
AZ-22-04	172.06	204	31.94	GAB	GAB VT: Sharp veined uct at 40 dtca. Wk-locally strong shearing with minor diabase and granodiorite dykes at uct from 172.06-173.26m at ~40 dtca. Dark to locally medium green, mg-cg and rarely cg varitextured gabbro. Mod p
AZ-22-04	204	223.66	19.66	NORT	NORT VT: Sharp veined uct at 40 dtca. Dark green to grey/black, fg-mg and locally cg varitextured norite. Visible bronzite grains. Wk-mod perv chl alt. No fol. 1-2% cal/carb-chl stringers throughout majority of unit, increases to 10
AZ-22-04	223.66	240	16.34	GRDR	GBDR: Sharp uct at 45 dtca. Light pinkish grey to yellowish grey, fg, massive granodiorite appearing late/fresh. Mod pch/fract cntrl carb-ser alt assoc with 3-4% mm scale cal/carb-chl+/-qtz-tr po-py stringers. No fol. Tr str hosted g
AZ-22-05	0	8.3	8.3	OVB	
AZ-22-05	8.3	22	13.7	GAB	GAB: Medium green-gey, fg-mg gabbro xcut by one minor felsic dyke. Mod-strong perv chl alt. ~3% mm-7cm wide background cal-chl+/-qtz str to fract fill. Wk magnetism. 1.5% localized blb to globular/semi-massive and lesser fr
AZ-22-05	22	24.25	2.25	GRDR	GRDR: Sharp uct/lct at 40 dtca. Medium grey fg-mg, weakly foliated granodiorite. Wk fol sbpl to cts at 40 dtca. Wk perv crb alt and sel sil alt proximal to cts with decreasing intensity inward from there. 3-4% micro-mm scale stringe
AZ-22-05	24.25	31.04	6.79	GAB	GAB: As prev gabbro , xcut by minor 3-8cm scale granodiorite dykelets. 3% micro-mm scale background cal-chl stringers. ~6% localized, semi-net textured po>cpy>py mineralization forming 2-13cm wide, partially zoned lenses (p
AZ-22-05	31.04	32.74	1.7	ID	ID: Sharp uct/lct at 70 dtca. Dark grey, intermediate dyke containing white subhedral feldspar phenos in a vfg dark grey matrix. Vwk fract cntrl carb alt. Wk magnetism. ~6% micro-mm cal-chl+/-tr py stringers.
AZ-22-05	32.74	36.22	3.48	GAB	GAB (MIN): Sharp uct with dyke. Dark green, mg, ~massive gabbro. Mod perv chl alt. 1-2% mm-1cm scale cal/carb+/-chl-tr po stringers. Wk-mod magnetic. No fol. Well mineralized, hosting ~0.5% vfg, patchy/sportatic blb po>py
AZ-22-05	36.22	41.84	5.62	NORT	NORT (MIN): Gradual uct defined by the decrease plag content and increase in sulphides content. Extremely well mineralized, dark green/grey, fg-mg norite containing ~6-13% blb to net textured po>py/pn(pentlandite?)>cpy and
AZ-22-05	41.84	42.42	0.58	FLT	FLT (MIN): Sharp uct/lct at 75/45 dtca. Light white/grey to green, strong, healed brittle flt xcutting mineralized norite. Minor 1-2cm scale qtz-po-cpy present oriented parallel to flt fabric at 45 dtca proximal to lct. Mod frct cntrl ca
AZ-22-05	42.42	45.88	3.46	PYRX	NORT/PYRX (MIN): Sharp uct with flt at 45 dtca. Dark green, fg-mg mineralized norite to pyroxenite. Strong perv chl alt. ~8% mm-2cm scale cal/carb+/-chl-minor qtz-sulphides fract filling/brx infill. ~4.5% vfg-fg blb/diss to semi-ne
AZ-22-05	45.88	56.93	11.05	ALT ZN	ALT ZN/SHR/BRX: Gradual uct defined by the presence of brx, shear fabric and carb alt. Medium brownish grey to medium grey-green, vfg laminated to mg/cg anhedral, weakly mineralized, heavily sheared/brx and carb+/-chl alt z
AZ-22-05	56.93	57.68	0.75	QTZ VN	QV (MIN): Sharp uct/lct at 70/80 dtca sbpl to shear fabric. Light grey, folded/boudinaged qtz-carb-py vein (60%) xcutting strongly carb alt and wk fuschite alt, py mienralized wall rock. Fuschite alt is confined to a 1-3 cm wide vein
AZ-22-05	57.68	61.24	3.56	ALT ZN	ALT ZN/SHR: Sharp uct with vein at 80 dtca. Light buff beige-grey to blueish green, vfg to locally mg intensely sheared and strong carb and mod chl-fuschite alt zone. Difficult to definitively identified protoliths but the some textur
AZ-22-05	61.24	66.82	5.58	PYRX	PYXN: Grdual uct defined by a decrease in shear and alt intensity. Dark gree, fg, locally foliated pyroxenite. Strong perv chl alt and wk localized, fract cntrl serpentine alt most notably at ~65.70m. ~20% cal-chl brx infill. Tr vfg-fg bl
AZ-22-05	66.82	85.8	18.98	NORT	NORT: Gradual uct defined by the presence of plag and decrease in cal-chl brx infill frequency. Dark-medium grey-green, fg-locally mg norite. Wk-mod perv chl alt. 1-2% mm scale cal/carb+/-chl stringers. Wk-mod magnetism. Tr v
AZ-22-05	85.8	89.22	3.42	ANOR	ANOR: Sharp undulating uct at ~70 dtca. White, cg anorthosite with dominant subhedral/subrounded plag phenos in vfg black/green wk-mod magnetic matrix. 2% micro-mm scale cal/carb-chl stringers. No fol. No visible sulphide
AZ-22-05	89.22	90.66	1.44	NORT	NORT: Sharp uct at 45 dtca. Dark green-grey, fg, massive norite. Mod perv chl alt. 3-4% micro-mm scale cal-chl stringers. Mod magnetism. No fol. Tr fg fract cntrl py.
AZ-22-05	90.66	93.97	3.31	ANOR	ANOR: Sharp uct at 45 dtca. White to medium grey-green, dominantly cg to locally fg anorthosite. Unit contains fg diss magnetite and becomes increasingly heterogeneous/more mafic dh of 92.40m. Mod interstitial chl alt with inc
AZ-22-05	93.97	95.6	1.63	NORT	NORT: Arbitrary uct defined by a decrease in plag content. Medium to dark grey-green and locally brown, fg-locally cg heterogeneous, magnetic norite. Mod perv chl alt and wk fract cntrl carb-serp alt. Vwk localized fract cntrl fu
AZ-22-05	95.6	96.7	1.1	PYRX	PYRX: Sharp uct at 35 dtca. Dark green-grey and locally brown, vfg-fg pyroxenite. Strong perv chl and wk fract cntrl serp alt. ~25% cal-chl+/-serp frct full/brx infill. Mod magnetic. Wk fol at 45 sbpl to lct. Tr fg fract cntrl py. Tr diss l
AZ-22-05	96.7	97.2	0.5	FLT	FLT/PYRX: Sharp uct/lct at 35/40 dtca. Light grey-brown and green, fg, weak healed brittle flt xcutting strongly carb, mod serp, and wk fusch alt pyroxenite. ~30% mm scale cal/carb-serp fract fillings transposed sbpl to flt fabric at 3
AZ-22-05	97.2	133.2	36	GRDR	GRDR: Sharp uct at 40 dtca. Light grey-pink and locally yellowish, fg, massive granodiorite. Wk pch/fract cntrl ser in upper portion of unit. ~1% mm scale cal stringers. Vwk magnetism. Tr vfg diss py rarely visible.
AZ-22-06	0	5	5	OVB	
AZ-22-06	5	13.12	8.12	GAB	GAB>NORT BRX (MIN): Light to medium green-grey, fg-mg locally mineralized gabbro>norite magmatic breccia containing darker, fg gabbro/noritic fragments in a mg more leucocratic gabbro matrix. Visible fragments appear su
AZ-22-06	13.12	14.65	1.53	ID	ID: Sharp uct/lct at 65 dtca. Intermediate dyke containing white mg subhedral plag phenos in a vfg dark grey matrix. Vwk fract cntrl carb alt. 3% micro-mm scale carb fracture fillings. Wk magnetism. Tr fract cntrl py.
AZ-22-06	14.65	32.2	17.55	GAB	GAB>NORT BRX (MIN): Sharp uct with dyke. Similar to prev. Medium to light green-grey, locally mineralized gabbro>noritic magmatic breccia xcut by one minor int dyke. Local, dark fg noritic fragments in a mg gabbro matrix mainl
AZ-22-06	32.2	45.23	13.03	ALT ZN	ALT ZN/SHR/BRX (MIN): Dark-medium grey-green and locally blueish-green, vfg-fg, strongly sheared, locally brecciated and altered domain. Difficult to distinguish protoliths but likely a mix of gabbro/norite, felsic dykes, possibly
AZ-22-06	45.23	47.48	2.25	GAB	GAB: Sharp uct defined by an abrupt absence of shear fabric. Dark green, fg gabbro. Strong perv chl alt. ~12% background cal+/-chl-minor qtz fract fill. Vwk magnetism. Wk fol at 50-65 dtca. Tr fg-mg diss to fract cntrl py.
AZ-22-06	47.48	49.28	1.8	FD	FD SWARM: Light buff-beige fg felsic dykes ranging from 8-90cm wide (65%) xcutting altered fg gabbro (35%). Visible fg qtzs eyes. Mod carb alt of fd's and mod chl/carb alt of gabbro. ~8% mm-1.5cm scale veinlets. ~4% micro-mm
AZ-22-06	49.28	51.63	2.35	GAB	GAB: Sharp uct with dyke swarm. Medium grey-green, fg-mg, weakly sheared gabbro containing unique, bleached, blebby/sigmoidal carb alt grain textures due to shearing. Dom shear fabric at ~45 dtca. Mod perv chl alt. Wk-mod

DRILL HOLE LOGS - LITHOLOGY					
Drill Hole ID	From (m)	To (m)	Length (m)	Lith Code	Description
AZ-22-06	51.63	55.44	3.81	ID	ID (ALT/MIN): Sharp uct/lct at 75 dtca. Medium grey to buff-beige, fg, altered and mineralized intermediate dyke. Appears similar to intervals witnessed in altered zones from previous holes (likely referred to as "poss felsic dyke
AZ-22-06	55.44	61.83	6.39	GAB	GAB: Sharp uct with dyke. Medium green-white, mg, ~massive gabbro xcut by one minor intermediate dyke. Mod interstitial/perv chl lt. 3-4% mm scale background ccl+/-rare Qtz-hem stringers. Vwk magnetism. Wk shear/brx fr
AZ-22-06	61.83	63.5	1.67	ID	ID: Sharp uct/lct at ~70 dtca. Dark grey-green, vfg massive intermediate dyke with rare mg plg phenos. Wk perb chl alt. 2% ccl stringers. No visible sulphide min.
AZ-22-06	63.5	71.82	8.32	GAB	GAB: Sharp uct with dyke. Light-medium green/grey-white, mg, weakly foliated gabbro xcut by minor 3-10cm scale granodiorite>int dyklets. Wk fol at ~40 dtca becoming most noticeable towards lct (may be ~primary composition
AZ-22-06	71.82	83.29	11.47	NORT	NORT>GAB: Sharp uct at 40 dtca with visible gab xenolith hosted with the norite. Dark green-grey to locally light grey, fg-mg norite with lesser gabbro domains. Local visible bronzite grains in some areas. Mod-strong perv chl alt.
AZ-22-06	83.29	87.3	4.01	GAB	GAB>NORT: Arbitrary uct defined by an increase in visible plag content. Medium to light grey-green and white, mg gabbro with minor noritic and anorthositic domins. Wk compositional fabric at ~40 dtca. Mod chl alt. Tr ccl string
AZ-22-06	87.3	88.63	1.33	GRDR	GRDR: Sharp uct/lct at 40 dtca. Light grey/beige, fg-mg granodiorite dyke. Wk fract cnl carb alt. ~3% micro-mm scale qcl stringers. No visible sulphide min.
AZ-22-06	88.63	94.12	5.49	GAB	Sharp uct with dyke. Medium to light grey-green, mg gabbro xcut by several granodiorite and anorthositic dykes. Mod int/perv chl alt. ~3% micro-mm scale qcl stringers with local elevations of up to 15% from 92-93m underlying
AZ-22-06	94.12	94.9	0.78	NORT	NORT: Arbitrary uct defined by a decrease in visible plag. Dark green to medium grey, mg-cg and locally vfg, varitextured norite. Visible remnant bronzite grains. Mod perv chl alt. Wk-mod magnetism. Tr ccl stringers. Poor min, no v
AZ-22-06	94.9	100.28	5.38	ANOR	ANOR: Gradual uct defined by an increase in plag content. White to medium green, cg anorthosite containing subhedral/subrounded plag grains. Mod int/perb chl alt. Mod-strong magnetism. No fol. Tr mm scale ccl stringers. No v
AZ-22-06	100.28	122.9	22.62	NORT	NORT: Sharp, locally sheated uct at ~60 dtca. Dark green-grey, fg-mg norite. Visible bronzite grains. Mod perv chl alt. Mod-strong magnetism. Tr mm scale ccl stringers. Poorly mineralized throughout majority of unit. Wk scattered
AZ-22-06	122.9	124.35	1.45	ANOR	ANOR: Sharp uct at ~35 dtca. White to medium grey, cg anorthosite containing subhedral/subrounded plag grains. Mod int/perv chl alt. ~3% micro-mm scale ccl stringers. Wk magnetism. No fol. Tr vfg diss py.
AZ-22-06	124.35	126.53	2.18	GRDR	GRDR: Sharp uct/lct at 40/70 dtca. Medium grey-beige and locally faint pink, fg granodiorite dyke. Wk fract cnl carb-ser alt. ~4% mm scale ccl stringers. Wk magnetism. No fol. Tr vfg fract cnl py.
AZ-22-06	126.53	128.85	2.32	GAB	GAB: Sharp w faulted uct with dyke at 70 dtca. Dark green, mg-vfg varitextured gabbro xcut by one minor granodiorite dyke. Strong perv chl alt. Wk magnetism. No fol. Tr micro-mm scale ccl stringers. Tr blb and fract cnl py.
AZ-22-06	128.85	129.8	0.95	FLT	FLT/GAB: Sharp uct/lct at ~55 dtca. Mod to locally strong healed brittle flt xcutting gabbro. Main fault core is located at uct from 128.85-128.95m containing semi-consolidated flt gouge with intense fabric, with deformation intens
AZ-22-06	129.8	130.51	0.71	GAB	GAB: Sharp uct with flt at ~55 dtca. Medium grey-lesser green, mg gabbro. Wk int chl alt and wk semi-perv carb alt giving a faint translucent yellowish brown hue. Wk fol at ~30 dtca appearing to be possibly folded slightly, becom
AZ-22-06	130.51	133.9	3.39	ID	ID: Sharp uct at 40 dtca. Dark grey, vfg-fg intermediate dyke xcutting minor gabbro and being xcut by mm scale granodiorite dyklets (suggesting later emplacement). ID contains local accicular plag grains. Wk perv chl alt througho
AZ-22-06	133.9	135	1.1	GAB	GAB: Same as prev gab unit.
AZ-22-06	135	136.65	1.65	FLT	HEALED FLT/ALT ID>GAB: Sharp uct at ~45 dtca. Light yellowish beige-pink alt intermediate dyke healing a flt zone. Minor gabbro included in the flt zone proximal to lct dh of 136.10m. Extreme semi-pervasive/fract cnl Na and le
AZ-22-06	136.65	137.7	1.05	GAB	GAB: Sharp uct with flt at 40 dtca. Medium green-grey, mg gabbro. Mod int/perv chl alt. ~4% ccl stringers. Vwk magnetism. Wk, localized marginal fol at/parallel to uct/lct. No visible sulphides.
AZ-22-06	137.7	138.9	1.2	GRDR	GRDR: Sharp uct/lct at 30 dtca. Medium grey-faint pink, fg granodiorite dyke xcutting minor gabbro. Wk fract cnl carb-hem alt. ~6% micro-mm scale qcl stringers/fract fillings. Vwk magnetism. No fol. Tr vfg diss py.
AZ-22-06	138.9	140	1.1	GAB	GAB: Sharp uct with dyke. Medium grey-green, mg-cg varitextured gabbro. Mod perv chl alt. Vwk magnetism. 1% mm scale ccl stringers. No fol. No visible sulphides.
AZ-22-06	140	148.16	8.16	FLT	HEALED FLT/ALT ID SWARM>GAB: Sharp uct/lct at 35/55 dtca. Light beige-pink-yellow to medium grey, vfg-fg alt intermediate dyke swarm xcutting lesser gabbro and healing a mod brittle-ductile flt zone. Extreme pch/fract cnl
AZ-22-06	148.16	153.6	5.44	ID	ID SWARM>GAB: Sharp uct with healed flt/alt ID at ~50 dtca. Dark to medium grey, vfg-fg intermediate dyke swarms xcutting lesser mg, light grey-green gabbro. ID-gabbro contacts are oriented at 35-45 dtca. Wk fract cnl chl-ca
AZ-22-06	153.6	155	1.4	NORT	NORT: Sharp uct with dyke swarm at ~20 dtca. Dark grey fg-mg norite. Mod magnetism. Vwk perv chl alt. ~3% mm scale ccl stringers. Poorly mineralized, tr vfg diss py.

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
AZ-22-01	14.25	36.66	CB	2	HALO	CL	2	HALO				
AZ-22-01	36.66	37.16	CL	3	SEL							
AZ-22-01	37.16	53.17	CB	2	HALO	CL	2	HALO				
AZ-22-01	53.17	53.81	HM	4	SEL	CL	4	SEL				
AZ-22-01	53.81	97.31	CB	2	HALO	CL	2	HALO				
AZ-22-01	97.31	102.85	CL	3	PER	CB	3	PAT	HM	1	SEL	
AZ-22-01	102.85	104.9	CB	4	PAT	CL	3	PER				
AZ-22-01	104.9	108	HM	3	SEL	EP	2	SEL	CL	2	PER	
AZ-22-01	108	114	EP	2	SEL	CL	2	PER				
AZ-22-01	114	152	CL	2	PER							
AZ-22-01	152	153	HM	3	SEL	CL	2	PER				
AZ-22-01	153	175.74	CL	2	PER							
AZ-22-01	175.74	225.5	CL	2	PER	EP	1	PAT				
AZ-22-01	225.5	234.1	CL	2	PER							
AZ-22-01	235.1	237.6	CB	4	SEL	CL	4	PER				
AZ-22-01	237.6	239.6	CL	3	PER							
AZ-22-01	239.6	243.6	CB	3	PAT							
AZ-22-01	243.6	248.8	CL	3	PER							
AZ-22-01	248.8	250.65	CB	1	PAT							
AZ-22-01	250.65	258	CL	3	PER							
AZ-22-01	258	259.5	CB	3	SW	FU	1	HALO				fuschite alt is localized over ~3cm at the contact with felsic dyke at 259.5m.
AZ-22-01	259.5	260	CB	2	PAT							
AZ-22-01	260	262.85	CL	2	SEL							
AZ-22-01	262.85	272	CL	1	PER							
AZ-22-02	4	14	CL	2	PER	CB	1	FRCT				
AZ-22-02	14	55.77	CL	3	PER	CB	2	FRCT	EP	1	FRCT	
AZ-22-02	55.77	63.03	CL	3	PER	CB	2	PAT				
AZ-22-02	63.03	70.69	CL	3	PER	CB	2	FRCT				
AZ-22-02	70.69	79	CL	2	PER							
AZ-22-02	79	85.4	CB	3	PAT	CB	2	PER				
AZ-22-02	85.4	86.5	CL	1	PER							
AZ-22-02	86.5	113.78	CB	2	PAT	CL	1	PER				
AZ-22-02	113.78	116.65	CB	4	PER							
AZ-22-02	116.65	118.53	FU	3	SEL	CL	4	PER	CB	4	PER	Fuschite alt is concentrarted as fract cntrl halos and within shear planes.
AZ-22-02	118.53	118.89	CB	4	PER							
AZ-22-02	118.89	119.75	CB	3	PER	HM	1	FRCT	CL	1	SEL	Alteration assoc with overlying shear zone.
AZ-22-02	119.75	130.5	CL	2	PER							
AZ-22-02	130.5	186	CL	3	PER	Na	1	FRCT				
AZ-22-03	16.75	49.55	CL	3	PER							
AZ-22-03	49.55	50.6	CL	3	PER							
AZ-22-03	50.6	51.83	CL	2	PER	CB	1	FRCT				
AZ-22-03	51.83	62.3	CL	3	PER	CB	2	PAT				
AZ-22-03	62.3	64.28	CL	2	PER	CB	2	PAT				
AZ-22-03	64.28	78	CL	2	PER							
AZ-22-03	78	78.59	CL	4	HALO							Assoc with shearing and boudinaged veins.
AZ-22-03	78.59	80.65	CL	1	PER							
AZ-22-03	80.65	82.1	CB	1	FRCT							

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
AZ-22-03	82.1	104.52	CL	2	PER	CB	2	FRCT				
AZ-22-03	104.52	105.12	CB	3	FRCT	CL	2	PER				
AZ-22-03	105.12	112.05	CL	2	PER	CB	2	FRCT				
AZ-22-03	112.05	116	CB	5	PAT	CL	3	PAT				
AZ-22-03	116	117.04	CB	5	PAT	FU	1	FRCT	CL	3	PAT	
AZ-22-03	117.04	118.56	CB	5	PER	SER	2	HALO	FU	1	FRCT	
AZ-22-03	118.56	121.19	CB	4	PER	CL	3	PER				
AZ-22-03	121.19	121.69	CB	5	PER	SER	2	HALO	FU	2	HALO	
AZ-22-03	121.69	122.25	CB	5	PER	FU	3	FRCT	SER	2	FRCT	
AZ-22-03	122.25	122.87	CB	5	PER	FU	3	FRCT	SER	3	PAT	
AZ-22-03	122.87	127.63	CB	4	PER	FU	1	HALO	SER	2	HALO	
AZ-22-03	127.63	129	CL	3	PER	CB	2	PAT				
AZ-22-03	129	157.42	CL	3	PER	EP	1	SEL				
AZ-22-03	157.42	158.3	CB	3	PAT	CL	3	PER				
AZ-22-03	158.3	165.6	CL	3	PER	EP	1	SEL				
AZ-22-03	165.6	168.25	CL	3	PER							
AZ-22-03	168.25	206	CL	2	DIS							
AZ-22-04	6	41.05	CL	3	PER							
AZ-22-04	41.05	43.15	CL	4	PER	CB	2	FRCT				
AZ-22-04	43.15	64.19	Na	3	PAT	CL	2	DIS				
AZ-22-04	64.19	66.2	CL	3	PER	CB	2	FRCT				
AZ-22-04	66.2	66.85	CB	2	FRCT	CL	2	FRCT				
AZ-22-04	66.85	79	CB	2	FRCT	Na	2	FRCT	CL	2	DIS	
AZ-22-04	79	106	CB	3	FRCT	Na	3	FRCT	CL	2	DIS	
AZ-22-04	106	111	CB	3	FRCT	CL	3	PAT				
AZ-22-04	111	134.2	CB	3	FRCT	Na	1	FRCT	CL	1	DIS	
AZ-22-04	134.2	139.48	CL	4	PER							
AZ-22-04	139.48	141.52	CB	4	FRCT	CL	2	DIS				
AZ-22-04	141.52	155.12	CB	4	FRCT	CL	4	PER				
AZ-22-04	155.12	159	CB	4	FRCT	SER	3	FRCT				
AZ-22-04	159	172.06	CB	3	FRCT	SER	2	FRCT				
AZ-22-04	172.06	172.89	CL	4	PER							
AZ-22-04	172.89	173.26	CL	2	FRCT							
AZ-22-04	173.26	203.5	CL	3	PER							
AZ-22-04	203.5	204	CB	2	VN	CL	3	PER				
AZ-22-04	204	223.66	CL	2	PER							
AZ-22-04	223.66	240	CB	3	FRCT	SER	2	FRCT				
AZ-22-05	8.3	22	CL	3	PER							
AZ-22-05	22	24.25	SI	2	SEL	CB	2	PER				
AZ-22-05	24.25	31.03	CL	3	PER							
AZ-22-05	31.03	32.74	CB	1	FRCT							
AZ-22-05	32.74	36.22	CL	3	PER							
AZ-22-05	36.22	37.95	CL	3	PER							
AZ-22-05	37.95	38.95	Na	3	SEL	CB	2	SEL	CL	3	SEL	
AZ-22-05	38.95	41.84	CL	4	PER							
AZ-22-05	41.84	42.42	CB	3	FRCT	CL	3	FRCT				
AZ-22-05	42.42	45.88	CL	4	PER							

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
AZ-22-05	45.88	51.4	CB	4	PAT	CL	3	PER				
AZ-22-05	51.4	52.62	CB	4	PAT	CL	2	FRCT				
AZ-22-05	52.62	56.93	CB	4	PER	CL	3	PER				
AZ-22-05	56.93	57.68	CB	5	PER	FU	2	HALO				
AZ-22-05	57.68	61.24	CB	4	PAT	FU	3	HALO	CL	3	PER	
AZ-22-05	61.24	66.82	CL	4	PER	PT	2	SEL				
AZ-22-05	66.82	85.8	CL	3	PER							
AZ-22-05	85.8	89.22	CL	3	SEL							
AZ-22-05	89.22	90.66	CL	3	PER							
AZ-22-05	90.66	92.4	CL	3	SEL							
AZ-22-05	92.4	93.97	CL	3	SEL	CB	2	FRCT	PT	1	FRCT	
AZ-22-05	93.97	95.6	CL	3	PER	CB	2	FRCT	PT	1	FRCT	
AZ-22-05	95.6	96.7	CL	4	PER	PT	2	FRCT				
AZ-22-05	96.7	105	SER	2	PAT							
AZ-22-06	5	13.12	CL	3	PER							
AZ-22-06	13.12	14.65	CB	1	FRCT							
AZ-22-06	14.65	30	CL	3	PER							
AZ-22-06	30	32.2	CL	3	PER	CB	2	PAT				
AZ-22-06	32.2	40.9	CB	4	PER	CB	4	PER				
AZ-22-06	40.9	42	FU	3	VN	CB	4	PER	CL	2	DIS	
AZ-22-06	42	45.23	CB	4	PER	CL	1	DIS				
AZ-22-06	45.23	47.48	CL	4	PER							
AZ-22-06	47.48	50.04	CB	3	PAT	CL	3	SEL				
AZ-22-06	50.04	51.63	CL	3	PER	CB	2	SEL				
AZ-22-06	51.63	55.44	CB	3	FRCT	CL	2	DIS				
AZ-22-06	55.44	56	CL	3	PER							
AZ-22-06	56	56.54	CL	4	PER	SER	2	FRCT				
AZ-22-06	56.54	63.5	CL	2	PER							
AZ-22-06	63.5	71.82	CL	3	PAT							
AZ-22-06	71.82	83.29	CL	4	PER							
AZ-22-06	83.29	87.3	CL	3	PER							
AZ-22-06	87.3	88.63	CB	2	FRCT							
AZ-22-06	88.63	94.12	CL	3	PER							
AZ-22-06	94.12	95.9	CL	3	PER							
AZ-22-06	95.9	100.28	CL	3	PER							
AZ-22-06	100.28	121.8	CL	3	PER							
AZ-22-06	121.8	122.9	CL	3	PER	SER	2	FRCT				
AZ-22-06	122.9	124.35	CL	3	PER							
AZ-22-06	124.35	126.53	CB	2	FRCT	SER	1	FRCT				
AZ-22-06	126.53	128.85	CL	4	PER							
AZ-22-06	128.85	129.6	CL	3	PER	CB	2	FRCT				
AZ-22-06	129.6	130.51	CL	2	DIS	CB	2	PER				
AZ-22-06	130.51	133	CL	2	PER	CB	2	FRCT				
AZ-22-06	133	133.9	CL	2	PER	CB	2	FRCT	HM	1	SEL	
AZ-22-06	133.9	135	CL	3	PER	CB	2	FRCT				
AZ-22-06	135	136.1	Na	5	FRCT	SER	2	FRCT	HM	2	FRCT	
AZ-22-06	136.1	136.65	CB	3	SEL	CL	3	PER				







**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
AZ-22-03	62.3	64.28	PY	0.1	FRC							
AZ-22-03	64.28	65	PO	0.3	BL							
AZ-22-03	65	78	PO	0.1	BL							
AZ-22-03	78	78.59	PY	0.2	DIS							
AZ-22-03	78.59	80.65	PO	0.1	BL							
AZ-22-03	80.65	82.1	PO	0.1	FRC	CP	0.1	FRC				
AZ-22-03	82.1	94.7	PO	0.1	BL							
AZ-22-03	94.7	95	PO	0.5	BL							
AZ-22-03	95	104.52	PO	0.1	BL							
AZ-22-03	104.52	105.12	PY	0.2	FRC							
AZ-22-03	105.12	112.05	PY	0.1	DIS							
AZ-22-03	112.05	117.04	PY	3	BND							
AZ-22-03	117.04	118.56	PY	1	VN	PY	2	BND				
AZ-22-03	118.56	121.19	PY	1	DIS	PY	1	BND				
AZ-22-03	121.19	121.69	PY	0.5	VN	PY	1	DIS				
AZ-22-03	121.69	127.63	PY	1	DIS	PY	0.3	BND	PY	0.2	VNLT	
AZ-22-03	127.63	157.8	PO	0.1	BL	CP	0.1	BL	PY	0.1	BL	
AZ-22-03	157.8	162	PY	0.5	FRC							
AZ-22-03	162	165.6	PY	0.1	BL							
AZ-22-03	165.6	166.1	CP	0.2	FRC							
AZ-22-03	166.1	168.25	NIL									
AZ-22-03	168.25	200	MT	0.5	BL							
AZ-22-03	200	201	MT	3	BL	PO	0.2	BL	CP	0.1	BL	
AZ-22-03	201	206	MT	0.5	BL							
AZ-22-04	6	41.05	PY	0.1	DIS							
AZ-22-04	41.05	42.5	PY	0.2	DIS	PY	0.2	FRC	PY	0.1	VN	
AZ-22-04	42.5	43.15	PY	0.3	DIS	PY	0.2	FRC				
AZ-22-04	43.15	64.49	PO	0.1	BL							
AZ-22-04	64.49	66.2	PO	0.1	DIS	PO	0.1	FRC	PY	0.1	DIS	
AZ-22-04	66.2	66.85	PY	0.1	FRC	PO	0.1	FRC				
AZ-22-04	66.85	117	PY	0.1	FRC	PO	0.1	FRC	CP	0.1	FRC	
AZ-22-04	117	120	PY	0.1	VN	PO	0.1	VN	CP	0.1	VN	
AZ-22-04	120	134.2	PO	0.1	FRC	PO	0.1	DIS				
AZ-22-04	134.2	139.48	PY	0.2	DIS							
AZ-22-04	139.48	141.52	PY	0.1	FRC	PY	0.1	DIS				
AZ-22-04	141.52	142	PY	0.1	FRC							
AZ-22-04	142	143	PY	6	FRC							
AZ-22-04	143	145.5	PY	1	FRC							
AZ-22-04	145.5	149	PY	0.5	VN	PY	1	FRC				
AZ-22-04	149	151	PY	1	DIS	PY	1	FRC	PY	0.4	VN	
AZ-22-04	151	154	PY	0.5	DIS	PY	0.3	FRC	PY	0.2	VN	
AZ-22-04	154	155.12	PY	2	DIS	PY	0.5	FRC	PY	0.5	VN	
AZ-22-04	155.12	172.06	PY	0.3	FRC							
AZ-22-04	172.06	172.89	PY	0.2	VN	PY	0.1	DIS				
AZ-22-04	172.89	203.5	PY	0.2	BL	MT	0.3	BL				
AZ-22-04	203.5	204	CP	0.2	VN	MO	0.2	VN	PY	0.1	VN	
AZ-22-04	204	223.66	PY	0.3	BL	MT	0.5	BL				

**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
AZ-22-04	223.66	240	PY	0.1	FRC	PO	0.1	FRC				
AZ-22-05	8.3	20.5	PO	0.1	BL							
AZ-22-05	20.5	21.5	PO	1	BL	PY	0.3	BL	CP	0.2	BL	
AZ-22-05	21.5	22	PO	0.1	BL							
AZ-22-05	22	24.25	PY	0.1	DIS							
AZ-22-05	24.25	27.5	PO	0.1	BL							
AZ-22-05	27.5	28.5	PO	5	SNET	CP	1	SNET	PY	0.5	SNET	
AZ-22-05	28.5	31.03	PO	0.1	BL							
AZ-22-05	31.03	32.74	PY	0.1	FRC							
AZ-22-05	32.74	36.22	PO	0.3	BL	PY	0.2	BL				
AZ-22-05	36.22	37.95	PO	12	NET	PY	1	BL	CP	0.2	BL	
AZ-22-05	37.95	38.95	CP	4	NET	PO	5	NET	PY	1	BL	
AZ-22-05	38.95	41.84	PO	5	NET	PY	0.5	BL	CP	0.2	BL	
AZ-22-05	41.84	42.42	PO	4.2	DIS	CP	0.3	DIS	PY	0.2	DIS	
AZ-22-05	42.42	45.88	PO	3.5	SNET	PY	0.5	SNET	CP	0.2	SNET	
AZ-22-05	45.88	51.4	PY	0.1	FRC	PY	0.1	DIS				
AZ-22-05	51.4	52.6	PY	0.3	FRC	PY	0.1	DIS				
AZ-22-05	52.6	56.93	PY	0.1	FRC	PY	0.1	DIS				
AZ-22-05	56.93	57.68	PY	2	DIS	PY	0.5	VN				
AZ-22-05	57.68	58.22	PY	2.5	DIS	PY	0.5	FRC				
AZ-22-05	58.22	59.8	PY	0.1	DIS	PY	0.1	VNLT				
AZ-22-05	59.8	60.42	PY	2.5	DIS	PY	0.5	FRC				
AZ-22-05	60.42	61.24	PY	0.1	DIS	PY	0.1	VNLT				
AZ-22-05	61.24	65.5	PO	0.1	BL	PY	0.1	BL				
AZ-22-05	65.5	66	LC	0.1	DIS	PY	0.1	DIS				
AZ-22-05	66	66.82	PO	0.1	BL							
AZ-22-05	66.82	85.8	PY	0.1	BL							
AZ-22-05	85.8	89.22	NIL									
AZ-22-05	89.22	90.66	PY	0.1	FRC							
AZ-22-05	90.66	92.4	NIL									
AZ-22-05	92.4	93.97	MT	3	DIS							
AZ-22-05	93.97	95.6	LC	0.1	DIS	MT	7	DIS				
AZ-22-05	95.7	96.7	LC	0.1	DIS	PY	0.1	FRC				
AZ-22-05	96.7	97.2	LC	0.1	DIS	MT	0.1	DIS				
AZ-22-05	97.2	133.2	PY	0.1	DIS							
AZ-22-06	5	5.6	PO	0.1	BL							
AZ-22-06	5.6	7.3	PO	1	BL	PY	0.5	BL	PO	3	VN	
AZ-22-06	7.3	10	PO	0.1	BL							
AZ-22-06	10	11	PO	0.7	SNET	PY	0.1	SNET				
AZ-22-06	11	13.12	PO	0.2	BL	PY	0.1	BL				
AZ-22-06	13.12	14.65	PY	0.1	FRC							
AZ-22-06	14.65	18	PO	0.3	VNLT	PY	0.1	VNLT	CP	0.1	VNLT	
AZ-22-06	18	32.2	PO	0.1	BL							
AZ-22-06	32.2	33	PY	5	SMAS							
AZ-22-06	33	40.9	PY	0.2	DIS	PY	0.1	VNLT				
AZ-22-06	40.9	42	PY	0.4	DIS	PY	0.2	VN				
AZ-22-06	42	45.23	PY	0.2	DIS							

**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
AZ-22-06	45.23	47.48	PY	0.1	DIS	PY	0.1	FRC				
AZ-22-06	47.48	50.04	PY	0.2	FRC	PY	0.1	DIS				
AZ-22-06	50.04	51.63	PY	0.1	DIS							
AZ-22-06	51.63	55.44	PY	0.9	DIS	PY	0.1	FRC				
AZ-22-06	55.44	56	PY	0.1	FRC							
AZ-22-06	56	56.54	PY	0.3	DIS	LC	0.1	DIS				
AZ-22-06	56.54	61.83	PY	0.1	FRC							
AZ-22-06	61.83	63.5	NIL									
AZ-22-06	63.5	71.82	NIL									
AZ-22-06	71.82	83.29	PY	0.1	BL	MT	0.3	BL				
AZ-22-06	83.29	87.3	PY	0.1	FRC							
AZ-22-06	87.3	88.63	NIL									
AZ-22-06	88.63	94.12	PY	0.1	FRC							
AZ-22-06	94.12	95.9	MT	0.3	BL							
AZ-22-06	95.9	100.28	MT	0.5	BL							
AZ-22-06	100.28	121	PY	0.1	BL	MT	0.5	BL				
AZ-22-06	121	121.8	PY	0.2	DIS							
AZ-22-06	121.8	122.4	PY	0.1	FRC							
AZ-22-06	122.4	122.9	PO	0.1	FRC	PY	0.1	FRC	CP	0.1	FRC	
AZ-22-06	122.9	124.35	PY	0.1	DIS							
AZ-22-06	124.35	126.53	PY	0.1	FRC							
AZ-22-06	126.53	128.85	PY	0.1	FRC	PY	0.1	DIS				
AZ-22-06	128.85	129.6	PY	0.1	FRC							
AZ-22-06	129.6	130.51	PY	0.1	VNLT							
AZ-22-06	130.51	133.9	PY	0.1	FRC							
AZ-22-06	133.9	135	PY	0.1	FRC							
AZ-22-06	135	136.65	PY	0.1	DIS							
AZ-22-06	136.65	137.7	NIL									
AZ-22-06	137.7	138.9	PY	0.1	DIS							
AZ-22-06	138.9	140	NIL									
AZ-22-06	140	148.16	PY	0.1	DIS							
AZ-22-06	148.16	153.6	PY	0.1	DIS							
AZ-22-06	153.6	155	PY	0.1	DIS	MT	0.5	DIS				

**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
AZ-22-01	6.4	7.2	BIF	4	35	FOD	4	40				
AZ-22-01	14.25	14.27	FLT	3	30	CNTCT	3	30				Brittle fault with 2cm of gouge. Poor RQD surrounding area.
AZ-22-01	19.9	19.91	FLT	3	45							Brittle fault with 1cm of gouge. Poor RQD surrounding area.
AZ-22-01	36.66	36.67	CNTCT	4	45				45	165		
AZ-22-01	36.67	37.15	FOD	4	10							isoclinal folding of mag-chert bedding
AZ-22-01	37.15	37.16	CNTCT	4	45				45	330		
AZ-22-01	44.5	45.5	VN	4	70				70	107		qtz-cal-chl-tr py
AZ-22-01	53.17	53.18	CNTCT	4	65							
AZ-22-01	53.18	53.81	BIF	4	45	BIF	4	65				two bedding measurements dipping in opposite directions, likely a shallow fold wthin bif.
AZ-22-01	53.81	53.82	CNTCT	4	40							
AZ-22-01	97.31	97.32	CNTCT	4	70				70	215		
AZ-22-01	97.32	102.85	BED	4	55	CRN	3	45	55	255		
AZ-22-01	102.85	104.9	SH	3	78							
AZ-22-01	114	118	VN	2	60							tr po
AZ-22-01	182.28	182.33	FLT	4	50							brittle flt gouge, completely unconsolidated.
AZ-22-01	228.7	229.13	FLT	3	25							series of parallel mm-2cm scale brittle flts containing unconsolidated gouge and minor oxidation.
AZ-22-01	232.6	232.93	CNTCT	4	40							diabase dyke
AZ-22-01	233.23	233.43	FLT	3	35							series of parallel mm scale brittle flts containing coarse gouge and oxidation.
AZ-22-01	237.6	237.93	DK	4	40							diabase dyke
AZ-22-01	239.6	243.6	DK	4	40							diabase dyke
AZ-22-01	248.8	250.65	DK	4	40				40	242		diabase dyke
AZ-22-01	250.65	252	VN	3	30				30	225		qtz-cal-chl veinlets/fract filling. Tr diss py in wall rock.
AZ-22-01	258	259.6	FLT	2	30							Consolidated wk brittle/ductile flt. Wk-mod foliation and moderate qtz-ank-py veining/fracturing filling sbpl to foliation.
AZ-22-01	259.6	260	DK	3	30							felsic/granodiorite dyke with fg bio and mt disseminations
AZ-22-01	262.82	262.83	CNTCT	3	85							
AZ-22-02	10.72	10.92	FLT	3	40							mod heald brittle flt influencing blocky core/poor rqd between ~9-11.50m.
AZ-22-02	17.07	17.17	BIF	3	40							
AZ-22-02	35.2	35.7	SH	2	40							wk shr zone possibly concentrating deformation in a primary ash tuff.
AZ-22-02	38	38.01	FLT	2	20							healed brittle stringer flt; assoc hem fract filling.
AZ-22-02	55.77	55.78	CNTCT	4	65							
AZ-22-02	55.78	63.03	BED	3	60	FOL	2	50				mg thicker bedded to vfg-fg, thinly laminated beds moving dh
AZ-22-02	63.03	63.04	CNTCT	4	50							
AZ-22-02	70.69	70.7	CNTCT	4	50							
AZ-22-02	70.95	80.6	SH	2	45	VN	3	45				cal-chl+/-qtz-py brx infill/frct filling
AZ-22-02	84.43	84.77	SH	2	50	VNM	3	50				2-5cm scale qtz-cal-chl-py veining, both sbpl to and oblique/crosscutting shear fabric
AZ-22-02	85.4	86.5	DK	4	45							diabase dyke
AZ-22-02	91	91.05	FLT	2	50							unconsolidated brittle flt+gouge
AZ-22-02	92.15	92.2	FLT	3	45							unconsolidated brittle flt+gouge
AZ-22-02	103.04	103.08	SH	4	50							strong ductile shear with creunlation cleavage
AZ-22-02	112.78	118.89	SH	5								intense shear zone with brecciation.
AZ-22-02	130.5	130.63	DK	3	50							diabase
AZ-22-03	38.26	47.35	FLT	4	55							Poor RQD, core grind/wash away. Likely cause by a mix of brittle unconsolidated faulting and dissolution of bedrock.
AZ-22-03	49.45	49.46	CNTCT	4	55							
AZ-22-03	49.65	49.78	DK	4	75							diabase
AZ-22-03	49.88	50	SH	2	65							
AZ-22-03	50	50.6	FOL	2	55							
AZ-22-03	50.6	50.61	CNTCT	4	60							

**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
AZ-22-03	50.61	51.83	FOL	1	50							
AZ-22-03	51.83	51.84	CNTCT	4	65							
AZ-22-03	53.97	54.46	FLT	4	65							healed brittle flt fabrics
AZ-22-03	64.28	64.29	CNTCT	4	45							
AZ-22-03	78.03	78.59	SH	3	50	BXD	2	50	50	253		low confidence on oriented marking at 80m - dom shear fabric oriented measurement
AZ-22-03	80.65	80.66	CNTCT	4	65							
AZ-22-03	82.1	82.11	CNTCT	4	85							
AZ-22-03	104.52	105.12	MF	3	45							possibly flt related carb healed fract zn
AZ-22-03	105.12	115.2	SH	4	55	BXD	3					
AZ-22-03	115.2	115.48	FLT	4	65							semi-consolidated brittle flt with 5cm scale sandy gouge.
AZ-22-03	115.48	117.04	SH	4	50	BXD	3	50	50	225		dom shear fabric oriented measurement
AZ-22-03	117.04	117.2	VNM	4	45	SH	4	45	45	280		upper vein contact oriented measurement
AZ-22-03	117.2	118.56	VNM	4	65	SH	4	65	65	305		lower vein contact oriented measurement
AZ-22-03	118.56	121.19	SH	4	70							
AZ-22-03	121.19	121.69	VNM	4	60	VNM	4	55				
AZ-22-03	121.69	123.62	SH	4	70	BXD	3	70				
AZ-22-03	123.62	127.63	SH	2	70				70	335		low confidence measurement - 340 degree spin at 125m. Avg beta angle taken between two measurements.
AZ-22-03	157.42	157.8	SH	2	60							
AZ-22-03	165.6	165.61	CNTCT	3	35							
AZ-22-03	168.25	168.26	CNTCT	3	30							
AZ-22-04	40.66	41.05	FLT	4	65							unconsolidated brittle flt with 1-7cm scale gouge.
AZ-22-04	41.05	43.15	SH	4	55	BXD	3	55				
AZ-22-04	64.44	66.2	SH	3	55	BXD	4	55				
AZ-22-04	66.2	66.85	DK	4	63							ID
AZ-22-04	117	117.13	SH	3	35							consildated/healed shr/flt
AZ-22-04	132.05	132.2	SH	3	45							consildated/heald shr/flt
AZ-22-04	132.2	132.21	CNTCT	4	45							
AZ-22-04	138.5	139.48	FOL	3	45							
AZ-22-04	139.48	141.52	FOL	2	55							
AZ-22-04	141.52	147.72	SH	4	55	BXD	3	45				fabric varies from 45-65 dtca steepening dh
AZ-22-04	147.72	147.73	FLT	4	75							unconsolidated brittle flt with gouge
AZ-22-04	147.73	148.84	SH	4	75	BXD	3	75				
AZ-22-04	148.84	148.9	FLT	4	80							unconsolidated brittle flt with gouge
AZ-22-04	148.9	152	SH	4	85	BXD	3	85				
AZ-22-04	152	155.12	SH	2	85							
AZ-22-04	155.12	172.06	DK	4	45							grdr dyke
AZ-22-04	172.06	172.89	SH	3	40							
AZ-22-04	172.89	173.26	DK	4	40	SH	2	40				diabase>granodiorite dyke indtruding shear zone, weakly sheared.
AZ-22-04	203.72	204	VNM	3	40							
AZ-22-04	204	204.01	CNTCT	3	40							
AZ-22-04	223.66	223.67	CNTCT	4	45							
AZ-22-05	13.38	13.53	DK	4	40							grdr dyke
AZ-22-05	31.03	32.74	DK	4	70				70	327		intermediate dyke; uct at 70 alpha/327 beta; lct at 55 alpha/165 beta.
AZ-22-05	37.95	38.95	MAGBRX	3	40							magmatic brx containing Na/carb alt possible anorthositic fragments.
AZ-22-05	41.84	42.42	FLT	4	45							healed brittle flt
AZ-22-05	45.88	51.44	SH	4	65	BXD	4	65				
AZ-22-05	51.44	52.6	DK	3	50	SH	3	50				carb alt felsic dyke swarm

**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
AZ-22-05	52.6	56.93	SH	3	65							
AZ-22-05	56.93	57.68	VNM	3	70				70	205		low confidence oriented core measurement - 335 degree spin at 56m; folded qtz vein. 70/80 dtca contacts with 45 dtca orientation in between;
AZ-22-05	57.68	58.22	DK	3	45	SH	2	45				possible alt felsic dyke; low confidence oriented core measurement of lct - 335 degree spin at 56m.
AZ-22-05	58.22	59.8	SH	4	50				50	180		low confidence oriented core measurement of shear fabric - 335 degree spin at 56m
AZ-22-05	59.8	60.42	DK	3	55	SH	2	55				possible alt felsic dyke
AZ-22-05	60.42	61.24	SH	3	60	SH						
AZ-22-05	85.8	85.81	CNTCT	4	70				70	244		undulating uct; oriented core measurement only attainable for uct.
AZ-22-05	89.22	89.23	CNTCT	4	45							
AZ-22-05	90.66	90.67	CNTCT	4	45							
AZ-22-05	95.6	95.61	CNTCT	3	35							
AZ-22-05	95.61	96.7	FOL	2	35							
AZ-22-05	96.7	97.2	FLT	2	35							
AZ-22-05	97.2	97.21	CNTCT	4	40							
AZ-22-06	5.67	5.73	VNM	4	70				70	116		low confidence measurement, no orientation mark at 7m, orient line carried forward from 11m; semi-massive sulphide vein
AZ-22-06	6.7	6.8	VNM	4	45				45	356		low confidence measurement, no orientation mark at 7m, orient line carried forward from 11m; semi-massive sulphide vein
AZ-22-06	13.12	14.65	DK	4	65							ID
AZ-22-06	16.21	16.62	DK	4	65							ID
AZ-22-06	32.2	34.8	SH	4	65	BXD	3	65				
AZ-22-06	34.8	35	FLT	4	70							Semi-consolidated brittle flt with gouge/flt brx.
AZ-22-06	35	42	SH	4	70	BXD	2	70				
AZ-22-06	42	45.23	SH	3	70							
AZ-22-06	45.23	47.48	FOL	2	50							
AZ-22-06	47.48	50.04	DK	3	70							FD swarm
AZ-22-06	50.04	51.63	SH	2	45							
AZ-22-06	51.63	53.18	DK	4	75							alt ID
AZ-22-06	53.18	53.27	BXD	3	35							
AZ-22-06	53.27	54.44	DK	4	75							alt ID
AZ-22-06	54.44	56	FOL	2	50							
AZ-22-06	56	56.43	SH	2	70							
AZ-22-06	56.43	56.54	DK	4	65	SH	2	70				
AZ-22-06	61.83	63.5	DK	4	70				70	255		oriented measurement of lct. could be ~primary compositional fabric
AZ-22-06	63.5	71.82	LYR	2	40							
AZ-22-06	71.82	71.83	CNTCT	4	40							
AZ-22-06	71.83	83.29	LYR	2	40							compositional fabric
AZ-22-06	83.29	87.3	LYR	2	40							compositional fabric
AZ-22-06	87.3	88.63	DK	4	40							GRDR dyke
AZ-22-06	100.28	100.29	CNTCT	4	65							
AZ-22-06	100.29	100.43	SH	3	60							
AZ-22-06	121.8	122.9	FLT	2	65							wk scattered healed brittle/ductile flts.
AZ-22-06	122.9	122.91	CNTCT	3	35							
AZ-22-06	124.35	126.53	DK	4	40							GRDR
AZ-22-06	126.53	126.6	FLT	2	70							
AZ-22-06	127.79	128.15	DK	4	40							GRDR
AZ-22-06	128.85	129.6	FLT	3	45							
AZ-22-06	129.6	130.51	FOL	2	30	FOD	1					poss shallow folding of fol along overlying flt.
AZ-22-06	130.51	133.85	DK	4	40							ID
AZ-22-06	133.85	133.9	FLT	2	40	DK	4					wk flt at lct of ID

**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
AZ-22-06	135	135.1	FLT	3	45	DK	4	35				alt ID healing flt
AZ-22-06	135.1	136.65	FLT	3	45							flt xcutting gabbro
AZ-22-06	137.7	138.9	DK	3	30							
AZ-22-06	140	148.16	FLT	3	40	DK	3	40				alt ID healing flt zone, xcutting lesser gabbro

# APPENDIX D: ASSAY INTERVALS



Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME	MS61
F061251	AZ-22-01	18	20	2	0.003	0.13	0.016	0.019	132	155	
F061252	AZ-22-01	20	22	2	0.003	0.15	0.011	0.013	117	146	
F061253	AZ-22-01	22	24	2	0.004	0.13	0.013	0.017	160	169	
F061254	AZ-22-01	24	26	2	0.002	0.08	0.015	0.018	99.3	139	
F061255	AZ-22-01	26	28	2	0.011	0.11	0.015	0.019	172.5	152	
F061256	AZ-22-01	28	30	2	0.002	0.08	0.016	0.02	105.5	156	
F061257	AZ-22-01	30	32	2	0.002	0.07	0.014	0.019	91.8	160	
F061258	AZ-22-01	32	34	2	0.003	0.08	0.016	0.02	134	155	
F061259	AZ-22-01	34	36	2	0.004	0.03	0.014	0.018	75.7	153.5	
F061261	AZ-22-01	36	36.66	0.66	0.004	0.02	0.015	0.018	19.6	156.5	
F061262	AZ-22-01	36.66	37.16	0.5	0.055	0.19	0.005	0.004	311	67.7	
F061263	AZ-22-01	37.16	38	0.84	0.003	0.05	0.015	0.019	56.6	166.5	
F061264	AZ-22-01	38	40	2	0.004	0.16	0.014	0.019	178.5	182	
F061265	AZ-22-01	40	42	2	0.003	0.1	0.016	0.021	136	193	
F061266	AZ-22-01	42	43	1	0.003	0.2	0.016	0.021	157	190.5	
F061267	AZ-22-01	43	44.5	1.5	0.003	0.19	0.014	0.021	162	226	
F061268	AZ-22-01	44.5	45.5	1	0.004	0.11	0.014	0.017	124	160.5	
F061269	AZ-22-01	45.5	47	1.5	0.002	0.05	0.016	0.021	112	191	
F061271	AZ-22-01	47	49	2	0.003	0.07	0.015	0.02	131	179	
F061272	AZ-22-01	49	51	2	0.003	0.11	0.014	0.019	161	168.5	
F061273	AZ-22-01	51	52	1	0.002	0.08	0.016	0.02	141	168	
F061274	AZ-22-01	52	53.17	1.17	0.005	0.18	0.015	0.02	369	185	
F061275	AZ-22-01	53.17	53.81	0.64	0.007	0.03	0.0025	0.006	109.5	70	
F061276	AZ-22-01	53.81	55	1.19	0.003	0.04	0.015	0.02	124	171	
F061277	AZ-22-01	55	57	2	0.004	0.01	0.015	0.02	117	180.5	
F061278	AZ-22-01	57	59	2	0.003	0.08	0.017	0.019	154.5	46.4	
F061279	AZ-22-01	59	61	2	0.01	0.07	0.017	0.019	199	42.5	
F061281	AZ-22-01	61	63	2	0.005	0.11	0.018	0.019	183.5	40.3	
F061282	AZ-22-01	63	65	2	0.004	0.1	0.019	0.021	173	44.7	
F061283	AZ-22-01	65	67	2	0.003	0.11	0.012	0.014	142	108	
F061284	AZ-22-01	67	69	2	0.003	0.02	0.006	0.004	110	161	
F061285	AZ-22-01	69	71	2	0.007	0.13	0.012	0.015	181.5	92.8	
F061286	AZ-22-01	71	73	2	0.007	0.13	0.011	0.01	186.5	133.5	
F061287	AZ-22-01	73	75	2	0.002	0.06	0.006	0.004	110	193	
F061288	AZ-22-01	75	77	2	0.001	0.02	0.007	0.004	29.5	174	
F061289	AZ-22-01	77	79	2	0.003	0.06	0.005	0.003	98.4	168.5	
F061291	AZ-22-01	79	81	2	0.003	0.03	0.006	0.004	115.5	161.5	
F061292	AZ-22-01	81	83	2	0.002	0.06	0.006	0.004	96.3	158	
F061293	AZ-22-01	83	85	2	0.01	0.15	0.007	0.004	253	183	
F061294	AZ-22-01	85	87	2	0.002	0.03	0.006	0.004	56.5	169.5	
F061295	AZ-22-01	87	89	2	0.005	0.1	0.007	0.003	140	171	
F061296	AZ-22-01	89	91	2	0.005	0.2	0.007	0.004	148.5	194	
F061297	AZ-22-01	91	93	2	0.004	0.13	0.008	0.005	147	176	
F061298	AZ-22-01	93	95	2	0.002	0.02	0.006	0.006	105.5	129.5	
F061299	AZ-22-01	95	97	2	0.002	0.07	0.005	0.005	124.5	132.5	
F061301	AZ-22-01	97	99	2	0.026	0.25	0.0025	0.0005	78	149	
F061302	AZ-22-01	99	101	2	0.003	0.03	0.0025	0.0005	29.9	73.4	
F061303	AZ-22-01	101	102	1	0.002	0.03	0.0025	0.0005	50.6	74.6	
F061304	AZ-22-01	102	102.85	0.85	0.002	0.02	0.0025	0.0005	44.1	65.4	
F061305	AZ-22-01	102.85	104	1.15	0.004	0.01	0.0025	0.002	37.9	243	
F061306	AZ-22-01	104	104.9	0.9	0.037	0.03	0.008	0.008	46.8	408	
F061307	AZ-22-01	104.9	106	1.1	0.006	0.08	0.01	0.02	104	143.5	
F061308	AZ-22-01	106	106.84	0.84	0.062	0.02	0.019	0.011	100.5	67.3	
F061309	AZ-22-01	106.84	108	1.16	0.019	0.08	0.0025	0.001	68	124	
F061311	AZ-22-01	108	110	2	<0.001	0.19	0.0025	0.002	81.8	230	
F061312	AZ-22-01	110	112	2	<0.001	0.13	0.0025	0.001	74.7	237	
F061313	AZ-22-01	112	114	2	<0.001	0.15	0.0025	0.0005	116.5	133	
F061314	AZ-22-01	114	115	1	<0.001	0.09	0.0025	0.002	100	168.5	
F061315	AZ-22-01	115	116	1	<0.001	0.07	0.0025	0.001	85.6	185.5	
F061316	AZ-22-01	116	117	1	<0.001	0.08	0.0025	0.002	62.2	207	

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME	MS61
F061317	AZ-22-01	117	118	1	0.003	0.09	0.0025	0.004	101	154.5	
F061318	AZ-22-01	118	119	1	<0.001	0.07	0.0025	0.0005	105	133	
F061319	AZ-22-01	131.6	133	1.4	0.001	0.07	0.0025	0.001	95.9	216	
F061321	AZ-22-01	133	134	1	<0.001	0.09	0.0025	0.001	115	185.5	
F061322	AZ-22-01	134	135	1	<0.001	0.07	0.0025	0.001	101.5	185	
F061323	AZ-22-01	135	136	1	<0.001	0.07	0.0025	0.001	64.7	221	
F061324	AZ-22-01	136	137	1	<0.001	0.05	0.0025	0.001	123.5	195	
F061325	AZ-22-01	137	138	1	<0.001	0.05	0.0025	0.001	110.5	170	
F061326	AZ-22-01	138	139.31	1.31	<0.001	0.09	0.0025	0.002	110	190	
F061327	AZ-22-01	139.31	186	46.69	<0.001	0.07	0.0025	0.0005	97.9	63.5	
F061328	AZ-22-01	186	187	1	<0.001	0.07	0.0025	0.0005	101.5	42.1	
F061329	AZ-22-01	187	188	1	0.047	0.08	0.0025	0.001	88.3	17.9	
F061331	AZ-22-01	188	189	1	<0.001	0.1	0.0025	0.0005	57.3	4.7	
F061332	AZ-22-01	189	191	2	<0.001	0.05	0.0025	0.003	76.1	17.9	
F061333	AZ-22-01	191	193	2	<0.001	0.04	0.0025	0.0005	65.4	7.4	
F061334	AZ-22-01	193	195	2	<0.001	0.01	0.0025	0.001	21.2	38.2	
F061335	AZ-22-01	195	197	2	<0.001	0.02	0.0025	0.001	29.5	51.5	
F061336	AZ-22-01	197	199	2	<0.001	0.03	0.0025	0.001	44.2	61.6	
F061337	AZ-22-01	199	201	2	<0.001	0.02	0.0025	0.001	35.8	61.1	
F061338	AZ-22-01	201	203	2	<0.001	0.05	0.0025	0.001	92.8	66.5	
F061339	AZ-22-01	203	205	2	<0.001	0.02	0.006	0.009	28.6	132	
F061341	AZ-22-01	205	207	2	0.004	0.04	0.009	0.001	71.6	89.3	
F061342	AZ-22-01	207	208	1	<0.001	0.05	0.005	0.001	64.6	89.4	
F061343	AZ-22-01	208	209	1	<0.001	0.06	0.006	0.002	116	97.4	
F061344	AZ-22-01	209	210	1	0.023	0.32	0.043	0.178	1280	787	
F061345	AZ-22-01	210	211	1	0.038	0.53	0.058	0.286	2070	889	
F061346	AZ-22-01	211	212	1	0.047	1.09	0.064	0.305	3080	1480	
F061347	AZ-22-01	212	213	1	0.028	0.66	0.039	0.18	1930	1240	
F061348	AZ-22-01	213	214	1	0.032	0.83	0.053	0.245	2660	1735	
F061349	AZ-22-01	214	215	1	0.026	0.48	0.04	0.195	2020	1265	
F061351	AZ-22-01	215	216.3	1.3	0.025	0.41	0.021	0.086	1070	574	
F061352	AZ-22-01	216.3	217	0.7	0.006	0.12	0.011	0.003	211	103.5	
F061353	AZ-22-01	217	218	1	0.003	0.08	0.007	0.007	131	90.7	
F061354	AZ-22-01	218	220	2	<0.001	0.04	0.0025	0.0005	48.6	79.4	
F061355	AZ-22-01	220	222	2	<0.001	0.04	0.0025	0.0005	81.4	114.5	
F061356	AZ-22-01	222	224	2	<0.001	0.03	0.0025	0.001	84.8	113	
F061357	AZ-22-01	224	225.5	1.5	0.003	0.06	0.012	0.003	133	97.8	
F061358	AZ-22-01	225.5	227	1.5	<0.001	0.02	0.0025	0.003	25.4	63.9	
F061359	AZ-22-01	227	229	2	<0.001	0.02	0.0025	0.004	24.6	71.4	
F061361	AZ-22-01	229	231	2	0.001	0.05	0.0025	0.004	40.4	71.7	
F061362	AZ-22-01	231	233	2	<0.001	0.05	0.0025	0.005	40.8	72.3	
F061363	AZ-22-01	233	234.1	1.1	0.001	0.06	0.007	0.031	57.4	129	
F061364	AZ-22-01	234.1	235.1	1	0.003	0.1	0.005	0.015	67.6	141	
F061365	AZ-22-01	235.1	236	0.9	0.003	0.1	0.019	0.085	82.4	337	
F061366	AZ-22-01	236	237	1	0.01	0.07	0.032	0.18	220	443	
F061367	AZ-22-01	237	238	1	0.006	0.07	0.016	0.082	130.5	439	
F061368	AZ-22-01	238	239	1	<0.001	0.25	0.0025	0.003	37.6	68	
F061369	AZ-22-01	239	239.6	0.6	<0.001	0.1	0.0025	0.004	28.5	69.9	
F061371	AZ-22-01	239.6	241	1.4	<0.001	0.05	0.0025	0.002	54.4	69.1	
F061372	AZ-22-01	241	242	1	<0.001	0.05	0.0025	0.001	39.4	71.5	
F061373	AZ-22-01	242	243	1	0.003	0.06	0.0025	0.001	59.5	65.5	
F061374	AZ-22-01	243	243.6	0.6	0.002	0.05	0.0025	0.001	66.1	69.5	
F061375	AZ-22-01	243.6	245	1.4	0.001	0.13	0.0025	0.0005	146.5	77.4	
F061376	AZ-22-01	245	247	2	<0.001	0.05	0.0025	0.0005	123	67.5	
F061377	AZ-22-01	247	248	1	<0.001	0.05	0.0025	0.0005	144	73.8	
F061378	AZ-22-01	248	248.8	0.8	0.002	0.33	0.0025	0.001	147	72.4	
F061379	AZ-22-01	248.8	250	1.2	<0.001	0.03	0.0025	0.001	57.8	71.9	
F061381	AZ-22-01	250	250.65	0.65	<0.001	0.06	0.0025	0.001	45.3	62.4	
F061382	AZ-22-01	250.65	252	1.35	0.002	0.09	0.0025	0.001	85.4	53	
F061383	AZ-22-01	252	254	2	<0.001	0.06	0.0025	0.0005	124	57.9	

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME	MS61
F061384	AZ-22-01	254	256	2	0.001	0.07	0.007	0.001	145.5	69.7	
F061385	AZ-22-01	256	257	1	0.006	0.04	0.005	0.0005	102.5	53.4	
F061386	AZ-22-01	257	258	1	0.004	0.21	0.005	0.0005	99.2	63.6	
F061387	AZ-22-01	258	259	1	0.34	0.27	0.005	0.0005	178.5	43.9	
F061388	AZ-22-01	259	259.5	0.5	0.031	0.3	0.005	0.0005	65.7	49.2	
F061389	AZ-22-01	259.5	260	0.5	0.012	0.17	0.008	0.009	120	59.1	
F061391	AZ-22-01	260	261	1	<0.001	0.03	0.0025	0.003	38.4	84.7	
F061392	AZ-22-01	261	262	1	<0.001	0.01	0.0025	0.001	8.5	71	
F061393	AZ-22-01	262	262.82	0.82	<0.001	0.08	0.0025	0.0005	115	90.7	
F061394	AZ-22-01	262.82	264	1.18	<0.001	0.05	0.0025	0.0005	108	52	
F061395	AZ-22-01	264	266	2	<0.001	0.07	0.0025	0.0005	124.5	55.8	
F061396	AZ-22-01	266	268	2	<0.001	0.03	0.0025	0.0005	117.5	56	
F061397	AZ-22-01	268	270	2	<0.001	0.03	0.0025	0.0005	92.9	52.6	
F061398	AZ-22-01	270	272	2	<0.001	0.06	0.0025	0.0005	128	56.2	
F061401	AZ-22-02	4	6	2	<0.001	0.03	0.0025	0.0005	13	1.9	
F061402	AZ-22-02	6	8	2	0.006	0.03	0.0025	0.0005	21.3	7	
F061403	AZ-22-02	8	10	2	0.003	0.18	0.009	0.006	175.5	106.5	
F061404	AZ-22-02	10	12	2	0.004	0.07	0.0025	0.001	76.8	28.4	
F061405	AZ-22-02	12	14	2	0.001	0.02	0.0025	0.0005	32.2	8.4	
F061406	AZ-22-02	14	15.4	1.4	0.001	0.05	0.0025	0.002	55.6	57.2	
F061407	AZ-22-02	15.4	16.4	1	0.001	0.13	0.007	0.005	167	95.1	
F061408	AZ-22-02	16.4	17.4	1	0.001	0.09	0.007	0.006	129.5	83.9	
F061409	AZ-22-02	17.4	18.4	1	0.002	0.1	0.008	0.005	156	115.5	
F061411	AZ-22-02	18.4	19.4	1	0.002	0.12	0.007	0.005	172	126	
F062070	AZ-22-02	19.4	20	0.6	0.003	0.11	0.007	0.005	147	131	
F061413	AZ-22-02	20	22	2	0.001	0.09	0.006	0.004	113	114.5	
F061414	AZ-22-02	22	24	2	0.01	0.05	0.007	0.009	109	38.4	
F061415	AZ-22-02	24	26	2	0.002	0.08	0.01	0.012	127	49.1	
F061416	AZ-22-02	26	28	2	0.004	0.09	0.015	0.017	166.5	45.3	
F061417	AZ-22-02	28	30	2	0.003	0.06	0.016	0.021	127.5	42	
F061418	AZ-22-02	30	32	2	0.003	0.81	0.017	0.022	168	41.1	
F061419	AZ-22-02	32	34	2	0.004	0.08	0.018	0.02	184	35.8	
F061421	AZ-22-02	34	36	2	0.003	0.08	0.016	0.018	152	93.8	
F061422	AZ-22-02	36	38	2	0.007	0.12	0.016	0.018	209	48.9	
F061423	AZ-22-02	38	40	2	0.003	0.04	0.014	0.016	72.8	50.4	
F061424	AZ-22-02	40	42	2	0.002	0.31	0.018	0.021	80.9	62.7	
F061425	AZ-22-02	42	44	2	0.008	0.08	0.016	0.02	149	43	
F061426	AZ-22-02	44	46	2	0.004	0.06	0.015	0.016	121.5	44.1	
F061427	AZ-22-02	46	48	2	0.005	0.05	0.013	0.014	139.5	41.8	
F061428	AZ-22-02	48	50	2	0.004	0.07	0.007	0.007	141.5	42	
F061429	AZ-22-02	50	52	2	0.003	0.07	0.014	0.012	129	40.6	
F061431	AZ-22-02	52	54	2	0.003	0.09	0.011	0.015	142.5	45.2	
F061432	AZ-22-02	54	55	1	0.019	0.33	0.014	0.021	422	68.1	
F061433	AZ-22-02	55	55.77	0.77	0.002	0.07	0.029	0.019	62.6	58.7	
F061434	AZ-22-02	55.77	57	1.23	<0.001	0.04	0.0025	0.002	29.4	51.1	
F061435	AZ-22-02	57	58	1	0.001	0.06	0.008	0.011	38.4	56	
F061436	AZ-22-02	58	59	1	0.004	0.07	0.017	0.026	50.4	58.4	
F061437	AZ-22-02	59	60	1	0.003	0.13	0.014	0.019	170.5	168.5	
F061438	AZ-22-02	60	61	1	0.005	0.22	0.012	0.016	205	160	
F061439	AZ-22-02	61	62	1	0.004	0.07	0.008	0.014	95	147.5	
F061441	AZ-22-02	62	63	1	0.007	0.16	0.006	0.008	130.5	208	
F061442	AZ-22-02	63	65	2	0.006	0.14	0.008	0.013	185	224	
F061443	AZ-22-02	65	67	2	0.005	0.09	0.008	0.013	188	235	
F061444	AZ-22-02	67	69	2	0.007	0.07	0.008	0.012	158.5	230	
F061445	AZ-22-02	69	70	1	0.003	0.06	0.006	0.012	151	216	
F061446	AZ-22-02	70	70.69	0.69	0.003	0.03	0.0025	0.009	49.9	258	
F061447	AZ-22-02	70.69	72	1.31	0.007	0.08	0.008	0.008	219	344	
F061448	AZ-22-02	72	73	1	0.016	0.24	0.018	0.03	631	750	
F061449	AZ-22-02	73	74	1	0.032	0.43	0.057	0.103	972	1170	
F061451	AZ-22-02	74	75	1	0.017	0.39	0.018	0.03	677	824	

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME-MS61
F061452	AZ-22-02	75	76	1	0.003	0.1	0.0025	0.001	229	365
F061453	AZ-22-02	76	77	1	0.002	0.09	0.0025	0.0005	172	236
F061454	AZ-22-02	77	78	1	0.001	0.08	0.0025	0.0005	122.5	220
F061455	AZ-22-02	78	79	1	0.002	0.12	0.0025	0.0005	147.5	227
F061456	AZ-22-02	79	80	1	0.001	0.06	0.0025	0.0005	83.3	163.5
F061457	AZ-22-02	80	81	1	0.065	0.01	0.0025	0.0005	17.8	61.4
F061458	AZ-22-02	81	82	1	0.001	0.06	0.0025	0.0005	46.3	77.2
F061459	AZ-22-02	82	83	1	0.001	0.06	0.0025	0.0005	50.2	80.8
F061461	AZ-22-02	83	84.4	1.4	<0.001	0.06	0.0025	0.0005	43.8	74.5
F061462	AZ-22-02	84.4	84.9	0.5	0.001	0.05	0.0025	0.0005	42.5	59.8
F061463	AZ-22-02	84.9	85.4	0.5	<0.001	0.04	0.0025	0.0005	31.9	52
F061464	AZ-22-02	85.4	86.5	1.1	<0.001	0.02	0.0025	0.0005	17.6	1.8
F061465	AZ-22-02	86.5	88	1.5	<0.001	0.04	0.0025	0.0005	34.9	62.5
F061466	AZ-22-02	88	89.14	1.14	0.001	0.03	0.0025	0.001	39.2	65
F061467	AZ-22-02	110.75	112	1.25	<0.001	0.12	0.0025	0.0005	39.5	60.7
F061468	AZ-22-02	112	113	1	<0.001	0.04	0.0025	0.0005	42.3	73.3
F061469	AZ-22-02	113	113.78	0.78	0.001	0.02	0.0025	0.0005	27.9	66.9
F061471	AZ-22-02	113.78	115	1.22	0.001	0.02	0.0025	0.0005	6.2	72.9
F061472	AZ-22-02	115	116	1	0.004	0.07	0.0025	0.002	15.8	94.2
F061473	AZ-22-02	116	117	1	0.011	0.13	0.0025	0.007	54.8	489
F061474	AZ-22-02	117	118	1	0.006	0.11	0.008	0.016	94.3	218
F061475	AZ-22-02	118	118.89	0.89	0.011	0.15	0.017	0.075	120.5	375
F061476	AZ-22-02	118.89	120	1.11	0.002	0.11	0.007	0.011	89.3	123
F061477	AZ-22-02	120	121	1	0.002	0.15	0.012	0.017	71.4	114
F061478	AZ-22-02	121	122	1	0.003	0.09	0.008	0.016	21.8	99.4
F061479	AZ-22-02	122	123	1	0.002	0.29	0.008	0.013	69.7	118.5
F061481	AZ-22-02	123	124	1	0.002	0.78	0.008	0.018	100.5	177
F061482	AZ-22-02	124	125	1	0.004	0.54	0.0025	0.004	87.5	128
F061483	AZ-22-02	125	126	1	0.003	0.16	0.041	0.104	13.2	275
F061484	AZ-22-02	126	127	1	0.001	0.04	0.028	0.038	9.2	357
F061485	AZ-22-02	127	128	1	0.002	0.14	0.011	0.017	86.1	149
F061486	AZ-22-02	128	129	1	0.001	0.04	0.011	0.013	15.1	184
F061487	AZ-22-02	129	130.5	1.5	0.001	0.31	0.014	0.015	67.9	341
F061488	AZ-22-02	130.5	132	1.5	0.001	0.39	0.007	0.012	93.5	158
F061489	AZ-22-02	132	134	2	0.001	0.1	0.006	0.009	50.9	154.5
F061491	AZ-22-02	134	136	2	0.002	0.5	0.005	0.007	79.3	184.5
F061492	AZ-22-02	136	138	2	0.001	0.26	0.0025	0.004	82.9	118
F061493	AZ-22-02	138	139.5	1.5	0.001	0.24	0.005	0.007	100.5	147
F061494	AZ-22-02	139.5	141	1.5	0.002	0.23	0.007	0.016	73.1	154
F061501	AZ-22-03	48.35	49.45	1.1	0.002	0.03	0.0025	0.001	42.1	56.1
F061502	AZ-22-03	49.45	50	0.55	0.003	0.04	0.0025	0.001	55.3	88.4
F061503	AZ-22-03	50	50.6	0.6	0.002	0.02	0.0025	0.001	35.5	74.9
F061504	AZ-22-03	50.6	51.83	1.23	0.002	0.05	0.0025	0.002	57.8	230
F061505	AZ-22-03	51.83	53	1.17	0.001	0.02	0.0025	0.001	54.3	95.3
F061506	AZ-22-03	53	55	2	0.002	0.08	0.0025	0.003	62.7	168.5
F061507	AZ-22-03	55	57	2	0.002	0.09	0.0025	0.001	50.9	106
F061508	AZ-22-03	57	59	2	<0.001	0.09	0.0025	0.001	50.8	106
F061509	AZ-22-03	59	61	2	<0.001	0.06	0.0025	0.001	53.1	107
F061511	AZ-22-03	61	62.3	1.3	0.002	0.11	0.0025	0.001	42.3	84.6
F061512	AZ-22-03	62.3	63	0.7	0.005	0.07	0.0025	0.001	74.2	74.7
F061513	AZ-22-03	63	64.28	1.28	0.001	0.05	0.0025	0.001	46.8	79.5
F061514	AZ-22-03	64.28	65	0.72	0.002	0.03	0.0025	0.001	58.9	88.6
F061515	AZ-22-03	65	66	1	0.002	0.03	0.0025	0.0005	41.2	59.6
F061516	AZ-22-03	66	68	2	0.001	0.02	0.0025	0.001	44.5	69.8
F061517	AZ-22-03	68	70	2	0.001	0.04	0.0025	0.001	53.4	72.1
F061518	AZ-22-03	70	72	2	0.001	0.04	0.0025	0.0005	56.1	73.1
F061519	AZ-22-03	72	74	2	<0.001	0.04	0.0025	0.001	42.8	64.3
F061521	AZ-22-03	74	76	2	<0.001	0.03	0.0025	0.001	54.1	83.1
F061522	AZ-22-03	76	78	2	<0.001	0.05	0.0025	0.001	59.8	79.4
F061523	AZ-22-03	78	78.59	0.59	<0.001	0.03	0.0025	0.0005	48.4	77.7

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME-MS61
F061524	AZ-22-03	78.59	80	1.41	0.001	0.05	0.0025	0.0005	54.4	82.1
F061525	AZ-22-03	80	80.65	0.65	0.001	0.1	0.0025	0.001	125.5	146
F061526	AZ-22-03	80.65	82.1	1.45	0.001	0.005	0.0025	0.0005	18	1.7
F061527	AZ-22-03	82.1	83	0.9	<0.001	0.03	0.0025	0.001	44.5	70.9
F061528	AZ-22-03	83	85	2	0.002	0.02	0.0025	0.001	64.6	93.7
F061529	AZ-22-03	85	87	2	0.002	0.02	0.0025	0.001	49.6	82.3
F061531	AZ-22-03	87	89	2	0.001	0.02	0.0025	0.0005	60.8	83
F061532	AZ-22-03	89	91	2	0.001	0.03	0.0025	0.001	65.4	93.3
F061533	AZ-22-03	91	93	2	0.001	0.02	0.0025	0.0005	61.3	77.3
F061534	AZ-22-03	93	95	2	0.001	0.03	0.0025	0.001	86.7	119.5
F061535	AZ-22-03	95	97	2	0.002	0.05	0.0025	0.001	109.5	102
F061536	AZ-22-03	97	99	2	0.002	0.05	0.0025	0.002	79.1	87.1
F061537	AZ-22-03	99	101	2	0.001	0.04	0.0025	0.001	52.1	90
F061538	AZ-22-03	101	103	2	0.001	0.05	0.0025	0.001	58.5	87.7
F061539	AZ-22-03	103	105	2	0.001	0.04	0.0025	0.0005	44.8	61.7
F061541	AZ-22-03	105	107	2	0.002	0.1	0.0025	0.001	65.9	95.5
F061542	AZ-22-03	107	108	1	0.004	0.09	0.0025	0.001	59.7	92.9
F061543	AZ-22-03	108	109	1	0.001	0.05	0.0025	0.001	47.2	79.6
F061544	AZ-22-03	109	110	1	0.001	0.09	0.0025	0.001	53.2	78.9
F061545	AZ-22-03	110	111	1	0.001	0.03	0.0025	0.001	30.9	58.5
F061546	AZ-22-03	111	112.05	1.05	0.002	0.07	0.0025	0.001	41.1	78.5
F061547	AZ-22-03	112.05	113	0.95	0.019	0.12	0.0025	0.005	68.1	66.5
F061548	AZ-22-03	113	114	1	0.186	0.4	0.011	0.031	168	352
F061549	AZ-22-03	114	115	1	0.149	0.84	0.0025	0.021	159	169
F061551	AZ-22-03	115	116	1	0.268	1.08	0.0025	0.007	93.9	96.2
F061552	AZ-22-03	116	117.04	1.04	0.192	0.35	0.0025	0.002	74.1	78.8
F061553	AZ-22-03	117.04	118	0.96	1.515	7.78	0.0025	0.0005	16.3	29
F061554	AZ-22-03	118	118.56	0.56	4.02	10.6	0.0025	0.0005	24.9	17.7
F061555	AZ-22-03	118.56	120	1.44	1.025	2.65	0.0025	0.0005	102.5	23.6
F061556	AZ-22-03	120	121.19	1.19	0.584	1.8	0.0025	0.0005	231	43.2
F061557	AZ-22-03	121.19	121.69	0.5	0.157	1.51	0.0025	0.0005	135.5	46.4
F061558	AZ-22-03	121.69	123	1.31	0.138	1.78	0.162	0.125	195	618
F061559	AZ-22-03	123	124	1	0.084	0.8	0.0025	0.004	52.1	82.7
F061561	AZ-22-03	124	125	1	0.183	1.52	0.0025	0.001	168	28
F061562	AZ-22-03	125	126	1	0.069	1.05	0.0025	0.006	135	87.9
F061563	AZ-22-03	126	127	1	0.663	1.84	0.0025	0.003	244	33.7
F061564	AZ-22-03	127	127.63	0.63	0.167	0.79	0.0025	0.001	125	31.4
F061565	AZ-22-03	127.63	129	1.37	0.007	0.25	0.005	0.007	52.1	87.5
F061566	AZ-22-03	129	130	1	0.007	0.42	0.014	0.006	181	76.7
F061567	AZ-22-03	130	132	2	0.005	0.26	0.014	0.004	99.8	67.5
F061568	AZ-22-03	132	134	2	0.005	0.12	0.023	0.016	67.2	61.6
F061569	AZ-22-03	134	135	1	0.004	0.05	0.005	0.005	50.7	78.9
F061571	AZ-22-03	135	136	1	0.006	0.08	0.013	0.008	62.8	70.5
F061572	AZ-22-03	136	138	2	0.008	0.08	0.055	0.014	67.1	70.9
F061573	AZ-22-03	138	140	2	0.005	0.08	0.062	0.01	81.1	64.8
F061574	AZ-22-03	140	141	1	0.006	0.09	0.027	0.018	93.9	63.8
F061575	AZ-22-03	141	142	1	0.093	0.19	0.012	0.007	80.7	57.4
F061576	AZ-22-03	142	144	2	0.006	0.13	0.0025	0.001	107	65.3
F061577	AZ-22-03	144	146	2	0.002	0.09	0.0025	0.001	85.6	60.2
F061578	AZ-22-03	146	148	2	0.001	0.04	0.0025	0.001	31.5	43.6
F061579	AZ-22-03	148	150	2	0.001	0.05	0.0025	0.0005	79.2	51.2
F061581	AZ-22-03	150	152	2	0.006	0.11	0.0025	0.0005	103	65.1
F061582	AZ-22-03	152	154	2	0.005	0.21	0.0025	0.005	228	91.9
F061583	AZ-22-03	154	156	2	0.005	0.14	0.006	0.003	115.5	71.6
F061584	AZ-22-03	156	157	1	0.009	0.19	0.0025	0.002	140	48.5
F061585	AZ-22-03	157	157.8	0.8	0.006	0.77	0.0025	0.0005	538	44.2
F061586	AZ-22-03	157.8	158.3	0.5	0.002	0.17	0.0025	0.0005	63.7	21.5
F061587	AZ-22-03	158.3	159	0.7	0.002	0.09	0.0025	0.0005	77.3	28.8
F061588	AZ-22-03	159	160	1	0.008	0.42	0.0025	0.0005	329	36.7
F061589	AZ-22-03	160	161	1	0.005	0.29	0.0025	0.0005	183.5	30.8

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME	MS61
F061591	AZ-22-03	161	162	1	0.01	0.55	0.0025	0.001	355	51.9	
F061592	AZ-22-03	162	164	2	0.003	0.08	0.01	0.01	69.8	123.5	
F061593	AZ-22-03	164	165.6	1.6	0.006	0.27	0.008	0.008	233	124	
F061594	AZ-22-03	165.6	166.1	0.5	0.003	0.11	0.0025	0.001	83.8	67.9	
F061595	AZ-22-03	166.1	167	0.9	0.001	0.04	0.0025	0.001	26.2	62.1	
F061596	AZ-22-03	167	168.25	1.25	0.001	0.04	0.0025	0.001	47.6	69.8	
F061597	AZ-22-03	168.25	169.25	1	0.002	0.06	0.0025	0.004	97.3	79.6	
F061598	AZ-22-03	169.25	170.55	1.3	0.003	0.15	0.0025	0.001	137.5	67.9	
F061599	AZ-22-03	195.83	197	1.17	0.014	0.03	0.03	0.02	71.7	106.5	
F061601	AZ-22-03	197	199	2	0.003	0.05	0.019	0.022	58.4	100	
F061602	AZ-22-03	199	200	1	0.001	0.02	0.0025	0.008	31.4	101.5	
F061603	AZ-22-03	200	201	1	0.001	0.04	0.0025	0.009	81.5	140.5	
F061604	AZ-22-03	201	202	1	0.001	0.03	0.0025	0.009	37.6	109	
F061605	AZ-22-03	202	204	2	0.001	0.03	0.0025	0.008	28.7	111.5	
F061606	AZ-22-03	204	206	2	0.001	0.02	0.0025	0.007	24.8	112.5	
F061651	AZ-22-04	14.22	15	0.78	0.001	0.07	0.0025	0.001	57.4	161	
F061652	AZ-22-04	15	16	1	0.003	0.13	0.008	0.007	119	111	
F061653	AZ-22-04	16	17	1	0.002	0.14	0.012	0.011	151.5	103	
F061654	AZ-22-04	17	18.31	1.31	0.002	0.11	0.012	0.011	124	92.8	
F061655	AZ-22-04	39	40	1	<0.001	0.03	0.0025	0.0005	33.1	49.6	
F061656	AZ-22-04	40	41.05	1.05	0.005	0.02	0.0025	0.001	35.4	74.7	
F061657	AZ-22-04	41.05	41.55	0.5	0.024	0.16	0.01	0.011	119.5	95.5	
F061658	AZ-22-04	41.55	42.5	0.95	0.008	0.1	0.0025	0.003	62.4	87.2	
F061659	AZ-22-04	42.5	43.15	0.65	0.002	0.08	0.0025	0.001	44.9	92.6	
F061661	AZ-22-04	43.15	45	1.85	0.001	0.1	0.0025	0.0005	54.7	93.1	
F061662	AZ-22-04	45	47	2	0.001	0.11	0.0025	0.001	49	91.9	
F061663	AZ-22-04	47	49	2	<0.001	0.08	0.0025	0.001	45.4	86.7	
F061664	AZ-22-04	49	51	2	<0.001	0.08	0.0025	0.0005	41.7	82.2	
F061665	AZ-22-04	51	53	2	<0.001	0.07	0.0025	0.001	34.8	92.9	
F061666	AZ-22-04	53	55	2	<0.001	0.07	0.0025	0.0005	37.2	78	
F061667	AZ-22-04	55	57	2	<0.001	0.07	0.0025	0.001	39	81.2	
F061668	AZ-22-04	57	59	2	<0.001	0.07	0.0025	0.001	41.8	77.4	
F061669	AZ-22-04	59	61	2	<0.001	0.07	0.0025	0.0005	46.8	80.6	
F061671	AZ-22-04	61	63	2	<0.001	0.04	0.0025	0.0005	42.8	81.4	
F061672	AZ-22-04	63	64.49	1.49	<0.001	0.04	0.0025	0.0005	32.1	65.8	
F061673	AZ-22-04	64.49	65.5	1.01	<0.001	0.03	0.0025	0.0005	21.2	67.6	
F061674	AZ-22-04	65.5	66.2	0.7	<0.001	0.1	0.0025	0.0005	41.9	72.8	
F061675	AZ-22-04	66.2	66.85	0.65	0.001	0.01	0.0025	0.0005	18.6	5.4	
F061676	AZ-22-04	66.85	68	1.15	<0.001	0.03	0.0025	0.0005	27	61.7	
F061677	AZ-22-04	68	70	2	<0.001	0.03	0.0025	0.0005	29.6	63.5	
F061678	AZ-22-04	70	72	2	<0.001	0.03	0.0025	0.0005	33.8	67.3	
F061679	AZ-22-04	72	73	1	<0.001	0.01	0.0025	0.0005	8.6	48.6	
F061681	AZ-22-04	73	74	1	<0.001	0.02	0.0025	0.0005	31	68.6	
F061682	AZ-22-04	74	76	2	<0.001	0.02	0.0025	0.0005	35.4	71.6	
F061683	AZ-22-04	76	78	2	<0.001	0.02	0.0025	0.0005	40.8	84.3	
F061684	AZ-22-04	78	80	2	<0.001	0.02	0.0025	0.0005	39.7	67.7	
F061685	AZ-22-04	80	82	2	<0.001	0.03	0.0025	0.0005	33.6	68.8	
F061686	AZ-22-04	82	84	2	<0.001	0.02	0.0025	0.0005	21.9	44.4	
F061687	AZ-22-04	84	86	2	<0.001	0.03	0.0025	0.001	44	70.2	
F061688	AZ-22-04	86	88	2	<0.001	0.02	0.0025	0.0005	37.2	62.2	
F061689	AZ-22-04	88	89	1	0.001	0.02	0.0025	0.0005	35.6	59	
F061691	AZ-22-04	89	90	1	0.001	0.1	0.0025	0.0005	32.3	57.8	
F061692	AZ-22-04	90	92	2	0.001	0.03	0.0025	0.0005	36.2	58.8	
F061693	AZ-22-04	92	94	2	0.001	0.03	0.0025	0.0005	31.7	60.4	
F061694	AZ-22-04	94	96	2	<0.001	0.03	0.0025	0.0005	40.4	63.5	
F061695	AZ-22-04	96	98	2	<0.001	0.03	0.0025	0.0005	36.1	68	
F061696	AZ-22-04	98	100	2	<0.001	0.03	0.0025	0.0005	37.9	63.6	
F061697	AZ-22-04	100	102	2	<0.001	0.02	0.0025	0.0005	30.1	60.6	
F061698	AZ-22-04	102	104	2	<0.001	0.03	0.0025	0.0005	35.9	61.6	
F061699	AZ-22-04	104	106	2	<0.001	0.04	0.0025	0.0005	39.6	59.1	

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME-MS61
F061701	AZ-22-04	106	108	2	0.01	0.02	0.0025	0.0005	27.2	55.6
F061702	AZ-22-04	108	110	2	0.001	0.02	0.0025	0.0005	25.9	56.3
F061703	AZ-22-04	110	112	2	0.003	0.02	0.0025	0.0005	29.2	58.4
F061704	AZ-22-04	112	114	2	0.002	0.12	0.0025	0.003	226	150
F061705	AZ-22-04	114	116	2	0.004	0.33	0.006	0.009	579	366
F061706	AZ-22-04	116	117	1	0.002	0.07	0.0025	0.003	138.5	141.5
F061707	AZ-22-04	117	118	1	0.001	0.06	0.0025	0.001	112.5	103
F061708	AZ-22-04	118	119	1	0.009	0.44	0.005	0.008	663	266
F061709	AZ-22-04	119	120	1	0.004	0.4	0.0025	0.007	480	256
F061711	AZ-22-04	120	122	2	0.003	0.26	0.0025	0.006	388	212
F061712	AZ-22-04	122	124	2	0.001	0.06	0.0025	0.0005	74.1	68.2
F061713	AZ-22-04	124	126	2	<0.001	0.05	0.0025	0.0005	47	60.9
F061714	AZ-22-04	126	128	2	<0.001	0.1	0.0025	0.001	102	97.9
F061715	AZ-22-04	128	130	2	<0.001	0.06	0.0025	0.0005	89.6	99.6
F061716	AZ-22-04	130	132	2	<0.001	0.05	0.0025	0.0005	42.8	61.2
F061717	AZ-22-04	132	134	2	0.001	0.03	0.0025	0.0005	25.1	33.5
F061718	AZ-22-04	134	136	2	0.002	0.14	0.0025	0.001	56.6	144.5
F061719	AZ-22-04	136	138	2	<0.001	0.1	0.0025	0.0005	48.8	143.5
F061721	AZ-22-04	138	139.48	1.48	0.001	0.08	0.0025	0.0005	62.5	141
F061722	AZ-22-04	139.48	140.5	1.02	0.002	0.02	0.0025	0.0005	63.5	54.2
F061723	AZ-22-04	140.5	141.52	1.02	0.003	0.02	0.0025	0.0005	14.7	15.8
F061724	AZ-22-04	141.52	142.02	0.5	0.001	0.02	0.0025	0.0005	31.3	97.1
F061725	AZ-22-04	142.02	143	0.98	0.153	0.34	0.0025	0.005	349	168.5
F061726	AZ-22-04	143	144	1	0.007	0.1	0.0025	0.003	140	110
F061727	AZ-22-04	144	145	1	0.005	0.09	0.005	0.005	142	174
F061728	AZ-22-04	145	146	1	0.027	0.06	0.0025	0.0005	80.1	81.1
F061729	AZ-22-04	146	146.5	0.5	0.017	0.02	0.0025	0.0005	79.6	64.6
F061731	AZ-22-04	146.5	147	0.5	0.033	0.18	0.0025	0.0005	102	71.8
F061732	AZ-22-04	147	148	1	0.025	0.1	0.0025	0.001	34.2	119.5
F061733	AZ-22-04	148	149	1	0.005	0.07	0.0025	0.0005	36.2	95.9
F061734	AZ-22-04	149	150	1	0.099	0.25	0.0025	0.0005	64.6	56.4
F061735	AZ-22-04	150	151	1	0.24	0.46	0.0025	0.002	23.5	124.5
F061736	AZ-22-04	151	152	1	0.005	0.02	0.0025	0.002	45.1	128
F061737	AZ-22-04	152	153	1	0.016	0.15	0.0025	0.0005	48	29.9
F061738	AZ-22-04	153	154	1	0.048	0.24	0.0025	0.0005	44	29.3
F061739	AZ-22-04	154	155.12	1.12	0.062	0.31	0.0025	0.0005	41.5	5.5
F061741	AZ-22-04	155.12	156	0.88	0.02	0.26	0.0025	0.0005	22.8	6.9
F061742	AZ-22-04	156	157	1	0.26	0.25	0.0025	0.0005	66	3
F061743	AZ-22-04	157	158	1	0.122	0.4	0.0025	0.0005	46.1	2.9
F061744	AZ-22-04	158	159	1	0.009	0.07	0.0025	0.0005	20.2	2.4
F061745	AZ-22-04	159	160	1	0.003	0.03	0.0025	0.0005	12.9	2.7
F061746	AZ-22-04	160	161	1	4.45	0.07	0.0025	0.0005	17.2	2.9
F061747	AZ-22-04	161	163	2	0.008	0.07	0.0025	0.0005	12.4	4.2
F061748	AZ-22-04	163	165	2	0.003	0.05	0.0025	0.0005	17.4	4.1
F061749	AZ-22-04	165	167	2	<0.001	0.05	0.0025	0.0005	11.2	5.3
F061751	AZ-22-04	167	169	2	0.002	0.07	0.0025	0.0005	19.5	4.4
F061752	AZ-22-04	169	171	2	<0.001	0.03	0.0025	0.0005	8.4	4
F061753	AZ-22-04	171	172.06	1.06	0.001	0.06	0.0025	0.0005	12.6	3.8
F061754	AZ-22-04	172.06	172.89	0.83	0.001	0.04	0.0025	0.001	47.4	76.2
F061755	AZ-22-04	172.89	174	1.11	0.002	0.05	0.0025	0.004	37.5	139.5
F061756	AZ-22-04	174	176	2	0.001	0.04	0.007	0.01	56.2	205
F061757	AZ-22-04	176	178	2	0.001	0.05	0.005	0.006	52.5	238
F061758	AZ-22-04	178	180	2	0.001	0.05	0.0025	0.005	47.2	239
F061759	AZ-22-04	180	182	2	0.001	0.05	0.0025	0.004	60.4	162
F061761	AZ-22-04	182	184	2	0.001	0.05	0.0025	0.003	70.3	160
F061762	AZ-22-04	184	186	2	0.001	0.05	0.0025	0.003	55.8	162.5
F061763	AZ-22-04	186	188	2	<0.001	0.03	0.0025	0.003	56.7	195.5
F061764	AZ-22-04	188	190	2	0.003	0.03	0.0025	0.003	47.8	176
F061765	AZ-22-04	190	192	2	0.001	0.03	0.006	0.008	43.7	196.5
F061766	AZ-22-04	192	194	2	0.001	0.03	0.0025	0.006	69.5	183

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME-MS61
F061767	AZ-22-04	194	196	2	0.001	0.08	0.0025	0.003	73.2	163.5
F061768	AZ-22-04	196	198	2	0.001	0.04	0.005	0.006	44	157
F061769	AZ-22-04	198	200	2	0.002	0.03	0.012	0.015	32.7	138.5
F061771	AZ-22-04	200	202	2	0.001	0.04	0.011	0.014	27.9	117
F061772	AZ-22-04	202	203.5	1.5	0.001	0.08	0.013	0.017	91.8	116.5
F061773	AZ-22-04	203.5	204	0.5	0.002	0.19	0.008	0.01	115.5	69.3
F061774	AZ-22-04	204	206	2	0.003	0.07	0.014	0.021	72.8	111.5
F061775	AZ-22-04	206	208	2	0.008	0.08	0.025	0.022	118	104.5
F061776	AZ-22-04	208	210	2	0.009	0.08	0.037	0.019	134.5	118
F061777	AZ-22-04	210	211	1	0.01	0.07	0.034	0.014	142.5	118
F061778	AZ-22-04	211	212	1	0.009	0.07	0.018	0.006	130	116
F061779	AZ-22-04	212	214	2	0.012	0.13	0.028	0.01	176	131.5
F061781	AZ-22-04	214	216	2	0.009	0.09	0.008	0.002	168.5	124
F061782	AZ-22-04	216	218	2	0.01	0.11	0.0025	0.001	241	154
F061783	AZ-22-04	218	220	2	0.003	0.09	0.0025	0.001	177	127.5
F061784	AZ-22-04	220	222	2	0.004	0.11	0.0025	0.002	204	144
F061785	AZ-22-04	222	223.66	1.66	0.005	0.18	0.005	0.002	109.5	101
F061786	AZ-22-04	223.66	225	1.34	0.029	0.04	0.0025	0.001	10.8	3.1
F061787	AZ-22-04	225	227	2	0.02	0.02	0.0025	0.001	3.8	2.6
F061788	AZ-22-04	227	229	2	0.005	0.02	0.0025	0.0005	2.4	2.7
F061789	AZ-22-04	229	231	2	0.004	0.03	0.0025	0.001	2.4	2.5
F061791	AZ-22-04	231	232	1	0.006	0.02	0.0025	0.0005	5.6	2.3
F061792	AZ-22-04	232	233	1	0.005	0.02	0.0025	0.001	10.6	2.6
F061793	AZ-22-04	233	234	1	0.013	0.04	0.0025	0.0005	7	3
F061794	AZ-22-04	234	236	2	0.029	0.05	0.0025	0.001	8.5	2.2
F061795	AZ-22-04	236	238	2	0.011	0.1	0.0025	0.001	4.9	2.4
F061796	AZ-22-04	238	240	2	0.003	0.07	0.0025	0.001	3.7	2.1
F061801	AZ-22-05	8.3	10	1.7	0.004	0.05	0.0025	0.002	52.7	88.1
F061802	AZ-22-05	10	12	2	0.002	0.06	0.0025	0.002	61.8	122.5
F061803	AZ-22-05	12	14	2	0.002	0.07	0.0025	0.002	66	112
F061804	AZ-22-05	14	16	2	0.001	0.05	0.0025	0.004	71.4	120
F061805	AZ-22-05	16	18	2	0.001	0.04	0.0025	0.002	62.6	112
F061806	AZ-22-05	18	19.5	1.5	0.001	0.2	0.0025	0.002	55.7	111
F061807	AZ-22-05	19.5	20.5	1	0.004	0.13	0.015	0.055	222	197.5
F061808	AZ-22-05	20.5	21.5	1	0.007	0.33	0.021	0.063	552	287
F061809	AZ-22-05	21.5	22	0.5	0.008	0.18	0.029	0.097	336	323
F061811	AZ-22-05	22	24.25	2.25	0.001	0.07	0.0025	0.002	14.8	10.9
F061812	AZ-22-05	24.25	26	1.75	0.003	0.09	0.0025	0.003	115	99.2
F061813	AZ-22-05	26	27.5	1.5	0.002	0.06	0.0025	0.005	114	136
F061814	AZ-22-05	27.5	28.5	1	0.004	0.35	0.0025	0.002	718	386
F061815	AZ-22-05	28.5	30	1.5	0.004	0.16	0.0025	0.002	211	259
F061816	AZ-22-05	30	31.03	1.03	0.002	0.05	0.0025	0.001	82.9	104
F061817	AZ-22-05	31.03	32.74	1.71	0.002	0.02	0.0025	0.0005	20.9	6.2
F061818	AZ-22-05	32.74	34	1.26	0.008	0.3	0.008	0.044	412	382
F061819	AZ-22-05	34	35	1	0.006	0.17	0.006	0.024	274	169.5
F061821	AZ-22-05	35	36.22	1.22	0.007	0.1	0.006	0.036	178	228
F061822	AZ-22-05	36.22	37	0.78	0.022	0.39	0.032	0.341	1095	1255
F061823	AZ-22-05	37	37.95	0.95	0.031	0.42	0.07	0.419	1130	2200
F061824	AZ-22-05	37.95	38.95	1	0.076	0.98	0.058	0.211	2490	1115
F061825	AZ-22-05	38.95	40	1.05	0.008	0.21	0.063	0.467	624	3240
F061826	AZ-22-05	40	41	1	0.008	0.26	0.026	0.327	517	2130
F061827	AZ-22-05	41	41.84	0.84	0.004	0.17	0.022	0.182	353	1465
F061828	AZ-22-05	41.84	42.42	0.58	0.02	0.98	0.057	0.329	2660	1260
F061829	AZ-22-05	42.42	43	0.58	0.014	0.6	0.019	0.244	1785	1210
F061831	AZ-22-05	43	44	1	0.011	0.36	0.05	0.261	1110	1390
F061832	AZ-22-05	44	45	1	0.017	0.43	0.081	0.387	1230	2360
F061833	AZ-22-05	45	45.88	0.88	0.015	0.49	0.032	0.283	1005	2000
F061834	AZ-22-05	45.88	46.5	0.62	0.023	0.3	0.0025	0.01	192.5	177
F061835	AZ-22-05	46.5	47.5	1	0.003	0.1	0.0025	0.005	60.4	124
F061836	AZ-22-05	47.5	48.5	1	0.01	0.03	0.0025	0.002	53	63.3



Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME	MS61
F061837	AZ-22-05	48.5	49.5	1	0.015	0.11	0.0025	0.002	52.8	84.9	
F061838	AZ-22-05	49.5	50.5	1	0.032	0.14	0.0025	0.002	59.9	76.9	
F061839	AZ-22-05	50.5	51.4	0.9	0.029	0.08	0.0025	0.003	94.2	98.3	
F061841	AZ-22-05	51.4	52.6	1.2	0.088	0.15	0.0025	0.001	123	15.9	
F061842	AZ-22-05	52.6	53.41	0.81	0.051	0.16	0.005	0.009	43.5	150.5	
F061843	AZ-22-05	53.41	54	0.59	0.025	0.13	0.0025	0.009	68	164.5	
F061844	AZ-22-05	54	55	1	0.018	0.07	0.007	0.007	73.8	144.5	
F061845	AZ-22-05	55	56	1	0.011	0.06	0.0025	0.006	65.1	148.5	
F061846	AZ-22-05	56	56.93	0.93	0.019	0.16	0.0025	0.007	74.3	131	
F061847	AZ-22-05	56.93	57.68	0.75	0.103	0.65	0.0025	0.002	15.2	16.8	
F061848	AZ-22-05	57.68	58.22	0.54	0.171	1.13	0.0025	0.001	23.6	19.5	
F061849	AZ-22-05	58.22	59	0.78	0.096	0.46	0.006	0.006	19.8	123.5	
F061851	AZ-22-05	59	59.8	0.8	0.005	0.08	0.007	0.01	16.6	101.5	
F061852	AZ-22-05	59.8	60.42	0.62	0.108	0.56	0.0025	0.002	37.9	12.2	
F061853	AZ-22-05	60.42	61.24	0.82	0.012	0.13	0.008	0.005	76.5	139	
F061854	AZ-22-05	61.24	62	0.76	0.006	0.2	0.0025	0.001	133.5	307	
F061855	AZ-22-05	62	63	1	0.008	0.12	0.0025	0.003	111	287	
F061856	AZ-22-05	63	65	2	0.003	0.08	0.0025	0.003	87.8	234	
F061857	AZ-22-05	65	66.82	1.82	0.005	0.13	0.005	0.004	82.2	103.5	
F061858	AZ-22-05	66.82	68	1.18	0.001	0.09	0.0025	0.0005	78.8	50.7	
F061859	AZ-22-05	68	70	2	0.001	0.12	0.0025	0.0005	81.4	52.5	
F061861	AZ-22-05	70	72	2	0.011	0.19	0.0025	0.001	82.6	56.3	
F061862	AZ-22-05	72	74	2	0.001	0.16	0.0025	0.001	80	56.6	
F061863	AZ-22-05	74	76	2	0.001	0.17	0.0025	0.002	55.2	152	
F061864	AZ-22-05	76	78	2	0.002	0.29	0.012	0.007	62.4	81	
F061865	AZ-22-05	78	80	2	0.002	0.32	0.012	0.004	94.3	98.9	
F061866	AZ-22-05	80	82	2	0.003	0.27	0.009	0.008	86.2	119.5	
F061867	AZ-22-05	82	84	2	0.005	0.2	0.0025	0.008	70.6	128	
F061868	AZ-22-05	84	85.8	1.8	0.004	0.19	0.009	0.01	72.8	148.5	
F061869	AZ-22-05	85.8	87	1.2	0.001	0.07	0.0025	0.003	25	78.5	
F061871	AZ-22-05	87	89.22	2.22	0.004	0.11	0.0025	0.006	41.1	106.5	
F061872	AZ-22-05	89.22	90.66	1.44	0.004	0.24	0.008	0.011	104	147	
F061873	AZ-22-05	90.66	92.4	1.74	0.003	0.08	0.007	0.047	29.7	104	
F061874	AZ-22-05	92.4	93.97	1.57	0.004	0.1	0.009	0.025	53.8	142	
F061875	AZ-22-05	93.97	95.6	1.63	<0.001	0.09	0.0025	0.018	51.2	150.5	
F061876	AZ-22-05	95.6	96.7	1.1	0.004	0.05	0.0025	0.007	27.8	79.7	
F061877	AZ-22-05	96.7	97.2	0.5	0.002	0.06	0.0025	0.002	4.2	45.7	
F061878	AZ-22-05	97.2	98	0.8	0.006	0.17	0.0025	0.001	73.6	3.6	
F061879	AZ-22-05	98	99	1	0.146	0.17	0.0025	0.0005	33.5	3.2	
F061881	AZ-22-05	99	100	1	0.002	0.06	0.0025	0.001	26.8	3.6	
F061882	AZ-22-05	100	101.21	1.21	0.001	0.07	0.0025	0.001	16.6	4	
F062101	AZ-22-06	5	5.6	0.6	0.008	0.06	0.0025	0.0005	98.9	83.1	
F062102	AZ-22-06	5.6	6.1	0.5	0.006	0.15	0.0025	0.002	172.5	95.6	
F062103	AZ-22-06	6.1	6.8	0.7	0.005	0.13	0.0025	0.002	203	96.1	
F062104	AZ-22-06	6.8	7.3	0.5	0.003	0.06	0.0025	0.007	94.5	71.8	
F062105	AZ-22-06	7.3	8	0.7	0.002	0.04	0.0025	0.002	53.3	93.6	
F062106	AZ-22-06	8	9	1	0.003	0.08	0.0025	0.004	79.4	125.5	
F062107	AZ-22-06	9	10	1	0.003	0.07	0.01	0.015	107	83.8	
F062108	AZ-22-06	10	11	1	0.002	0.03	0.0025	0.003	57.2	102.5	
F062109	AZ-22-06	11	12	1	0.002	0.03	0.005	0.006	31.9	126.5	
F062111	AZ-22-06	12	13.2	1.2	0.003	0.15	0.005	0.007	104	165	
F062112	AZ-22-06	13.2	14.65	1.45	0.002	0.02	0.0025	0.001	14.2	8.7	
F062113	AZ-22-06	14.65	15.5	0.85	0.002	0.04	0.0025	0.004	29.1	88.8	
F062114	AZ-22-06	15.5	16	0.5	0.003	0.05	0.0025	0.002	40	120	
F062115	AZ-22-06	16	16.62	0.62	0.001	0.02	0.0025	0.0005	10.8	19.7	
F062116	AZ-22-06	16.62	18	1.38	0.005	0.3	0.006	0.006	422	305	
F062117	AZ-22-06	18	19	1	0.002	0.05	0.009	0.01	72.2	124	
F062118	AZ-22-06	19	20	1	0.001	0.03	0.0025	0.002	43.6	64.7	
F062119	AZ-22-06	20	21	1	0.002	0.03	0.0025	0.001	41.2	48.4	
F062121	AZ-22-06	21	22	1	0.003	0.21	0.0025	0.001	289	119	

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME	MS61
F062122	AZ-22-06	22	23	1	0.002	0.03	0.0025	0.001	40.5	50.2	
F062123	AZ-22-06	23	24	1	0.002	0.02	0.0025	0.001	39.4	58.7	
F062124	AZ-22-06	24	25	1	0.002	0.04	0.0025	0.001	58.4	70.1	
F062125	AZ-22-06	25	26	1	0.002	0.14	0.0025	0.003	46.4	102.5	
F062126	AZ-22-06	26	27	1	0.002	0.06	0.0025	0.002	65.1	138	
F062127	AZ-22-06	27	28	1	0.002	0.06	0.0025	0.001	54.8	62.2	
F062128	AZ-22-06	28	29	1	0.002	0.17	0.0025	0.001	53.9	55.9	
F062129	AZ-22-06	29	30	1	0.001	0.05	0.0025	0.001	39.7	58.1	
F062131	AZ-22-06	30	31	1	0.002	0.05	0.0025	0.001	46.5	61.8	
F062132	AZ-22-06	31	32.2	1.2	0.005	0.17	0.0025	0.002	56.6	83.1	
F062133	AZ-22-06	32.2	33	0.8	0.018	0.58	0.0025	0.001	129	76.2	
F062134	AZ-22-06	33	34	1	0.036	0.13	0.0025	0.002	94.2	50.1	
F062135	AZ-22-06	34	35	1	0.202	0.7	0.013	0.041	169.5	108	
F062136	AZ-22-06	35	36	1	0.032	0.07	0.0025	0.001	33.7	45.5	
F062137	AZ-22-06	36	37	1	0.081	0.33	0.012	0.055	141.5	275	
F062138	AZ-22-06	37	38	1	0.098	0.18	0.0025	0.001	69.1	22.4	
F062139	AZ-22-06	38	39	1	0.007	0.02	0.0025	0.005	36.2	68.8	
F062141	AZ-22-06	39	40	1	0.012	0.44	0.01	0.037	213	117	
F062142	AZ-22-06	40	40.9	0.9	0.065	0.44	0.007	0.028	309	97.8	
F062143	AZ-22-06	40.9	42	1.1	0.22	0.69	0.005	0.012	35.5	92.3	
F062144	AZ-22-06	42	43	1	0.008	0.08	0.0025	0.002	91.7	147.5	
F062145	AZ-22-06	43	44	1	0.006	0.1	0.009	0.024	102	161	
F062146	AZ-22-06	44	45.23	1.23	0.022	0.07	0.0025	0.005	100	173.5	
F062147	AZ-22-06	45.23	47.48	2.25	0.008	0.05	0.0025	0.001	75.8	70.6	
F062148	AZ-22-06	47.48	48.32	0.84	0.145	0.15	0.0025	0.0005	23	4.8	
F062149	AZ-22-06	48.32	49.28	0.96	0.01	0.05	0.0025	0.004	29.1	43.5	
F062151	AZ-22-06	49.28	50.04	0.76	0.006	0.04	0.008	0.005	68.3	45.7	
F062152	AZ-22-06	50.04	51.63	1.59	0.005	0.02	0.0025	0.004	55.5	98.6	
F062153	AZ-22-06	51.63	53	1.37	0.065	0.14	0.0025	0.0005	72.6	2.4	
F062154	AZ-22-06	53	54	1	0.042	0.11	0.0025	0.0005	8.1	1	
F062155	AZ-22-06	54	55.44	1.44	0.005	0.03	0.0025	0.001	20.8	24.9	
F062156	AZ-22-06	55.44	56	0.56	0.002	0.01	0.0025	0.001	5.5	29.1	
F062157	AZ-22-06	56	56.51	0.51	0.014	0.05	0.0025	0.003	49.8	52.7	
F062158	AZ-22-06	56.51	58	1.49	0.004	0.04	0.0025	0.002	68.8	62.5	
F062159	AZ-22-06	58	60	2	0.007	0.04	0.0025	0.001	107	71.8	
F062161	AZ-22-06	60	61.83	1.83	0.004	0.03	0.0025	0.002	66.7	83.4	
F062162	AZ-22-06	61.83	63.5	1.67	0.002	0.03	0.0025	0.002	55.6	176.5	
F062163	AZ-22-06	63.5	65	1.5	0.003	0.03	0.0025	0.001	99.9	83	
F062164	AZ-22-06	65	67	2	<0.001	0.07	0.0025	0.001	67.2	85.2	
F062165	AZ-22-06	67	69	2	0.002	0.05	0.0025	0.001	50.8	76.7	
F062166	AZ-22-06	69	71	2	0.002	0.03	0.0025	0.001	59.1	77.4	
F062167	AZ-22-06	71	71.82	0.82	0.002	0.03	0.0025	0.001	49.5	99.2	
F062168	AZ-22-06	71.82	73	1.18	0.002	0.03	0.0025	0.002	35.8	166	
F062169	AZ-22-06	73	75	2	<0.001	0.03	0.0025	0.002	37.6	166	
F062171	AZ-22-06	75	77	2	0.002	0.05	0.0025	0.001	73.3	115.5	
F062172	AZ-22-06	77	79	2	0.002	0.05	0.0025	0.002	77	78.8	
F062173	AZ-22-06	79	81	2	0.002	0.02	0.0025	0.011	49.3	106.5	
F062174	AZ-22-06	81	83.29	2.29	0.002	0.03	0.0025	0.001	64.3	73	
F062175	AZ-22-06	83.29	85	1.71	0.001	0.02	0.0025	0.001	34.1	47	
F062176	AZ-22-06	85	87.3	2.3	0.001	0.03	0.0025	0.001	30.2	53.3	
F062177	AZ-22-06	87.3	88.63	1.33	0.004	0.04	0.0025	0.001	23.6	29.4	
F062178	AZ-22-06	88.63	90	1.37	0.003	0.03	0.0025	0.003	22.4	79.3	
F062179	AZ-22-06	90	93	3	0.004	0.01	0.0025	0.001	10.6	62.9	
F062181	AZ-22-06	93	94.12	1.12	0.001	0.02	0.0025	0.002	19.2	91.7	
F062182	AZ-22-06	94.12	95.9	1.78	0.003	0.1	0.0025	0.0005	88.4	177	
F062183	AZ-22-06	95.9	97	1.1	0.004	0.06	0.0025	0.002	54.5	123.5	
F062184	AZ-22-06	97	98	1	0.003	0.01	0.0025	0.002	2.2	98.8	
F062185	AZ-22-06	98	100.28	2.28	0.007	0.01	0.0025	0.005	22.9	114	
F062186	AZ-22-06	100.28	102	1.72	0.003	0.02	0.0025	0.0005	42.2	108.5	
F062187	AZ-22-06	102	104	2	0.003	0.05	0.0025	0.0005	90.7	80.1	

Sample	Drill Hole	From (m)	To (m)	Length (m)	Au_ppm_PC	Ag_ppm_ME	Pt_ppm_PGV	Pd_ppm_PGV	Cu_ppm_ME	Ni_ppm_ME-MS61
F062188	AZ-22-06	104	106	2	0.002	0.03	0.0025	0.0005	49.8	74.1
F062189	AZ-22-06	106	108	2	0.002	0.03	0.0025	0.0005	53.2	97.7
F062191	AZ-22-06	108	110	2	0.001	0.02	0.0025	0.0005	53.2	76.5
F062192	AZ-22-06	110	112	2	0.001	0.02	0.0025	0.0005	52.2	64.2
F062193	AZ-22-06	112	114	2	0.002	0.02	0.0025	0.001	54.7	55
F062194	AZ-22-06	114	116	2	0.002	0.03	0.0025	0.0005	74.3	58
F062195	AZ-22-06	116	118	2	0.002	0.03	0.0025	0.0005	79.6	75.7
F062196	AZ-22-06	118	120	2	0.002	0.02	0.0025	0.0005	60	64.4
F062197	AZ-22-06	120	121	1	0.002	0.02	0.0025	0.0005	70.6	67.6
F062198	AZ-22-06	121	121.8	0.8	0.003	0.04	0.0025	0.0005	51.3	63.3
F062199	AZ-22-06	121.8	122.4	0.6	0.002	0.07	0.0025	0.0005	36	46.5
F062301	AZ-22-06	122.4	122.9	0.5	0.006	0.13	0.0025	0.002	175.5	148.5
F062302	AZ-22-06	122.9	124.35	1.45	0.002	0.02	0.0025	0.002	26.7	123.5
F062303	AZ-22-06	124.35	126.53	2.18	0.002	0.02	0.0025	0.0005	9.5	12
F062304	AZ-22-06	126.53	128.85	2.32	0.002	0.02	0.0025	0.0005	40.8	117.5
F062305	AZ-22-06	128.85	129.6	0.75	0.002	0.03	0.009	0.009	21.7	313
F062306	AZ-22-06	129.6	130.51	0.91	0.005	0.03	0.0025	0.002	38.6	229
F062307	AZ-22-06	130.51	132	1.49	0.004	0.06	0.0025	0.001	51.2	76.9
F062308	AZ-22-06	132	133.9	1.9	0.004	0.08	0.0025	0.001	61.5	107
F062309	AZ-22-06	133.9	135	1.1	0.004	0.05	0.0025	0.003	39.2	223
F062311	AZ-22-06	135	136.1	1.1	0.003	0.03	0.0025	0.0005	3.7	3.7
F062312	AZ-22-06	136.1	136.65	0.55	0.004	0.03	0.0025	0.0005	8.4	20.8
F062313	AZ-22-06	136.65	137.7	1.05	0.002	0.06	0.0025	0.003	24.1	228
F062314	AZ-22-06	137.7	138.9	1.2	0.003	0.08	0.0025	0.0005	14.6	19.6
F062315	AZ-22-06	138.9	140	1.1	0.003	0.09	0.0025	0.0005	52.7	90.9
F062316	AZ-22-06	140	141	1	0.003	0.08	0.0025	0.005	21.4	156.5
F062317	AZ-22-06	141	142	1	0.025	0.14	0.0025	0.0005	11.9	34.8
F062318	AZ-22-06	142	143	1	0.003	0.04	0.0025	0.0005	6.2	1.5
F062319	AZ-22-06	143	144	1	0.002	0.2	0.0025	0.0005	11.2	54.4
F062321	AZ-22-06	144	145	1	0.003	0.61	0.0025	0.002	30.9	187.5
F062322	AZ-22-06	145	146	1	0.002	0.15	0.0025	0.0005	12.2	9.9
F062323	AZ-22-06	146	147	1	0.004	0.09	0.0025	0.0005	6.4	2
F062324	AZ-22-06	147	148.16	1.16	0.002	0.08	0.0025	0.0005	7.6	1.1
F062325	AZ-22-06	148.16	150	1.84	0.002	0.06	0.0025	0.0005	21.6	59.2
F062326	AZ-22-06	150	152	2	0.002	0.03	0.0025	0.0005	13	59.3
F062327	AZ-22-06	152	153.6	1.6	0.002	0.03	0.0025	0.0005	25.6	25.6
F062328	AZ-22-06	153.6	155	1.4	0.003	0.08	0.0025	0.0005	86.7	37.7

# 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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Page: 2 - A  
 Total # Pages: 8 (A - D)  
 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 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
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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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
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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To: NORTHERN DOMINION METALS/CROSS RIVER  
 VENTURE  
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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
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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To: NORTHERN DOMINION METALS/CROSS RIVER  
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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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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	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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**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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**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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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
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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**CERTIFICATE OF ANALYSIS TB22102956**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm
		0.1	1	0.1	0.1	2	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	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	
		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
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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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	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm
		0.1	1	0.1	0.1	2	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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**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
		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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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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**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
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**

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	
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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**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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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	
		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 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
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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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22113217**

	<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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**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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**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 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
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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**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
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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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
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



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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	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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**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
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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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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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
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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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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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	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
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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**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
		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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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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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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**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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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
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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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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To: NORTHERN DOMINION METALS/CROSS RIVER  
 VENTURE  
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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	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
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

\*\*\*\*\* 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
		V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 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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**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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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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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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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
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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Project: McVicar

**CERTIFICATE OF ANALYSIS TB22117508**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: REEs may not be totally soluble in this method.  
ME-MS61

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

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: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au-ICP22 ME-MS61



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 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
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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

**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:   
 Saa Traxler, Director, North Vancouver Operations



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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
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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**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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		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	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
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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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
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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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	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
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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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
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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Project: McVicar

**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	
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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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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		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	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
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	W	Y	Zn	Zr	Cu
		ppm	ppm	ppm	ppm	ppm	%
		1	0.1	0.1	2	0.5	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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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
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 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	Cu-OG62 Cu % 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	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
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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To: NORTHERN DOMINION METALS/CROSS RIVER  
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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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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
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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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
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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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
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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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
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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**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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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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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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To: NORTHERN DOMINION METALS/CROSS RIVER  
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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
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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**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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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 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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**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: 15%;">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: 15%;">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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Project: McVicar

**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
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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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	
		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
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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
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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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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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
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	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
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	
		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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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	
		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 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
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**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		1	0.1	0.1	2	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 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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Project: McVicar

**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	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
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	0.41	0.97	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	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
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 ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 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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		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	
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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To: NORTHERN DOMINION METALS/CROSS RIVER  
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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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Project: McVicar

**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
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 TB2128438
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Sample Description	Method Analyte Units LOD	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 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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**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 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
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

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





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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
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



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**CERTIFICATE OF ANALYSIS TB2128438**

	<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 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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		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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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

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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
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	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 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
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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**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
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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**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
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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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
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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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
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 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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**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	0.07	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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**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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		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
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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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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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	
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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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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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**

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	
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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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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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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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 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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To: NORTHERN DOMINION METALS/CROSS RIVER  
 VENTURE  
 1430-800 WEST PENDER STREET  
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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
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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**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	0.01	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	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
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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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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**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	0.05	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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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
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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**CERTIFICATE OF ANALYSIS TB22145362**

Sample Description	Method	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
	Analyte	Recvd Wt.	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	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
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

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



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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
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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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	0.05	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 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	
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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**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> </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 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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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 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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 Account: NDMCDEZG

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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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
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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**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
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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**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
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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 Account: NDMCDEZG

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	
		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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**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
		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
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



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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
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

\*\*\*\*\* 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	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
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

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





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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
		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
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:   
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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 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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 Account: NDMCDEZG

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 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
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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**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
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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**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
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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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
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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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
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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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. 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
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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 Finalized Date: 23-JUN-2022  
 Account: NDMCDEZG

Project: McVicar

CERTIFICATE OF ANALYSIS TB22153965
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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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 VENTURE  
 1430-800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

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 Finalized Date: 23-JUN-2022  
 Account: NDMCDEZG

Project: McVicar

CERTIFICATE OF ANALYSIS TB22153965
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Sample Description	Method	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	
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	
	Units LOD	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	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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Project: McVicar

**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

## Bayside Geoscience Employee Daily Log

Feb 1-28, 2022

Date	Megan Landman	Megan L. Comments	Ryan McKay	Ryan M. Comments
01-Feb-22				
02-Feb-22				
03-Feb-22				
04-Feb-22				
05-Feb-22				
06-Feb-22				
07-Feb-22				
08-Feb-22				
09-Feb-22				
10-Feb-22				
11-Feb-22				
12-Feb-22				
13-Feb-22				
14-Feb-22				
15-Feb-22				
16-Feb-22				
17-Feb-22			1	Gathering gear and supplies.
18-Feb-22				
19-Feb-22				
20-Feb-22				
21-Feb-22	1	Travel to site.		
22-Feb-22	1	Errands in Pickle Lk/ arrive at site.		
23-Feb-22	1	Camp setup.		
24-Feb-22	1	Camp setup.		
25-Feb-22	1	Camp setup.		
26-Feb-22	1	Camp setup.		
27-Feb-22	1	Camp setup.	1	Travel to McVicar Camp.
28-Feb-22	1	Camp setup.	1	Site SOP and policies. Tracking sheets, expenses.
<b>Total Days</b>	<b>8</b>		<b>3</b>	

**Expenses**

Name: CRV Reimbursable Receipts/Disbursements (McVicans Project)

Date	Description	Charged By	Card #	Charge (Before Taxes)	HST (included in price)	GST (included in price)	PST (included in price)	Balance		
20-Oct-21	Credited Charges from Nov's 2021 Invoice 1411.	C. Mitchell	0381	-\$67.32	-\$8.75			-\$76.07	CREDIT	
20-Oct-21	Credited Charges from Nov's 2021 Invoice 1411.	C. Mitchell	0381	-\$89.64	-\$11.65			-\$101.29	CREDIT	
20-Oct-21	Credited Charges from Nov's 2021 Invoice 1411.	C. Mitchell	0381	-\$79.65	-\$10.35			-\$90.00	CREDIT	
21-Oct-21	Credited Charges from Nov's 2021 Invoice 1411.	C. Mitchell	0381	-\$151.33	-\$19.68			-\$171.01	CREDIT	
22-Oct-21	Credited Charges from Nov's 2021 Invoice 1411.	C. Mitchell	0381	-\$99.12	-\$12.88			-\$112.00	CREDIT	
									Total of Credit (included here): - \$550.37	
17-Feb-22	Logging supplies (Chaltrek, Thunder Bay ON) China Markers (112.80), Flagging tape (135.00), Box Tags (52.00), Rice Bags (250.00), Sample Bags (1225.00).	Steve F	8394	\$1,774.80		\$88.74	\$141.98	\$2,005.52		
17-Feb-22	Cutting Gear (SPI Thunder Bay ON)	Steve F	on account	\$57.11	\$7.42			\$64.53		
17-Feb-22	Cable (Zip) Ties (Intercity Industrial, Thunder Bay ON).	Steve F	on account	\$376.92	\$49.00			\$425.92		
17-Feb-22	Staples and stapler (Home Hardware, Thunder Bay ON).	Steve F	5686	\$115.43	\$15.01			\$130.44		
17-Feb-22	Sprayer Hose (Canadian Tire, Thunder Bay ON).	Steve F	5686	\$74.97	\$9.75			\$84.72		
17-Feb-22	Batteries and markers (Staples, Thunder Bay, ON).	Steve F	5686	\$86.91	\$11.30			\$98.21		
23-Feb-22	Transparent paper, camera (Staples, Thunder Bay, ON).	Derek D./Steve F.	1006	\$295.50	\$38.42			\$333.92		
23-Feb-22	Strapping for core (Home Hardware, Thunder Bay, ON).	Derek D./Steve F.	1006	\$62.91	\$8.18			\$71.09		
23-Feb-22	Core logging supplies, markers etc. (Chaltrek, Thunder Bay, ON).	Derek D./Steve F.	1006	\$78.95		\$3.95	\$6.32	\$89.22		
23-Feb-22	Scribe with magnet (KBM Forestry, Thunder Bay ON).	Derek D./Steve F.	1006	\$40.53	\$5.27			\$45.80		
23-Feb-22	Muriatic Acid and supplies (Canadian Tire, Thunder Bay ON).	Derek D./Steve F.	1006	\$32.48	\$4.22			\$36.70		
23-Feb-22	Safety Gear (SPI, Thunder Bay ON).	Derek D./Steve F.	on account	\$207.57	\$26.98			\$234.55		
23-Feb-22	Cutting Suit (SPI, Thunder Bay ON).	Derek D./Steve F.	on account	\$20.68	\$2.69			\$23.37		
23-Feb-22	Core Tape (Intercity Industrial, Thunder Bay ON).	Derek D./Steve F.	CC	\$137.78	\$17.91			\$155.69		
(Expense Totals Qualifying for 10 % Mark-Up):				\$2,875.48	\$132.84	\$92.69	\$148.30	\$3,249.31		
								(Charged as Sales) 10% Mark-Up:	\$324.93	Total of Credit Mark-Up (included already): -\$55.07

## Bayside Geoscience Employee Daily Log

Geologist in Training: Megan Landman

Date	Days	Description
01-Mar-22	1	Camp setup.
02-Mar-22	1	Camp setup.
03-Mar-22	1	Errands in Pickle Lake.
04-Mar-22	1	Errands in Pickle Lake.
05-Mar-22	1	Return from Pickle Lake/Office work.
06-Mar-22	1	Core logging.
07-Mar-22	1	Core logging.
08-Mar-22	0.5	Core logging/sick in afternoon. Worked 6 hours.
09-Mar-22	1	Core logging.
10-Mar-22	1	Core logging.
11-Mar-22	1	Core logging.
12-Mar-22	1	Core logging.
13-Mar-22	1	Core logging.
14-Mar-22	1	Travel back to Thunder Bay.
15-Mar-22		
16-Mar-22		
17-Mar-22		
18-Mar-22		
19-Mar-22		
20-Mar-22		
21-Mar-22		
22-Mar-22		
23-Mar-22		
24-Mar-22		
25-Mar-22		
26-Mar-22		
27-Mar-22		
28-Mar-22		
29-Mar-22		
30-Mar-22		
31-Mar-22		
<b>Total Days</b>	<b>13.5</b>	



## Bayside Geoscience Employee Daily Log

Geological Technician: Ryan McKay

Date	Days	Description
01-Mar-22	1	Diesel tracking, research spill and environmental policy.
02-Mar-22	1	Start core saw set up and order parts , build coat racks, clean up site , various outside tasks.
03-Mar-22	1	Garbage clean up. Drive to Pickle Lake for fuel and supplies.
04-Mar-22	1	Pickle lake - stand by. Did various tasks.
05-Mar-22	1	Pickle lake - stand by. Did various tasks.
06-Mar-22	1	Teching begining of the first hole.
07-Mar-22	1	Teched core for BH01.
08-Mar-22	1	Teched core for BH01.
09-Mar-22	1	Teched core for BH02.
10-Mar-22	1	Teched core for BH02.
11-Mar-22	1	Teched core for BH03.
12-Mar-22	1	Teched core for BH04.
13-Mar-22	1	Teched core for BH04.
14-Mar-22	1	Travel home to Thunder Bay.
15-Mar-22		
16-Mar-22		
17-Mar-22		
18-Mar-22		
19-Mar-22		
20-Mar-22		
21-Mar-22		
22-Mar-22		
23-Mar-22		
24-Mar-22		
25-Mar-22		
26-Mar-22		
27-Mar-22		
28-Mar-22		
29-Mar-22		
30-Mar-22		
31-Mar-22		
<b>Total Days</b>	<b>14</b>	

## Bayside Geoscience Employee Daily Log

Geologist in Training: Jake Dove

Date	Days	Description
01-Mar-22		
02-Mar-22		
03-Mar-22		
04-Mar-22		
05-Mar-22		
06-Mar-22		
07-Mar-22		
08-Mar-22		
09-Mar-22		
10-Mar-22		
11-Mar-22		
12-Mar-22		
13-Mar-22		
14-Mar-22		
15-Mar-22		
16-Mar-22		
17-Mar-22		
18-Mar-22		
19-Mar-22		
20-Mar-22		
21-Mar-22	1	Drove from Thunder Bay to McVicar camp.
22-Mar-22	1	Core flow, drill visits, collar lineups, core logging support.
23-Mar-22	1	Core flow, drill visits, collar lineups, core logging support.
24-Mar-22	1	Core flow, drill visits, collar lineups, core logging support.
25-Mar-22	1	Core flow, drill visits, collar lineups, core logging support.
26-Mar-22	1	Core flow, drill visits, collar lineups, core logging support.
27-Mar-22	1	Core flow, drill visits, collar lineups, core logging support.
28-Mar-22	1	Core flow, core logging support.
29-Mar-22	1	Core flow, core logging support.
30-Mar-22	1	Core flow, core logging support.
31-Mar-22	1	Core flow, core logging support.
<b>Total Days</b>	<b>11</b>	

## Bayside Geoscience Employee Daily Log

Geological Technician: Emma Cameron

Date	Days	Description
01-Mar-22		
02-Mar-22		
03-Mar-22		
04-Mar-22		
05-Mar-22		
06-Mar-22		
07-Mar-22		
08-Mar-22		
09-Mar-22		
10-Mar-22		
11-Mar-22		
12-Mar-22		
13-Mar-22		
14-Mar-22	1	Travel to camp from Thunder Bay.
15-Mar-22	1	Teched drillcore and other various tasks.
16-Mar-22	1	Teched drillcore and other various tasks.
17-Mar-22	1	Teched drillcore and other various tasks.
18-Mar-22	1	Teched drillcore and other various tasks.
19-Mar-22	1	Teched drillcore and other various tasks.
20-Mar-22	1	Teched drillcore and other various tasks.
21-Mar-22	1	Teched drillcore and other various tasks.
22-Mar-22	1	Teched drillcore and other various tasks.
23-Mar-22	1	Teched drillcore and other various tasks.
24-Mar-22	1	Teched drillcore and other various tasks.
25-Mar-22	1	Teched drillcore and other various tasks.
26-Mar-22	1	Teched drillcore and other various tasks.
27-Mar-22	1	Teched drillcore and other various tasks.
28-Mar-22	1	Teched drillcore and other various tasks.
29-Mar-22	1	Teched drillcore and other various tasks.
30-Mar-22	1	Teched drillcore and other various tasks.
31-Mar-22	1	Teched drillcore and other various tasks.
<b>Total Days</b>	<b>18</b>	

## Expenses

Name: CRV Reimbursable Receipts/Disbursements (McVicars Project)

Date	Description	Charged By	Card #	Charge (Before Taxes)	HST (included in price)	Balance
12-Mar-22	Field Supplies (Staples, Thunder Bay, ON) Camera and USB card.	Steve F.	8394	\$113.98	\$14.82	\$128.80
14-Mar-22	Gas (Voyageur Esso, Ignace, ON) to mobilize Emma to site.	Steve F.	8394	\$82.60	\$10.74	\$93.34
14-Mar-22	Gas (Casuals Convenience, Pickle Lake ON).	Steve F.	8394	\$185.64		\$185.64
14-Mar-22	Gas (Penner Oil Cardlock, Pickle Lake ON) drive to Pickle Lake.	Steve F./Troy L.	cc	\$179.59	\$23.35	\$202.94
15-Mar-22	Gas (Shell Canada, Thunder Bay ON) fill up in town after travel home.	Steve F./Troy L.	cc	\$141.34	\$18.37	\$159.71
17-Mar-22	Gas (Petro Canada, Ignace ON) Return from site.	Steve F.	8394	\$172.69	\$22.45	\$195.14
21-Mar-22	Field Supplies (Canadian Tire, Thunder Bay, ON) Ratchet Straps.	Steve F.	8394	\$407.88	\$53.02	\$460.90
21-Mar-22	Truck Rental (Enterprise 5ZDDD8, Thunder Bay ON) for Jake Dove to travel to site. March 20-Apr 8, 2022.	Steve F./Jake D.	on account	\$1,605.03	\$208.65	\$1,813.68
15-Mar-22	Truck Rental (Enterprise 5ZQS77, Thunder Bay ON) for Steve F and Chad (videographer). March 23-Apr 6, 2022.	Steve F.	on account	\$1,322.70	\$171.95	\$1,494.65
<b>Total:</b>				<b>\$4,211.45</b>	<b>\$523.35</b>	<b>\$4,734.80</b>
<i>(Charged as Sales) 10% Mark-Up:</i>						<b>\$473.48</b>

## Bayside Geoscience Employee Daily Log

Geologist: Jake Dove

Date	Days	Description
01-Apr-22	1	Core flow and logging support.
02-Apr-22	1	Core flow and logging support.
03-Apr-22	1	Demobilize from McVicar
04-Apr-22		
05-Apr-22		
06-Apr-22		
07-Apr-22		
08-Apr-22		
09-Apr-22		
10-Apr-22		
11-Apr-22	1	Core logging in Thunder Bay
12-Apr-22	1	Core logging in Thunder Bay
13-Apr-22	1	Core logging in Thunder Bay
14-Apr-22	1	Core logging in Thunder Bay
15-Apr-22		
16-Apr-22		
17-Apr-22		
18-Apr-22	1	Core logging in Thunder Bay
19-Apr-22	1	Core logging in Thunder Bay
20-Apr-22	1	Core logging in Thunder Bay
21-Apr-22	1	Core logging in Thunder Bay
22-Apr-22		
23-Apr-22		
24-Apr-22		
25-Apr-22	0.5	Core logging in Thunder Bay
26-Apr-22	1	Core logging in Thunder Bay
27-Apr-22	1	Core logging in Thunder Bay
28-Apr-22	1	Core logging in Thunder Bay
29-Apr-22		
30-Apr-22		
<b>Total Days</b>	<b>14.5</b>	

## Bayside Geoscience Employee Daily Log

Geotechnician: Emma Cameron

Date	Days	Description
01-Apr-22	1	Geotechnical support: McVicar Camp.
02-Apr-22	1	Geotechnical support: McVicar Camp.
03-Apr-22	1	Demobilize from McVicar.
04-Apr-22		
05-Apr-22		
06-Apr-22		
07-Apr-22		
08-Apr-22		
09-Apr-22		
10-Apr-22		
11-Apr-22		
12-Apr-22		
13-Apr-22		
14-Apr-22		
15-Apr-22		
16-Apr-22		
17-Apr-22		
18-Apr-22		
19-Apr-22		
20-Apr-22		
21-Apr-22		
22-Apr-22		
23-Apr-22		
24-Apr-22		
25-Apr-22		
26-Apr-22		
27-Apr-22		
28-Apr-22		
29-Apr-22		
30-Apr-22		
<b>Total Days</b>	<b>3</b>	



**Equipment Log**

Date	Truck		
01-Apr-22	1		
02-Apr-22	1		
03-Apr-22	1		
04-Apr-22	1		
05-Apr-22			
06-Apr-22			
07-Apr-22			
08-Apr-22			
09-Apr-22			
10-Apr-22			
11-Apr-22			
12-Apr-22			
13-Apr-22			
14-Apr-22			
15-Apr-22			
16-Apr-22			
17-Apr-22			
18-Apr-22			
19-Apr-22			
20-Apr-22			
21-Apr-22			
22-Apr-22			
23-Apr-22			
24-Apr-22			
25-Apr-22			
26-Apr-22			
27-Apr-22			
28-Apr-22			
29-Apr-22			
30-Apr-22			
<b>Total</b>	<b>4</b>	<b>0</b>	<b>0</b>



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2022

Month **April**

## Expenses

Name: Cross River Ventures: McVicar Project

Date	Description	Charged By	Card #	Charge (Before Taxes)	HST (included in)	Balance
21-Mar-22	Gasoline (Voyageur Esso, Ignace ON) travel to site.	Jake D.	cc	\$68.38	\$8.89	\$77.27
21-Mar-22	Meal for travel to site (Subway, Ignace ON) Mar 21, 2022.	Jake D.	cc	\$24.07	\$3.13	\$27.20
22-Mar-22	Truck Rental (Enterprise, 5PSGH2) Feb 18-Mar 20, 2022.	Steve	5231	\$2,657.58	\$345.49	\$3,003.07
23-Mar-22	Truck Rental (Enterprise, 5QL7H0) Feb 22-Mar 23, 2022.	Steve	5231	\$2,425.57	\$315.33	\$2,740.90
3-Apr-22	Gasoline (Casuals Convenience, Pickle Lake ON) travel from site.	Jake D.	cc	\$176.09	\$22.89	\$198.98
4-Apr-22	Gasoline (Husky, Thunder Bay ON) travel from site.	Jake D.	cc	\$176.46	\$22.94	\$199.40
4-Apr-22	Meal for travel from site (McDonalds, Thunder Bay ON) Apr 4, 2022.	Jake D.	cc	\$20.38	\$2.65	\$23.03
4-Apr-22	Radio Rental (Spectrum Group, Thunder Bay ON) Mar 14-Apr 4, 2022.	Steve	5231	\$60.00	\$7.80	\$67.80
11-Apr-22	Shipment (Purolator, Thunder Bay ON) \$69.70+\$51.93 +hst	Steve	1006	\$121.63	\$6.09	\$127.72
<b>Expense Totals:</b>				<b>\$5,730.16</b>	<b>\$735.21</b>	<b>\$6,465.37</b>

\*previously missed receipt.

\*previously missed receipt.

\*previously missed receipt.

\*previously missed receipt.



## Bayside Geoscience Employee Daily Log

Senior Geologist: Steven Flank

Date	Hours	Description
01-May-22		
02-May-22		
03-May-22		
04-May-22		
05-May-22		
06-May-22		
07-May-22		
08-May-22		
09-May-22		
10-May-22		
11-May-22		
12-May-22		
13-May-22		
14-May-22		
15-May-22		
16-May-22		
17-May-22		
18-May-22		
19-May-22		
20-May-22		
21-May-22		
22-May-22		
23-May-22		
24-May-22		
25-May-22		
26-May-22		
27-May-22		
28-May-22		
29-May-22	8	Download and assess McVicar claim information to determine assessment credit requirements. Complete assessment claim distribution to cover claims coming due in June 2022.
30-May-22		
31-May-22		
<b>Total Days</b>	<b>8</b>	

## Bayside Geoscience Employee Daily Log

Geologist: Jake Dove

Date	Days	Description
01-May-22		
02-May-22	1	Geotech and log core
03-May-22	1	Geotech and log core
04-May-22	1	Geotech and log core
05-May-22	1	Geotech and log core
06-May-22		
07-May-22		
08-May-22		
09-May-22	1	Geotech and log core
10-May-22	1	Clean data and deliver to Lori.
11-May-22	0.5	Sample box tags.
12-May-22		
13-May-22		
14-May-22		
15-May-22		
16-May-22		
17-May-22		
18-May-22		
19-May-22		
20-May-22		
21-May-22		
22-May-22		
23-May-22		
24-May-22		
25-May-22		
26-May-22	1	Assay and QA/QC data validation and grade composite work.
27-May-22	0.5	Assay and QA/QC data validation and grade composite work .
28-May-22		
29-May-22		
30-May-22	1	QAQC sample validation.
31-May-22	1	Lidar Assessment Report.
01-Jun-22	1	Lidar Assessment Report.
02-Jun-22	1	Lidar Assessment Report.
<b>Total Days</b>	<b>12</b>	



2022

Month

May

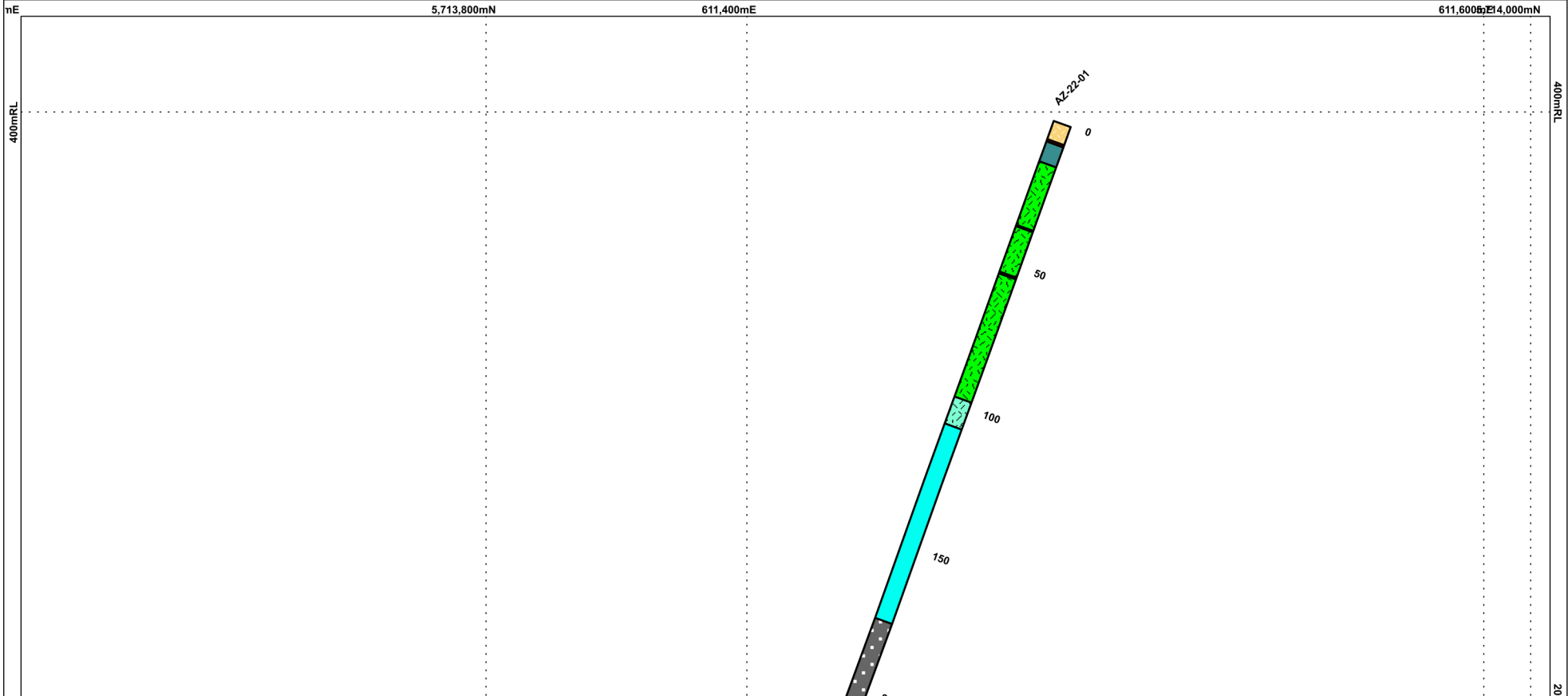
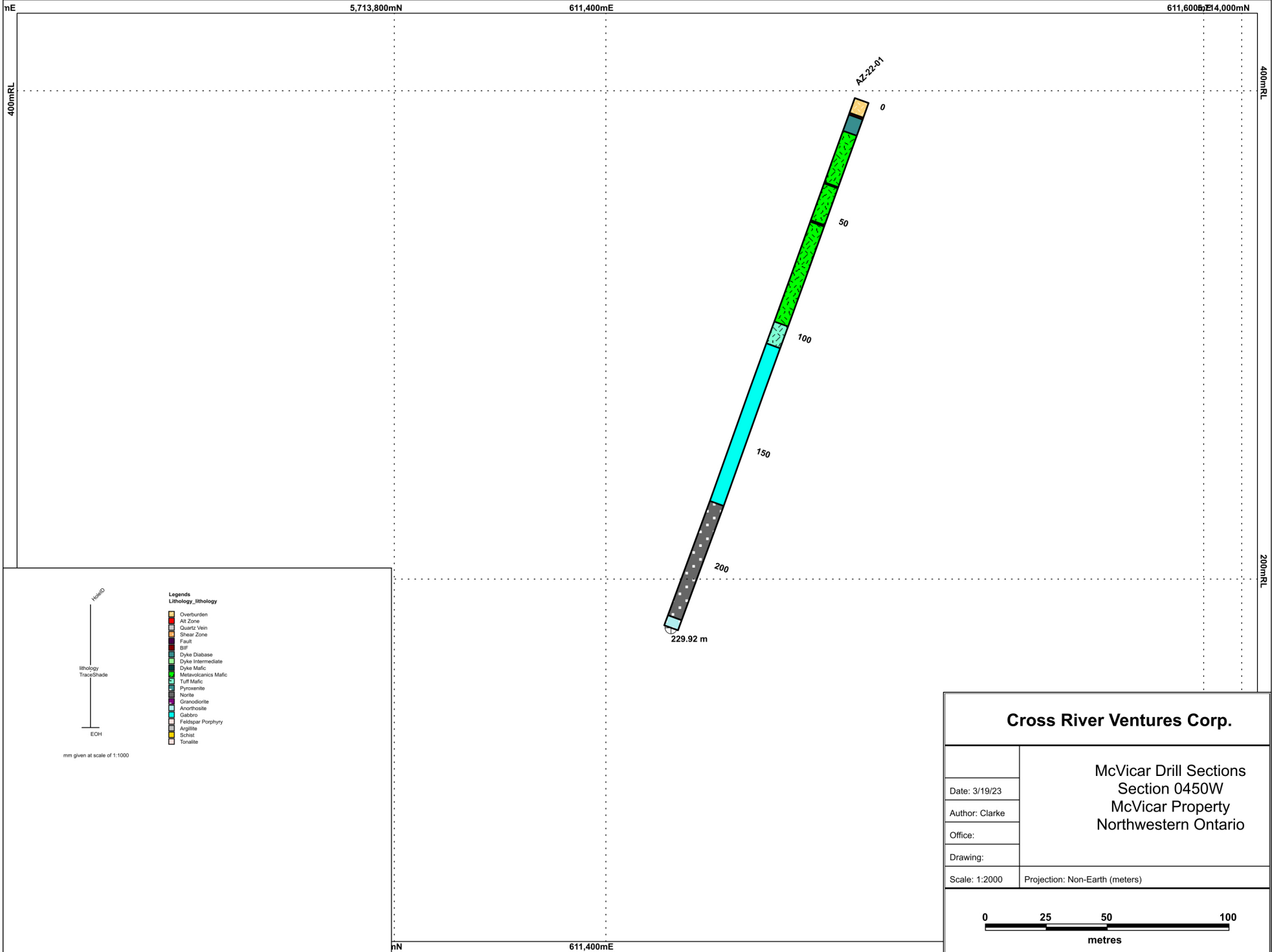
124 Sherwood Dr. Thunder Bay, ON P7B 6L1  
 (807) 630-6980 | (807) 627-7598

# Expenses

Name: Cross River Ventures: McVicar Project

Date	Description	Charged By	Card #	Charge (Before Taxes)	HST (included in)	Balance
3-May-22	Blanks Crushed Rock (Bill Martin's Nurseryland, Thunder Bay ON) for sampling.	Steve F.	1006	\$29.97	\$3.90	\$33.87
3-May-22	Markers, Boxtags, Sample Bags (Chaltrek, Thunder Bay ON)	Steve F.	1006	\$420.90	\$54.72	\$475.62
3-May-22	Zip Ties (Home Depot, Thunder Bay ON).	Steve F.	1006	\$39.97	\$5.20	\$45.17
9-May-22	Diamond Blades (DP Diamond Blades, Murillo ON) Invoice 1949, 2 Blades May 9, 2022.	Steve F.	On Account/ Cheq'n	\$540.00	\$70.20	\$610.20
26-May-22	Rice Bags (Chaltrek, Thunder Bay ON).	Steve F.	1006	\$50.00	\$6.50	\$56.50
<b>Expense Totals:</b>				<b>\$1,080.84</b>	<b>\$140.52</b>	<b>\$1,221.36</b>

# APPENDIX G: DRILLHOLE SECTIONS



HoloQ  
 Lithology  
 Tracebrade  
 EOH

**Legends**  
**Lithology\_lithology**

- Overburden
- Alt 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

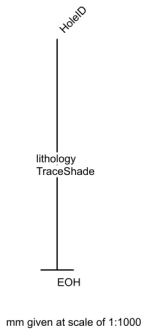
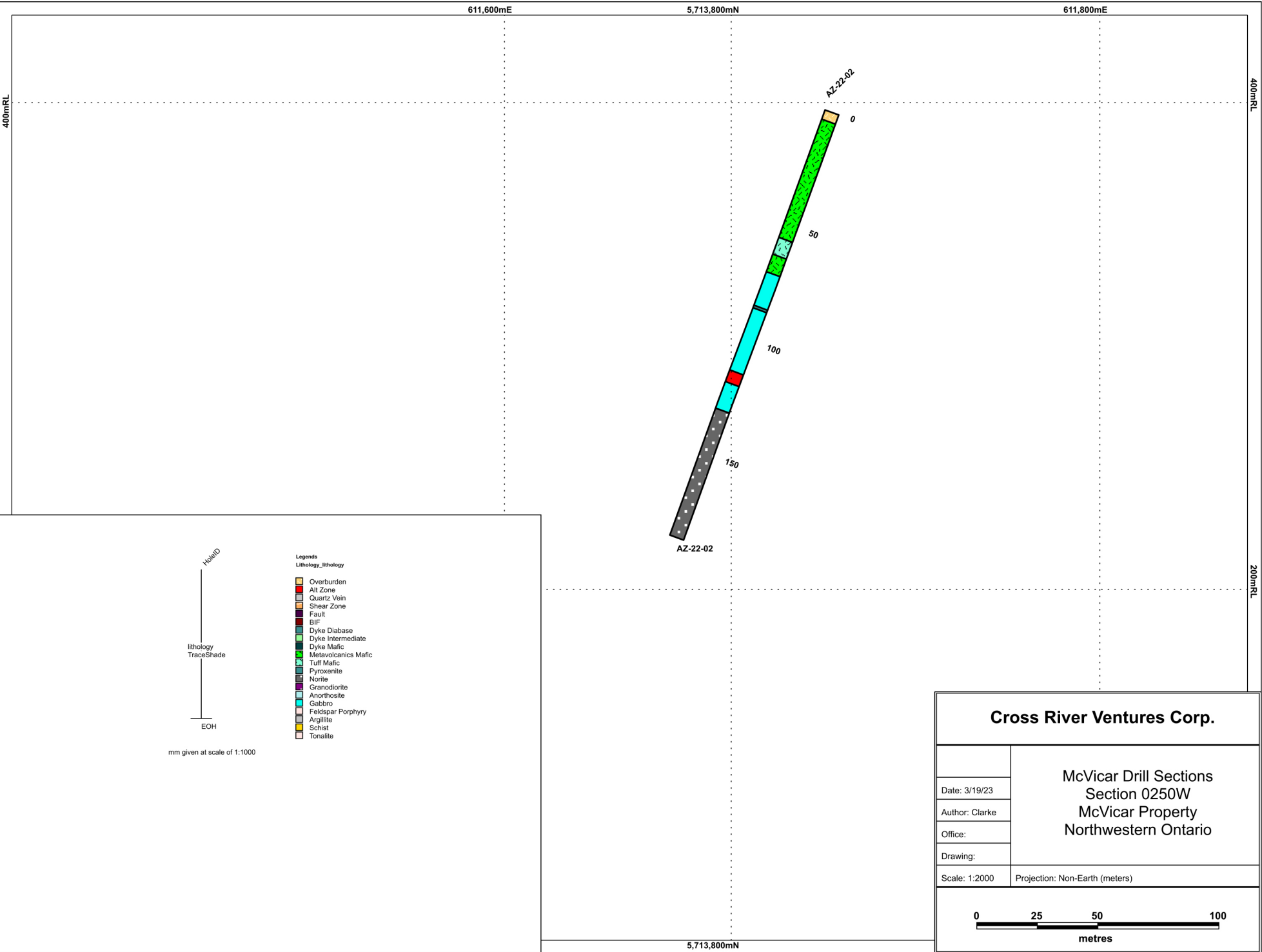
mm given at scale of 1:1000

**Cross River Ventures Corp.**

McVicar Drill Sections  
 Section 0450W  
 McVicar Property  
 Northwestern Ontario

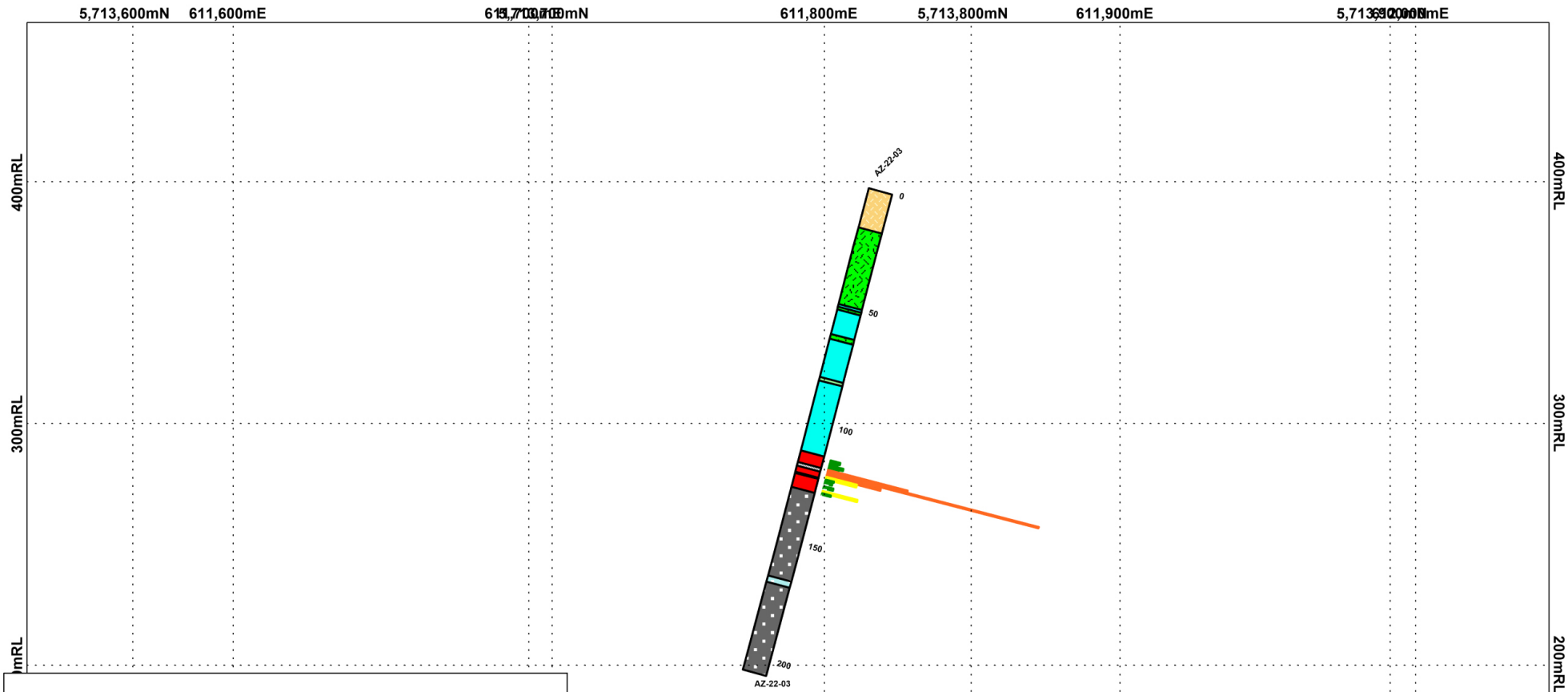
Date: 3/19/23	
Author: Clarke	
Office:	
Drawing:	
Scale: 1:2000	Projection: Non-Earth (meters)

0      25      50      100  
 metres



- Legends**  
Lithology\_lithology
- Overburden
  - Alt 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

<b>Cross River Ventures Corp.</b>	
Date: 3/19/23 Author: Clarke Office: Drawing:	<b>McVicar Drill Sections          Section 0250W          McVicar Property          Northwestern Ontario</b>
Scale: 1:2000	Projection: Non-Earth (meters)



Hold

lithology  
TraceShade

au\_ppm\_pgm\_icp24  
Histogram  
22.47191 mm/unit

EOH

mm given at scale of 1:1000

**Legends**

**Gold Assays Samples**

- 0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50

**Lithology\_lithology**

- Overburden
- Alt 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

**Cross River Ventures Corp.**

**McVicar Sections  
Section AZ0150W  
McVicar Property  
Northwestern Ontario**

Date: 3/23/23

Author: Clarke

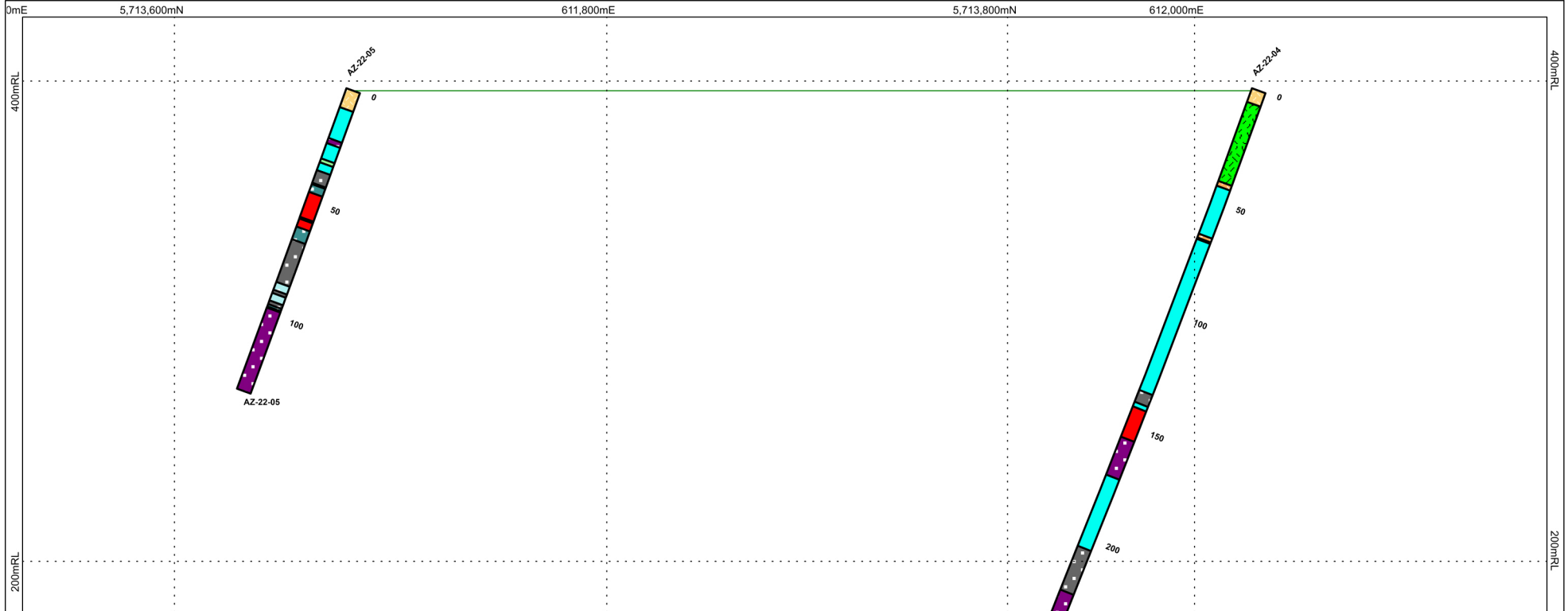
Office:

Drawing:

Scale: 1:2500

Projection: Non-Earth (meters)

0 25 50 100  
metres



HoleID

lithology  
TraceShade

EOH

mm given at scale of 1:1000

**Legends**  
**Lithology\_lithology**

- Overburden
- Alt 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

**Cross River Ventures Corp.**

McVicar Drill Sections  
Section 0100W  
McVicar Property  
Northwestern Ontario

Date: 3/19/23	
Author: Clarke	
Office:	
Drawing:	
Scale: 1:2500	Projection: Non-Earth (meters)

0      25      50      100  
metres



611,500mE 611,700mE 5,713,600mN 611,800mE 5,713,700mN 611,900mE 612,000mE 612,100mE

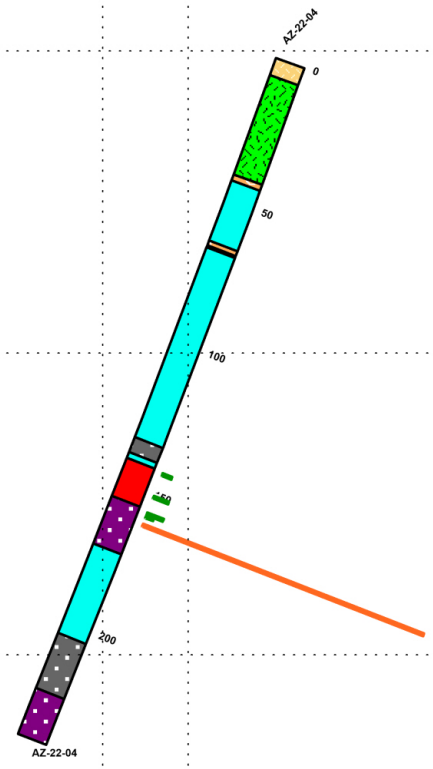
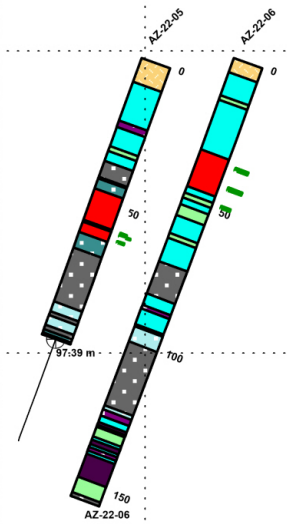
300mRL

200mRL

300mRL

200mRL

100mRL



HoleID

lithology  
TraceShade

au\_ppm\_pgm\_icp24  
Histogram  
22.47191 mm/unit

EOH

mm given at scale of 1:1000

**Legends**

**Lithology\_lithology**

- Overburden
- Alt 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

**Gold Assays Samples**

- 0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1 - 5
- 5 - 10
- 10 - 50

**Cross River Ventures Corp.**

**McVicar Drill Sections  
Section AZ0050W  
McVicar Property  
Northwestern Ontario**

Date: 3/23/23

Author: McVicar Property

Office: Northwestern Ontario

Drawing:

Scale: 1:2500      Projection: Non-Earth (meters)

0      25      50      100  
metres

11,800mE 5,713,700mN 611,900mE