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Tamarack Project
James Bay Lowlands, Ontario

Geochemical Sampling Report
2016

Prepared for:

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Summary

The Tamarack Project consists of 240 claims staked by Probe Mines Limited, located in the James Bay Lowlands approximately 300km north of Nakina, Ontario. The sale of Probe Mines Limited to Goldcorp on March 13, 2015 resulted in a new exploration spinoff company, Probe Metals Inc., that contained Probe Mine's chromite, nickel and copper properties in the Ring of Fire mineral belt in the James Bay lowlands.

The area was staked owing to the discovery by Spider Resources of at least four volcanogenic massive sulphide (VMS) deposits, which lie less than 3 kilometers from Probe's boundary. The area represents a virtually unexplored greenstone belt, and has the potential of developing into a new and important base and precious metal mining camp.

This report details a geochemical sediment (soil) sampling program that was completed from September 29 to October 5 2016, on the Company's Ring of Fire properties, specifically Black Creek and Tamarack. The Tamarack project is the subject of this report, and three hundred and six (306) sites were sampled.

The Tamarack Project is underlain by Archaean felsic and felsic to intermediate fragmental and tuffaceous units of the Sachigo Volcanic Belt. In addition to numerous geophysical conductors, the property is also distinguished by the presence of sulphide-mineralized volcanic horizons, identified during drilling, which are highly anomalous in base metals.

The geological and geophysical data suggests that the Tamarack Project has a strong potential for hosting base metal sulphide mineralization of the volcanogenic massive sulphide-type. The property fits a variety of criteria in the descriptive model of VMS deposits, including the presence of felsic volcanics and the presence of other massive sulphide occurrences.

1. Introduction

This report presents the results of a geochemical sediment (soil) sampling program that was completed from September 29 to October 5 2016, on the Company's Ring of Fire properties, specifically Black Creek and Tamarack. The Tamarack project is the subject of this report, and that program comprised 306 sites sampled along east-west traverses. The samples were designed to test geophysical anomalies similar in nature to those that have been drill tested and intersected anomalous copper values.

The Tamarack property is part of the Archean Sachigo Volcanic Belt (SVB), located in the James Bay Lowlands of Ontario approximately 300 km north of the town of Nakina, Ontario (Fig. 1.1). The volcanic sequence, in the area of interest, is overlain by a thin sequence of Paleozic sedimentary cover rocks. The area has attracted significant attention owing to the discovery of volcanogenic massive sulphide (VMS) deposits (Franklin, 2003) by Spider Resources, a junior exploration company previously working in the area. Interest was first generated in the area following the unexpected diamond drilling discovery of VMS mineralization containing Cu, Pb and Zn and minor Au and Ag, over what were thought to represent kimberlite targets. Following a period of intensive exploration, at least four polymetallic sulphide showings have been discovered near the Probe Metals claims. However, before the discoveries very little work was undertaken in the area by either government geological surveys or exploration companies, and as a result very little geological information is available. The project comprises 240 unsurveyed and unpatented mineral claims. The claims are situated adjacent to the sulphide discoveries of Spider, north and along strike within the volcanic package as inferred from airborne magnetic data.

The area is underlain by a mixed sequence of mafic and intermediate volcanics with minor felsic volcanics, clastic metasedimentary rocks and iron formation belonging to the SVB. Significant base metal mineralization is present on the property, and numerous geological and geophysical indicators point to a strong potential for economic VMS-type mineralization within its boundaries.

1.1 Terms of Reference

This report uses standard System International (SI) units, unless otherwise noted. The coordinate system used for georeferencing is UTM NAD 83 (Zone 16) for the McFauld's Lake area, with units of meters, and structural data is given in degrees, using the right hand rule convention (dip is always to the right of the strike measurement). For planar features strike measurement is always given first, followed by dip, and for linear features, such as fold axes, it is dip/dip angle. Some common abbreviations found in the text are defined as follows:

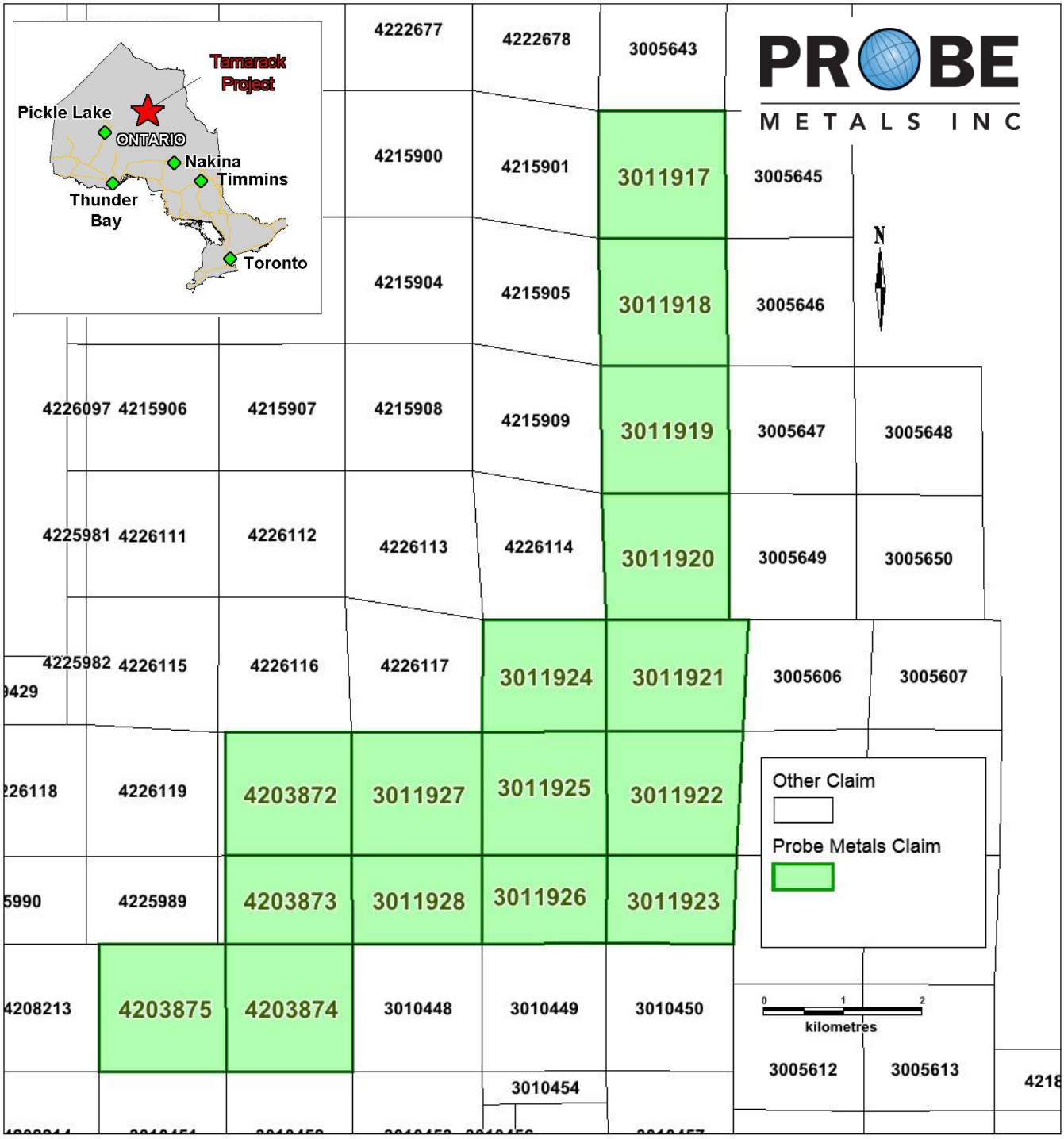

Figure 1.1 Location of the Tamarack Property, James Bay Lowlands, Ontario.

OGS	Ontario Geological Survey
UTM	Universal Trans Mercator (geographic)
NAD	North American Datum (geographic)
SVB	Sachigo Volcanic Belt
VMS	Volcanogenic Massive Sulphide (deposit type)
REE	Rare Earth Elements
g/t	grams per tonne (equivalent to ppm)
ppm/ppb	parts per million/billion
---	Concentrations below detection (for ease in viewing geochemical data)
MSL	Mean Sea Level (0m)
EM	Electromagnetic (geophysics)
AEM	Airborne Electromagnetic (geophysics)
HLEM	Horizontal Loop Electromagnetic (geophysics)
IP	Induced Polarization (geophysics)
TDEM	Time Domain Electromagnetics
γ	Gamma (1 gamma = 1 nanoTesla), magnetic units

1.2 Disclaimer

Geological data and information used in this report have also been gathered from government reports and company websites and provided by Probe Metals Limited. The author has declined use of previous interpretations and relies only on the factual data contained within the published and unpublished documents.

A significant volume of material was taken from press releases of Spider Resources, which contain the following disclaimer:

"*The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release*".

This report is intended as a technical summary of available factual data for Probe Metals Inc. on its Tamarack Project. The author does not accept responsibility for use by third parties of the material contained in this report outside the scope of the stated objective.

1.3 Property Location and Access

The Tamarack Project falls within the Sachigo Volcanic Belt (SVB) of northern Ontario, and comprises 240 unsurveyed and unpatented claims.

Access to the property is by way of float/ski-equipped fixed-wing aircraft or helicopter from one of a number of communities found along Highway 11. Three companies have been used to date, and include Superior Helicopters from Long Lac, Ontario, Expedition Helicopters of Cochrane and Nakina Air Services, located in Nakina, Ontario. Local access to the properties can be achieved by helicopter, or snowmobile in winter. No water access exists for the properties.

For the current program, helicopter services were provided by Heli-Explore and float plane services by Nakina Air and Wilderness North. Accommodations were at the Miminiska Lake Lodge. Jet fuel was purchased either in drums from Nakina or from the Miminiska Lake airport.

1.4 Land Tenure

The 240 unsurveyed and unpatented claims comprise 16 separate mineral licenses (Fig. 1.1, Table 1.1), which grant the title-holder mineral rights to the area. All claims are recorded in the name of Probe Metals Inc, and, to the author's knowledge, there are no current or pending challenges to the mineral claims and 100% ownership is maintained by Probe Metals. There are no outstanding nor pending adverse environmental issues attached to the property.

Table 1.1 Land Tenure information for the Tamarack Project

License No.	Claims	Area	Date Recorded	Date Due	Work Required
3011917	16	BMA 528861	08-Dec-03	08-Dec-16	$6,400
3011918	16	BMA 528861	08-Dec-03	08-Dec-16	$6,400
3011919	16	BMA 528861	08-Dec-03	08-Dec-16	$6,400
3011920	16	BMA 528861	08-Dec-03	08-Dec-16	$6,400
3011921	16	BMA 528861	08-Dec-03	08-Dec-16	$6,400
3011922	16	BMA 528861	08-Dec-03	08-Dec-16	$6,400
3011923	12	BMA 528861	08-Dec-03	08-Dec-16	$4,800
3011924	16	BMA 528861	08-Dec-03	08-Dec-16	$6,400
3011925	16	BMA 528861	08-Dec-03	08-Dec-17	$6,400
3011926	12	BMA 528861	08-Dec-03	08-Dec-17	$4,800
3011927	16	BMA 528861	08-Dec-03	08-Dec-16	$6,400
3011928	12	BMA 528861	08-Dec-03	08-Dec-16	$4,800
4203872	16	BMA 528861	17-Nov-05	17-Nov-16	$6,400
4203873	12	BMA 528861	17-Nov-05	17-Nov-16	$4,800
4203874	16	BMA 527861	17-Nov-05	17-Nov-16	$6,400
4203875	16	BMA 527861	17-Nov-05	17-Nov-17	$6,400
Total	**240**				**$96,000**

1.5 Topography

The claim blocks are found within the James Bay Lowlands of Ontario, an area characterized by a plain of low relief, which gently slopes towards James Bay to the northeast. Elevation in the property area is approximately 250m above means sea level

(MSL), with local variations of typically less than 10m. An exception occurs along the Attawapiskat River, where elevations can change by up to 30m. Hydrographic features include the Attawapiskat River and numerous small creeks and rivers, although no drainage features are found within the immediate area of the claims. Owing to the thick clay deposits and low relief, the area is poorly drained, resulting in numerous lakes, swamps and muskeg areas. Lakes in the area can reach up to 5km in diameter, with the largest being McFauld's Lake itself, located approximately seven kilometers south of the property.

1.6 Previous Work

No exploitable mineral deposits are known in the area surrounding Tamarack Project, although exploration by Spider Resources suggest the potential for economic base metal (Cu-Pb-Zn) volcanogenic massive sulphide (VMS) deposits is high. The bulk of the previous work data available is taken from public disclosure documents provided by Spider Resources, as no published assessment work is available.

Prior to the discovery of VMS mineralization in the Sachigo Volcanic Belt (SVB) only limited physical examination of the area was undertaken by the Ontario Geological Survey (OGS), and consisted of regional-scale mapping (Thurston *et. al*., 1975) and airborne magnetic surveys (OGS). Owing to topography, geological exposures are scarce and, within the claim boundaries, consist only of Ordovician sedimentary rocks. River cuts found to the west of the properties contain outcrops of mafic flows and mafic intrusives (subvolcanic?) found as layers within meta-granitoid rocks (Thurston *et. al*., 1975). Volcanic horizons typically show subvertical to vertical dips. A provincial airborne magnetics survey provides the most accurate depiction of the subsurface geology, displaying an arcuate belt of layered rocks approximately 100km in length.

The recent interest in the diamond potential of the James Bay Lowlands has triggered a number of regional-scale geochemical surveys in the area (OFR-6097 Spider 3; OFR-6108 James Bay), which evaluate heavy mineral geochemistry of stream sediments. However, the presence of Paleozoic rocks overlying the prospective volcanics tends to nullify the effect of surficial geochemistry for the area.

Most of the information available regarding volcanic rocks in the McFauld's Lake area comes from previous exploration by Probe Mines and Spider Resources, on its adjacent mineral properties. To date diamond drilling by Spider has intersected a number of VMS occurrences, the most notable being McFauld's #1 and #3, which are located less than 3km south of Probe Metals properties. The VMS mineralization was first identified by De Beers Canada Exploration Inc. ("De Beers") in the Fall of 2002, while exploring for kimberlite. Reverse circulation drilling encountered base metal sulphides, i.e., chalcopyrite, sphalerite, associated with volcanic flows consisting of highly altered mafic and felsic lithologies (Franklin, 2003). Metal zonation in sulphide mineralization is poorly developed, however, Cu-rich stringer-style mineralization has been identified in the footwall, while Zn values tend to increase in the hanging wall direction (Franklin, 2003), suggesting that VMS processes are active.

1.7 Deposit Model

A descriptive model of VMS deposits is best applied to the data available for the Tamarack Project and environs. VMS deposits are major sources of copper, zinc, lead, silver and gold, with by-products including tin, cadmium, antimony and bismuth. The deposits belong to a larger class of concordant massive sulphide deposits, which can be considered as having formed through discharge of hydrothermal fluids onto the seafloor. VMS deposits occur exclusively in geological domains containing volcanic rocks extruded on the sea floor, and there is no preferred geotectonic environment, although, like submarine volcanic sequences, they are more commonly found near plate margins (Sawkins, 1976). VMS deposits are not restricted to any geochemically distinct volcanic sequence, although there may be a preferential association with evolved calc-alkaline members (Solomon, 1976). There is a spatial association among VMS deposits, with most occurring in clusters associated with a particular level in the stratigraphic sequence. This "favourable horizon" often contains structural or topographic features responsible for the localization of deposits. The deposits also tend to be associated with felsic volcanic rocks, with approximately 50% related to areas of rhyolitic domes and felsic fragmental rocks. Sedimentary rocks are often an integral part of a VMS terrane, and indicate periods of volcanic quiescence, a break required for the deposition of sulphides from hydrothermal fluids emanating from submarine vents. The deposits themselves display a remarkably consistent mineralogical zonation, probably related to the thermal gradient developed around the vent. The vent itself typically consists of a stockwork system containing the richest Cu ore, while within the sulphide mound itself an outward zonation of Fe-Cu to Fe-Cu-Zn-Pb to Fe-Zn-Pb-Ba and finally Fe-Ba is developed.

The McFauld's Lake area satisfies a number of the requirements for the formation of VMS deposits, being underlain by submarine volcanics, including minor felsic volcanics, and most importantly occurring within the stratigraphic horizon where other massive sulphide deposits have been discovered.

1.8 Regional Geology

The Tamarack Project is located in the Superior Province of Northern Ontario, an area of 1,572,000 km^2, which represents 23% of the earth's exposed Archean crust (Thurston, 1991). The Superior Province is divided into numerous Subprovinces (Fig. 1.2), each bounded by linear faults and characterized by differing lithologies, structural/tectonic conditions, ages and metamorphic conditions. These Subprovinces can be classified as one of four types: 1) Volcano-plutonic, consisting of low-grade metamorphic greenstone belts, typically intruded by granitic magmas, and products of multiple deformation events; 2) Metasedimentary, dominated by clastic sediments and displaying low grade metamorphism at the subprovince boundary and amphibolite to granulite facies towards the centers; 3) Gneissic/plutonic, comprised of tonalitic gneiss containing early plutonic and volcanic mafic enclaves, and larger volumes of granitoid plutons, which range from sodic (early) to potassic (late); and 4) High-grade gneissic subprovinces, characterized by amphibolite to granulite facies igneous and metasedimentary gneisses intruded by tonalite, granodioritic and syenitic magmas (Card and Ciesieliski, 1986).

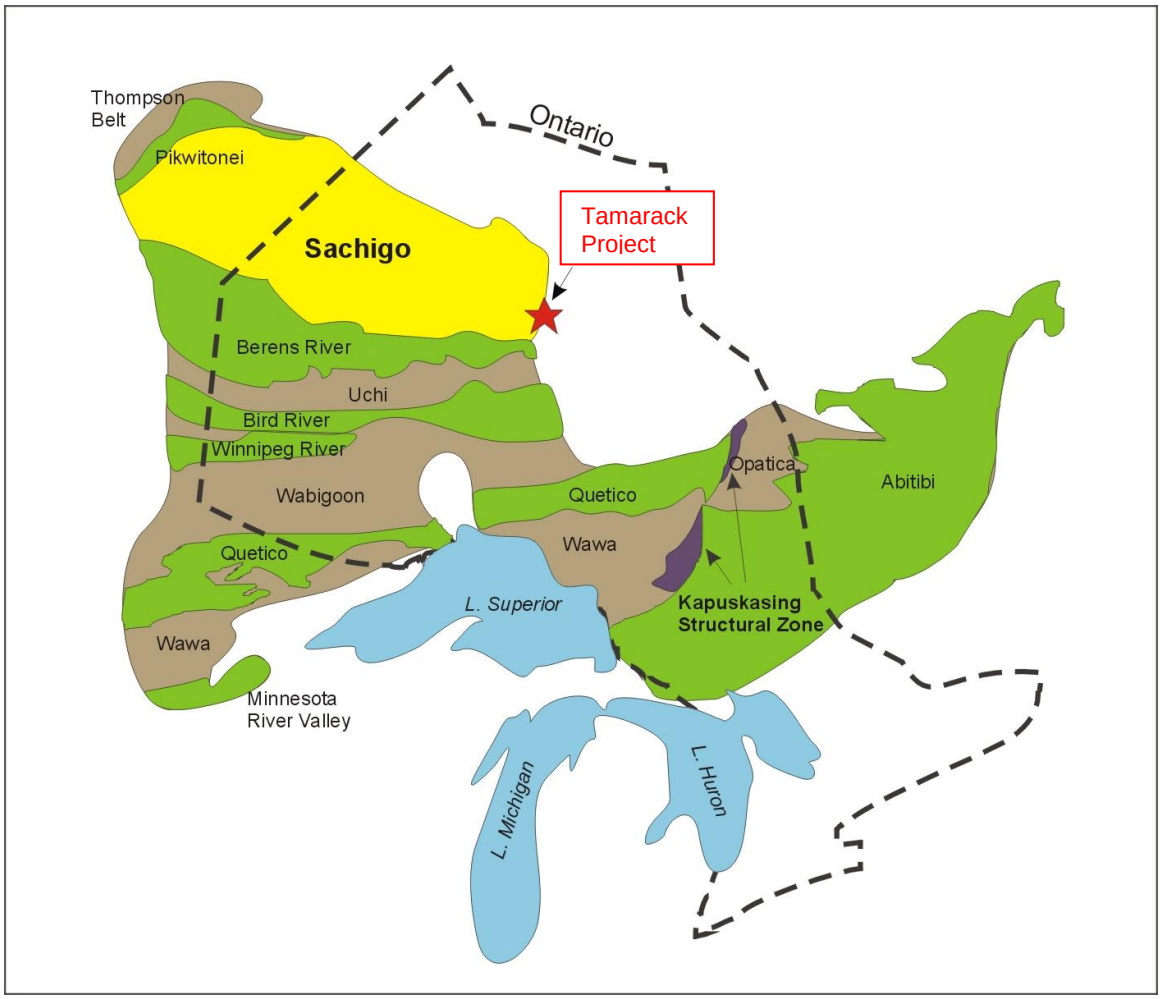

Figure 1.2 The Superior Province, and subprovinces, of Ontario

1.8.1 Sachigo Subprovince

The Sachigo Subprovince represents the northernmost extent of exposed Archean basement rocks of the Superior Province (Fig 1.3). To the west, the Sachigo is bounded by the Trans-Hudson-Orogen (THO) (1.8 Ga), while to the northwest the subprovince is in contact with granitoid and mafic/ultramafic rocks of the Thompson Belt, a collisional zone formed during the THO. To the east, the Sachigo is delimited by the Winisk River Fault, which separates the Superior Province from rocks of the THO Fox River Belt, while the southern limit of the Sachigo subprovince is defined by the Berens River subprovince, a granite-greenstone terrane.

Much less is known about the Sachigo subprovince than the more accessible granite-greenstone belts to the south, with most work concentrating on the handful of isolated greenstone belts found enclosed within the granitic and gneissic units (e.g. Bennet and Riley, 1969; Ayres, 1974; Card and Ciesielski, 1986; Thurston et al., 1991). However, a

number of differences can be noted between the greenstone belts of the Sachigo subprovince and younger greenstone terranes to the south, and include some of the oldest ages for greenstones in the Superior Province (2.9 to 3.0 Ga) (Corfu and Wood, 1986; Thurston et al., 1991); and an unusual sequence of quartz-rich metasediments within a sequence of mafic and felsic volcanic rocks (Thurston et al., 1991). The Berens River granite-greenstone subprovince, immediately to the south of the Sachigo, is interpreted to represent a deeply eroded arc or micro continental core, while rocks of the Sachigo are considered remnants of widespread, early (3.0 Ga) sialic crust (Thurston et al., 1991). Geological similarities between the Sachigo, Berens River, and the Uchi subprovince, situated to the south of the Berens River subprovince, have prompted some researches to define an Uchi-Sachigo-Berens River superterrane (Card and Ciesielski, 1986; Thurston et al., 1991).

1.9 Property Geology

Very little is known about the geology of the McFauld's Lake area, with most of the information obtained from recent drilling in the area of the VMS discoveries at the eastern extent of the volcanics (Franklin, 2003). Within the eastern section of the belt, in the area of the claims, a thin (<40m) section of Paleozoic sedimentary rocks, comprised predominantly of limestone, overlies the volcanic package. The volcanic sequence at this location is comprised of highly altered mafic and felsic volcanic rocks, which have in some cases undergone extensive Mg-metasomatism to form talc-magnetite alteration. In most cases this replacement alteration has occurred to such a degree as to make primary lithologies indiscernible, with all units resembling basaltic flows (Franklin, 2003). The hydrothermal character of the talc-magnetite rock has been established to a fair degree of confidence through whole rock geochemical comparisons utilizing major and trace element characteristics, while precursor lithologies have been demonstrated to be a bimodal population of basaltic and rhylotic-dactic volcanic rocks (Franklin, 2003). The character of the felsic sequence suggests that there was significant heat available to the system, which indicates a greater potential for the formation of VMS mineralization in the volcanic strata.

Owing to the buried nature of the volcanics in this area, property-scale structural data is unavailable, however, fine structural features are preserved in core samples, and comprise predominantly folding, varying from open to isoclinal. In layered sequences a weak S1 foliation is developed parallel to sub-parallel to layering, while rare S2 foliations could be discerned oblique to S1, typically 30-35° from the earlier foliation.

1.9.1 Mafic Volcanics

Mafic volcanics comprise a suite of calc-alkaline basalts and chloritic basalts, with some strata being composed of spherulitic varieties (Franklin, 2003). Very little descriptive data is available for the basalts, however, drill sections indicate that it dominates the volcanic sequence in both the hanging wall and footwall sections (Franklin, 2003). The calc-alkaline nature of the basaltic rocks is suggested by high LREE/HREE ratios, however, alteration makes this determination difficult.

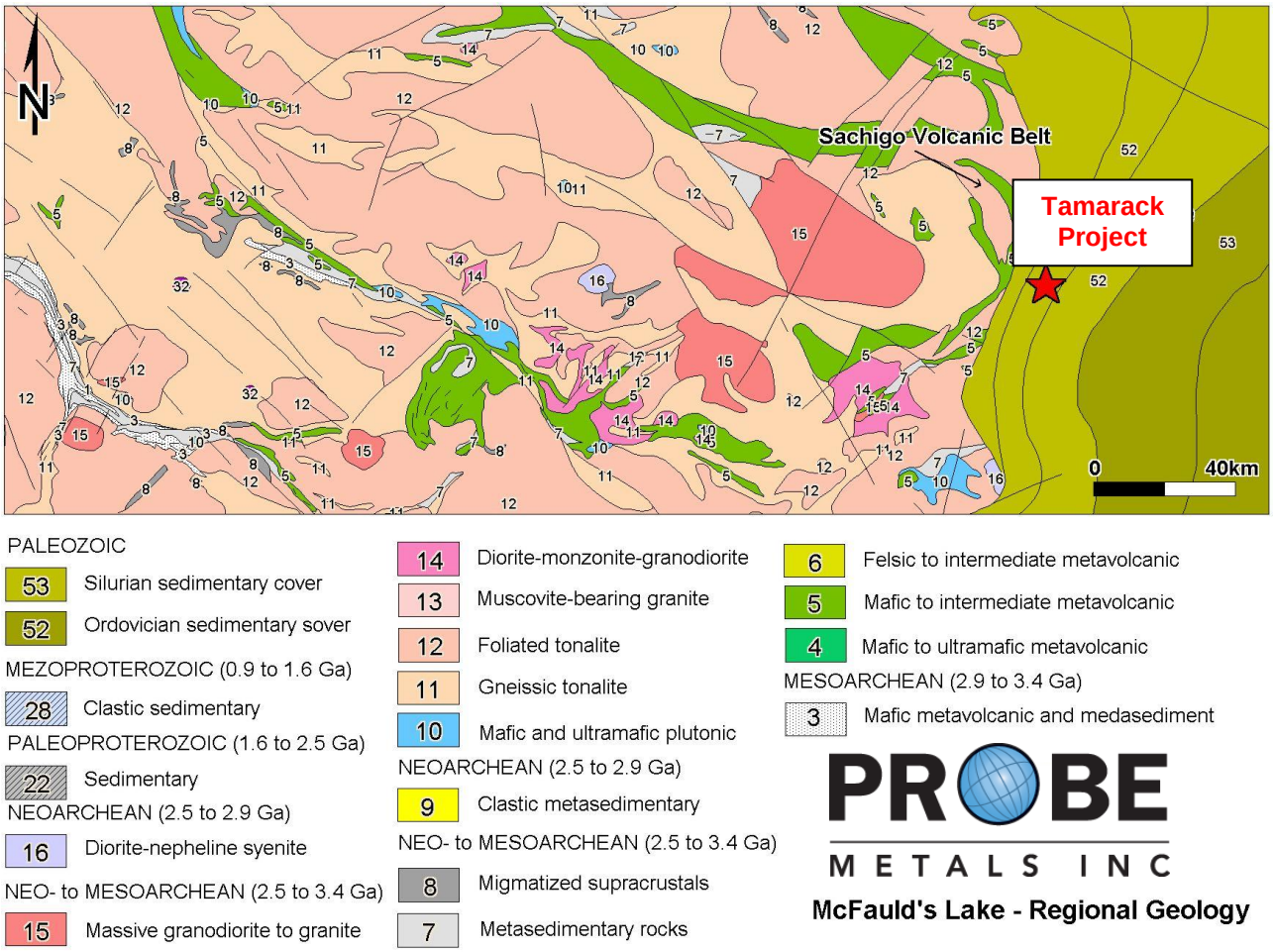

Figure 1.3 – Regional geology of the eastern Sachigo subprovince, McFauld's Lake area

1.9.2 Felsic Volcanics

Original logging of Spider Resources' diamond drill core from the McFauld's area indicated that felsic volcanic rocks were rare in the sequence, however, Franklin (2004) demonstrates geochemically that they occur in much greater quantities than first thought. Although obfuscated by alteration, felsic volcanics occur in both fragmental and massive flow varieties, and can be distinguished from basaltic members through their distinctive REE and immobile element patterns. Their enrichment in REE, and the flat patterns, are indicative of high temperature rhyolites, which are often associated with VMS terranes (Lesher et al., 1986; Franklin, 2003). In drill sections, the felsic volcanics do not correlate well with each other, suggesting they are laterally discontinuous. Within Probe's claims, diamond drilling has identified several felsic volcanic layers comprising predominantly coarse-grained lapilli tuffs and fragmental units, as well as fine-grained ash-fall tuffs. Alteration is present in these units, however preserved sections reveal the highly siliceous nature of the rocks.

1.9.3 Alteration

Talc-magnetite, which is not a common alteration assemblage associated with VMS deposits, predominates in the sulphide mineralized McFauld's Lake volcanics in the area of the discoveries (Franklin, 2003). Originally mapped as iron formation, Franklin (2003) has shown that talc-magnetite zones were produced by hydrothermal alteration of basalt and rhyolite, caused by Mg-bearing brines in seawater convective cells, and not altered ultramafic rock. This alteration formed talc-magnetite "mounds" at seafloor vents by reaction of low-temperature (90-150°C) hydrothermal fluids with surrounding rocks. A number of geochemical characteristics indicate the hydrothermal origin of the Talc, as opposed to formation through alteration of ultramafic rocks, including low Cr and Ni content and positive Eu anomalies (Franklin, 2003). Alteration in the McFauld's Lake volcanics is distinguished by almost total loss of Na and Ca, and significant enrichment in Mg and Fe, which is typical of VMS alteration geochemistry (Franklin, 2003). More common to rocks within the Probe Metals' section is a strong chloritization and carbonatization of the volcanic units, occasionally with the development of accessory magnetite and biotite.

1.9.4 Mineralization

The McFauld's Lake area contains impressive diamond drill intersections of base and precious metal-bearing massive sulphides, up to 42m wide at McFauld's #3, with significant grades of Cu and Zn. In addition to the A-Zone high grade copper discovery (7.8m @ 3.1% copper) and numerous VMS-style intersections of Probe Metals, eight individual zones have been identified in the area, spaced as far as 14km apart, by Spider Resources (Spider Resources, press releases).

Sulphide mineralization is typical of VMS-style deposition, containing a significant base metal component. To date, drilling suggests that that sulphide mineralization is copper-rich and lead-poor, with Zn:Cu ratios similar to those in the bimodal mafic-dominated Noranda-type deposits (Franklin, 2003). The high Zn:Pb ratios support this comparison, and are in sharp contrast to the younger bimodal felsic and bimodal siliciclastic deposits typical of Kuroko-type and Bathurst-type deposits, respectively.

2. Soil Sampling

From September 29 to October 5 2016, Probe Metals completed soil sampling on its Ring of Fire properties, specifically Black Creek and Tamarack. The Tamarack project is the subject of this report, and three hundred and six (306) sites were sampled.

2.1 Survey Specifications

In the James Bay Lowlands, the soil profile is not well developed and as such the interface between organic/inorganic horizons is considered the interface between less decomposed and more decomposed material. The sampling was completed by two 2 person teams consisting of in-house Probe Metals' geologists Breanne Beh and Daniel LaFontaine and two personnel from Haveman Brothers. Ms. Beh and Mr. Lafontaine also completed the logistical organization of the program and assisted Sharon Allan with the compilation of the results and the writing of this report.

Sampling methodology employed a handheld auger to collect the target material, placing the sample material into a small sized ziploc plastic bag. Each bag was numbered and a tyvec sample tag placed inside. The location of each site was recorded using a GPS (Global Positioning System). Comments on material sampled were recorded at each sample site. Equipment was cleaned prior to the next sample site. Duplicate samples were collected every forty samples. Samples were collected along east-west traverse lines.

Two samples were collected at each site. Even numbered samples were sent to Activation Laboratories; whole odd numbered samples were sent to SGS Canada. A total of three hundred and six sites were sampled and seven (7) were duplicated. As such a total of six hundred and twenty six (626) samples were collected. One sample was missing on arrival at Actlabs (312 samples) while SGS received all 313 samples.

The locations of the samples are illustrated in Figure 2.1, with Appendix I containing a 1;10,000 scale location map and a table of sample location data.

2.2 Sample Treatment & Analysis

2.2.1 SGS Canada MMI® analysis

Mobile Metal Ion analysis represents an analytical technique that measures the concentration of adsorbed metal ions on charged mineral surfaces. The MMI® technique was developed to recognize hidden mineral deposits through the identification of chemical indicators, which are transferred by ground water from host lithologies/deposits to overlying soil horizons. The dissolution of mineral phases within mineral deposits by these ground waters produces charged metal species, which are attracted to oppositely charged mineral surfaces in the overlying soil horizon. A dilute acid solution is then used to remove only these adsorbed ions, producing a solution containing the chemical pathfinders. The power of MMI® lies in the relatively small distances over which charged metal species can be transported, providing near in-situ geochemical anomalies.

Figure 2.1 Location Map of Soil Sample Sites

In the MMI® analysis, target elements are extracted using weak solutions of organic and inorganic compounds rather than conventional aggressive acid or cyanide-based digests. MMI® solutions contain strong ligands, which detach and hold metal ions that were loosely bound to soil particles by weak atomic forces in aqueous solution. This extraction does not dissolve the bound forms of the metal ions. Thus, the metal ions in the MMI® solutions are the chemically active or 'mobile' component of the sample. Because these mobile, loosely bound complexes are in very low concentrations, measurement is by conventional ICP-MS and the latest evolution of this technology, ICP-MS Dynamic Reaction Cell™ (DRC II™), allowing very low detection limits to be reported (Table 2.2).

Table 2.2 Detection Limits for MMI® Analysis

ANALYTE	METHOD	DETECTION	UNITS	ANALYTE	METHOD	DETECTION	UNITS
Ag	MMI-M5	1	ppb	Nb	MMI-M5	0.5	ppb
Al	MMI-M5	1	ppm	Nd	MMI-M5	1	ppb
As	MMI-M5	10	ppb	Ni	MMI-M5	5	ppb
Au	MMI-M5	0.1	ppb	P	MMI-M5	0.1	ppm
Ba	MMI-M5	10	ppb	Pb	MMI-M5	10	ppb
Bi	MMI-M5	1	ppb	Pd	MMI-M5	1	ppb
Ca	MMI-M5	10	ppm	Pr	MMI-M5	1	ppb
Cd	MMI-M5	1	ppb	Pt	MMI-M5	1	ppb
Ce	MMI-M5	5	ppb	Rb	MMI-M5	5	ppb
Co	MMI-M5	5	ppb	Sb	MMI-M5	1	ppb
Cr	MMI-M5	100	ppb	Sc	MMI-M5	5	ppb
Cs	MMI-M5	0.5	ppb	Sm	MMI-M5	1	ppb
Cu	MMI-M5	10	ppb	Sn	MMI-M5	1	ppb
Dy	MMI-M5	1	ppb	Sr	MMI-M5	10	ppb
Er	MMI-M5	0.5	ppb	Ta	MMI-M5	1	ppb
Eu	MMI-M5	0.5	ppb	Tb	MMI-M5	1	ppb
Fe	MMI-M5	1	ppm	Te	MMI-M5	10	ppb
Ga	MMI-M5	1	ppb	Th	MMI-M5	0.5	ppb
Gd	MMI-M5	1	ppb	Ti	MMI-M5	3	ppb
Hg	MMI-M5	1	ppb	Tl	MMI-M5	0.5	ppb
In	MMI-M5	0.5	ppb	U	MMI-M5	1	ppb
K	MMI-M5	0.1	ppm	W	MMI-M5	1	ppb
La	MMI-M5	1	ppb	Y	MMI-M5	5	ppb
Li	MMI-M5	5	ppb	Yb	MMI-M5	1	ppb
Mg	MMI-M5	1	ppm	Zn	MMI-M5	20	ppb
Mn	MMI-M5	10	ppb	Zr	MMI-M5	5	ppb
Mo	MMI-M5	5	ppb				

2.2.2 Activation Labs 2B INAA analysis

Given the sample medium collected in the James Bay Lowlands is not true soil but rather largely vegetative matter; it was decided to utilize a geochemical analysis available for organic instead of inorganic material. The analysis chosen was 2B INAA.

Ground vegetation samples weighing 6 to 15 g are compressed under 30 tons of pressure to form a briquette (smaller samples are weighed in vials). Briquettes are stacked with flux wires and an internal standard (1 for 29 samples) and irradiated at a thermal flux of 7 x 10 12 n cm-2 s-1 for 15 minutes. After a 7-day period, to allow Na-24 to decay, the samples are counted on a high purity Ge detector with resolution of better than 1.7 KeV for the 1332 KeV Co-60 photopeak. Using the flux wires, the decay-corrected activities are compared to a calibration developed from multiple certified international reference materials. The standard present is only a check on accuracy and is not used for calibration purposes. From 10-30% of the samples are rechecked by re-measurement. For values exceeding the upper limits, assays are recommended. One standard is analyzed for every 29 samples. The detection limits of the elements analyzed are illustrated in Table 2.3 (www.actlabs.com).

Table 2.3 Detection Limits for 2B INAA Analysis

Element	Detection Limit
Ag	0.3
As	0.01
Au	0.1 ppb
Ba	5
Br	0.01
Ca	0.01%
Ce	0.1
Co	0.1
Cr	0.3

Element	Detection Limit
Cs	0.05
Eu	0.05
Fe	0.01%
Hf	0.05
Hg	0.05
Ir	0.1 ppb
K	0.01%
La	0.01
Lu	0.001

Element	Detection Limit
Mo	0.05
Na	1
Nd	0.3
Ni	2
Rb	1
Sb	0.005
Sc	0.01
Se	0.1
Sm	0.001

Element	Detection Limit
Sr	100
Ta	0.05
Tb	0.1
Th	0.1
U	0.01
W	0.05
Yb	0.005
Zn	2

2.3 Data Manipulation

Data received is provided in ppm or ppb. For the MMI® analysis these were converted to response ratios to further analyse the data. Response ratios (or peak to background ratios) are calculated by dividing each sample value by the predetermined background value for that element. The background value was calculated by 1) determining the lowest 25% of the data for all the samples analysed in the survey area for the particular element; 2) as values less than the detection limit were included, these were deemed to be a value half of the detection limit as an estimate value, 3) the lowest quartile (25%) of the data was calculated - this is the background value for that element. MMI® results are typically displayed in a stacked bar chart form representing the total standard scores of all MMI®s analysed per sample, with each chart illustrating the samples along a traverse.

For the INAA data, the 95th percentile for select elements was calculated and used to identify anomalous sites.

2.4 Results

The Certificates of Analysis from SGS are provided in Appendix II and those from Actlabs are in Appendix III.

The response ratios for select elements are plotted in stacked bar charts and tabulated in Appendix IV. For the both the MMI® and INAA data, absolute values were plotted as graduated ranges and also gridded to create contoured surfaces. Large scale maps illustrating the results are provided in Appendix V.

Line 1
MMI: There are 3 sites that returned anomalous response ratios for Fe – sites 6 (355ppm), 9 (353ppm), and 11 (355ppm).
INAA: Three sites illustrated anomalous As values including 4 (40.8ppm), 8 (47.3ppm) and 9 (40.5ppm), which also returned anomalous Fe: 4 (12.9%), 8 (13.9%), 9 (11.3%) plus site 5 (10.4%). Zn was anomalous at sites 4 (223ppm), 5 (101ppm) and 6 (94ppm).

Line 2
MMI: There are 4 sites that returned anomalous response ratios for Fe – sites 4 (363ppm), 5 (331ppm), 8 (355ppm) and 10 (331ppm).
INAA: Three sites illustrated anomalous Fe values including 6 (18.4%), 7 (8.57%) and 8 (11.1%). Site 6 returned a coincident As value of 80.8ppm. Site 11 returned anomalous Cr of 8.6ppm.

Line 3
MMI: Both sites 9 and 12 had anomalous responses for Cu (70ppm and 100ppm respectively), while site 1 had an anomalous response for Ti (80ppm); site 12 for Ag (0.5ppm) and site 7 for Fe (341ppm).
INAA: No anomalies noted.

Line 4
MMI: No anomalies noted.
INAA: No anomalies noted.

Line 5
MMI: No anomalies noted.
INAA: No anomalies noted.

Line 6
MMI: No anomalies noted.
INAA: No anomalies noted.

Line 7
MMI: Both sites 2 and 5 had anomalous responses for Cu (60ppm and 70ppm respectively), while site 1 had an anomalous response for Ag (0.5ppm) and sites 2 (338ppm) and 3 (371ppm) for Fe.
INAA: At site 2 a Cr anomaly (13.9ppm) and a Zn anomaly (119ppm) were noted.

Line 8
MMI: At site 5 an elevated Fe response ratio was noted (337ppm).
INAA: At site 5 an anomalous Fe value was noted (9.7%)

Line 9
MMI: An elevated Ni response (27ppm) was noted at site 6 while site 1 returned anomalous Pb (172ppm).
INAA: No anomalies noted.

Line 10
MMI: Multiple anomalous responses were noted including site 1 (Zn 2300ppm), site 4 (Zn 2760ppm), site 5 (Pb 227ppm, Ti 80ppm), site 6 (Co 68ppm, Cu 370ppm, Ni 59ppm), site 7 (Co 51 ppm, Cu 100ppm, Ni 31 ppm, Pb 187ppm, Ti 260ppm), site 8 (Co 78ppm, Cu 630ppm, Ni 100ppm), site 10 (Co 43 ppm, Cu 90 ppm, Ni 49 ppm), site 11 (Co 32 ppm), and site 14 (Zn 1510ppm).
INAA: Multiple anomalous responses for Cr were noted including sites 4 (8.3ppm), 5 (27.9ppm), 6 (16.5ppm), 7 (39.9ppm) and 8 (34.2ppm). Site 8 also returned an anomalous value of Co (10.6ppm).

Line 11
MMI: No anomalies noted.
INAA: No anomalies noted.

Line 12
MMI: A single elevated Ni response was noted at site 1 (89ppm). Site 3 returned an anomalous Ti response (90ppm). Site 2 had an elevated Fe response (333ppm) as well as a Co anomaly (42ppm).
INAA: Two Co anomalies were noted at sites 1 (21.9ppm) and 3 (9.1ppm). Site 1 also returned anomalous Cr of 65.3ppm. Site 6 had anomalous As of 62.2ppm.

Line 13
MMI: Pb was anomalous at site 1 (291ppm) while Ni was anomalous at site 7 (25ppm).
INAA: Two sites were anomalous for As, sites 2 (48.3ppm) and 16 (61.4ppm).

Line 14
MMI: Site 1 returned numerous anomalies including Ag (0.6ppm), Co (51ppm), Cu (1100ppm), Ni (199ppm). Sites 2, 3 and 4 were also anomalous for Ni with values of 43ppm, 25ppm and 25ppm respectively. Fe was anomalous at sites 11 (370ppm) and 12 (373ppm).
INAA: Multiples sites illustrated anomalous As (+/- Co, Fe, Zn) and included 4 (As 101ppm, Co 9.7ppm), 5 (As 46.5ppm, Co 8.7ppm), 6 (As 87.5ppm), 7 (As 56.4 ppm, Zn 134 ppm), 9 (As 44.4ppm), 10 (As 53 ppm, Fe 11.2%). Fe was also anomalous at sites 11 (10.3%) and 12 (9.45%).

Line 15
MMI: A single Pb anomaly was noted at site 1 (175ppm).
INAA: No anomalies noted.

Line 16

MMI: A single Ni anomaly was noted at site 1 (27ppm). Two Pb anomalies were noted at sites 18 (820ppm) and 20 (940ppm), and a single Zn anomaly at site 8 (1800ppm). Two Fe anomalies were noted at site 7 (352ppm) and 10 (364ppm).

INAA: Multiples sites illustrated anomalous Fe (+/- Zn) and included sites 7 (Fe 9.87%), 8 (Fe 16.8%, Zn 156ppm), 9 (Fe 13.3%), 10 (Fe 17.9%) and a solitary Zn anomaly at site 11 of 122ppm.

Line 17

MMI: Site 5 returned numerous anomalies including Co (55ppm), Cu (1620ppm), Ni (465ppm), and Ag (7.4ppm). Site 4 returned anomalies for Ni (25ppm) and Co (33ppm), while site 1 had a solitary Co anomaly of 42ppm.

INAA: Sites 1 returned anomalies for Zn (185ppm), Co (50ppm) and As (47.3ppm). Site 2 returned an anomalous value of Co (18.8ppm). Sites 4 and 5 returned anomalous Co and Cr values which were respectively Co 21ppm, Cr 17.5ppm and Co 66ppm, Cr 58.8ppm.

Line 18

MMI: A single Zn anomaly of 1670ppm at site 16 was noted.

INAA: Five Zn anomalies were noted at sites 10 (98ppm), 11 (94ppm), 14 (128ppm), 16 (93ppm) and 19 (115ppm).

Line 19

MMI: Multiple Co anomalies were noted at sites 24 (20.4ppm), 25 (28.5ppm), 26 (10.5ppm), 27 (17.4ppm) and 28 (12ppm). Site 25 also returned anomalous Cu (150ppm) and Ni (170ppm). Pb was anomalous at sites 13 (341ppm) 22 (326ppm) and 23 (504ppm). Zn was anomalous at sites 8 (1670ppm), 10 (1460ppm), 11 (1680ppm) and 19 (1890ppm).

INAA: Multiple Co anomalies were also noted at sites 23 (8.7ppm), 24 (32ppm), 25 (50ppm), 26 (59ppm), 27 (66ppm) and 28 (49ppm). Coincident Cr anomalies were noted at 23 (9.4ppm), 24 (24.4ppm), 25 (35.5ppm). Site 24 also returned an As anomaly (39.1ppm). Fe was anomalous at site 3 (10.4%) and Zn at site 8 (92ppm).

Line 20

MMI: Multiple Zn anomalies were noted at sites 3 (1620ppm), 8 (2690ppm) and 10 (3610ppm), with a coincident Ni anomaly at site 3 (26ppm).

INAA: Two As anomalies were noted at sites 1 (60.4ppm) and 2 (61.1ppm), with site 2 also returning a coincident Fe anomaly of 8.82%. Site 5 returned Co of 12.1ppm and site 7 returned Zn of 168ppm.

Line 21

MMI: Multiple Pb anomalies were noted at sites 8 (166ppm), 10 (246ppm), 12 (178ppm) and 16 (359ppm), while site 4 returned a Ti anomaly of 90ppm.

INAA: A single Co was observed at site 6 of 14.5ppm.

Line 22

MMI: Multiple Ni anomalies were observed at sites 6 (79ppm), 12 (77ppm), 12 (29ppm) and 17 (30ppm). Site 6 was also anomalous for Cu with 160ppm. Pb was anomalous at sites 2 (225ppm) and 7 (262ppm). Site 2 also returned a Zn anomaly (1960ppm), and other anomalous Zn sites included 10 (3100ppm), 11(1420ppm) and 16 (1430ppm). Site 16 also

had elevated Ti of 110ppm, while sites 5 and 14 also returned anomalous Ti values of 170ppm and 100ppm respectively.
INAA: Two Zn anomalies were noted at sites 10 (122ppm) and 11 (104ppm). A single Cr anomaly was noted at site 5 (7.9ppm).

3. Conclusions

Previous geochemical, geological, geophysical and drilling data obtained for the Tamarack Project indicates a strong potential for hosting polymetallic sulphide mineralization of the type typically associated with submarine volcanic environments, i.e., VMS-type, and the property merits further exploration expenditures. Past drilling on the project identified a zone of high-grade copper mineralization of significant width (7.8m @ 3,1%) and a second sulphide zone to the south.

The geochemical survey completed reveals anomalous responses, particularly for VMS style deposits, and merits further investigation. As such, these work expenditures are being filed to keep the claims in good standing.

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APPENDIX I

Soil Sampling
a) Location map 1:10,000
b) Sample location table

5,861,000 mN
5,860,500 mN
5,860,000 mN
5,859,500 mN
5,859,000 mN
5,858,500 mN
5,858,000 mN
5,857,500 mN
564,500 mE
565,000 mE
565,500 mE
566,000 mE
566,500 mE
567,000 mE
567,500 mE
568,000 mE
3011925
3011927
3011922
3011928
3011926
3011923
N
0
400
800
metres
Soil Sample Site
Probe Metals Claim

Sample MMI	Sample ICP-MS	Site #	Duplicate	UTM E	UTM N	Claim	Physiography	Depth (cm)	Clay %	Sand %	Gravel %	Silt %	Organic %	Moisture	Colour
WS01937	WS01938	L01-01		566549	5860503	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS01939	WS01940	L01-02		566598	5860500	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS01941	WS01942	L01-03		566650	5860500	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS01943	WS01944	L01-04		566700	5860499	3011925	Wetland	130				30%	70%	Saturated	Black
WS01945	WS01946	L01-05		566749	5860500	3011925	Wetland	130				20%	80%	Wet	Black
WS01947	WS01948	L01-06		566801	5860501	3011925	Wetland	130				20%	80%	Saturated	Brown - Black
WS01949	WS01950	L01-06	Dup	566801	5860501	3011925	Wetland	130				20%	80%	Saturated	Brown - Black
WS02001	WS02002	L01-07		566849	5860499	3011925	Wetland	130				10%	90%	Wet	
WS02004	WS02003A	L01-08		566899	5860499	3011922	Wetland	130				10%	90%	Saturated	Brown - Black
WS02005	WS02006	L01-09		566951	5860503	3011922	Wetland	130				20%	80%	Wet	Brown - Black
WS02007	WS02008	L01-10		567000	5860499	3011922	Wetland	130				10%	90%	Saturated	Brown - Black
WS02009	WS02010	L01-11		567051	5860501	3011922	Wetland	130				20%	80%	Saturated	Brown - Black
WS02011	WS02012	L01-12		567101	5860502	3011922	Wetland	130				30%	70%	Saturated	Brown - Black
WS02013	WS02014	L01-13		567150	5860499	3011922	Wetland	130					100%	Wet	Brown - Black
WS02015	WS02016	L01-14		567200	5860505	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02017	WS02018	L01-15		567250	5860500	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02047	WS02048	L02-1		566600	5860298	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02049	WS02050	L02-1	Dup	566600	5860298	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02029	WS02030	L02-10		567050	5860299	3011922	Wetland	130				10%	90%	Saturated	Brown - Black
WS02027	WS02028	L02-11		567100	5860301	3011922	Wetland	130				30%	70%	Wet	Brown - Black
WS02025	WS02026	L02-12		567150	5860299	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02023	WS02024	L02-13		567200	5860300	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02021	WS02022	L02-14		567248	5860299	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02019	WS02020	L02-15		567292	5860305	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02045	WS02046	L02-2		566648	5860303	3011925	Wetland	130					100%	Wet	Brown - Black
WS02043	WS02044	L02-3		566699	5860300	3011925	Wetland	130				10%	90%	Wet	Black
WS02041	WS02042	L02-4		566748	5860303	3011925	Wetland	130					100%	Wet	Brown - Black
WS02039	WS02040	L02-5		566799	5860300	3011925	Wetland	130				10%	90%	Saturated	Black
WS02037	WS02038	L02-6		566846	5860299	3011925	Wetland	130				10%	90%	Saturated	Black
WS02035	WS02036	L02-7		566899	5860298	3011925	Wetland	130				20%	80%	Saturated	Black
WS02033	WS02034	L02-8		566948	5860298	3011922	Wetland	130				10%	90%	Saturated	Brown - Black
WS02031	WS02032	L02-9		566999	5860300	3011922	Wetland	130					100%	Saturated	Brown - Black
WS02051	WS02052	L03-01		566574	5860150	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02053	WS02054	L03-02		566626	5860153	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02055	WS02056	L03-03		566675	5860151	3011925	Wetland	130					100%	Saturated	Brown - Orange

Sample MMI	Sample ICP-MS	Site #	Duplicate	UTM E	UTM N	Claim	Physiography	Depth (cm)	Clay %	Sand %	Gravel %	Silt %	Organic %	Moisture	Colour
WS02057	WS02058	L03-04		566725	5860152	3011925	Wetland	130				30%	70%	Saturated	Black
WS02059	WS02060	L03-05		566775	5860150	3011925	Wetland	130				10%	90%	Saturated	Black
WS02061	WS02062	L03-06		566826	5860151	3011925	Wetland	130				30%	70%	Saturated	Black
WS02063	WS02064	L03-07		566875	5860152	3011925	Wetland	130				20%	80%	Saturated	Black
WS02065	WS02066	L03-08		566924	5860151	3011922	Wetland	130				20%	80%	Saturated	Black
WS02067	WS02068	L03-09		566976	5860153	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02069	WS02070	L03-10		567027	5860148	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02071	WS02072	L03-11		567076	5860150	3011922	Wetland	130					100%	Saturated	Brown - Black
WS02073	WS02074	L03-12		567126	5860151	3011922	Wetland	130				10%	90%	Saturated	Brown - Black
WS02075	WS02076	L03-13		567174	5860151	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02077	WS02078	L03-14		567225	5860150	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02079	WS02080	L03-15		567275	5860151	3011922	Wetland	130					100%	Wet	Brown - Orange
WS02187	WS02188	L04 - 01		566349	5859900	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02189	WS02190	L04 - 02		566400	5859900	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02191	WS02192	L04 - 03		566450	5859901	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02193	WS02194	L04 - 04		566501	5859901	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02195	WS02196	L04 - 05		566550	5859898	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02081	WS02082	L05 - 01		566899	5859899	3011925	Wetland	130					100%	Wet	Brown - Orange
WS02083	WS02084	L05 - 02		566951	5859903	3011922	Wetland	130					100%	Saturated	Brown - Black
WS02085	WS02086	L05 - 03		567001	5859898	3011922	Wetland	130					100%	Saturated	Brown - Black
WS02087	WS02088	L05 - 04		567049	5859900	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02089	WS02090	L05 - 05		567100	5859901	3011922	Wetland	130					100%	Saturated	Brown - Black
WS02225	WS02226	L06 - 1		565800	5859751	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02223	WS02224	L06 - 2		565850	5859751	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02221	WS02222	L06 - 3		565899	5859750	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02219	WS02220	L06 - 4		565949	5859750	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02217	WS02218	L06 - 5		566000	5859749	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02215	WS02216	L06 - 6		566050	5859750	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02213	WS02214	L06 - 7		566100	5859751	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02211	WS02212	L06 - 8		566150	5859750	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02209	WS02210	L06 - 9		566200	5859750	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02207	WS02208	L06 - 10		566250	5859751	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02205	WS02206	L06 - 11		566301	5859750	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02203	WS02204	L06 - 12		566350	5859751	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02201	WS02202	L06 - 13		566400	5859750	3011925	Wetland	130					100%	Saturated	Brown - Orange

Sample MMI	Sample ICP-MS	Site #	Duplicate	UTM E	UTM N	Claim	Physiography	Depth (cm)	Clay %	Sand %	Gravel %	Silt %	Organic %	Moisture	Colour
WS02199	WS02200	L06 - 14		566450	5859749	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02197	WS02198	L06 - 15		566502	5859751	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02099	WS02100	L07 - 01		566999	5859701	3011922	Wetland	130					100%	Saturated	Black
WS02097	WS02098	L07 - 02		567051	5859701	3011922	Wetland	130				10%	90%	Saturated	Black
WS02095	WS02096	L07 - 03		567101	5859699	3011922	Wetland	130				20%	80%	Saturated	Black
WS02093	WS02094	L07 - 04		567151	5859700	3011922	Wetland	130				10%	90%	Saturated	Black
WS02091	WS02092	L07 - 05		567201	5859698	3011922	Wetland	130					100%	Saturated	Black
WS02227	WS02228	L08 - 01		565752	5859499	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02229	WS02230	L08 - 02		565799	5859500	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02231	WS02232	L08 - 03		565849	5859499	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02233	WS02234	L08 - 04		565900	5859501	3011925	Wetland	130				30%	70%	Saturated	Black
WS02235	WS02236	L08 - 05		565949	5859500	3011925	Wetland	130				10%	90%	Saturated	Black
WS02237	WS02238	L08 - 06		565999	5859499	3011925	Wetland	130				10%	90%	Saturated	Brown - Orange
WS02239	WS02240	L08 - 07		566049	5859501	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02241	WS02242	L08 - 08		566100	5859500	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02243	WS02244	L08 - 09		566151	5859501	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02245	WS02246	L08 - 10		566199	5859500	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02247	WS02248	L08 - 11		566249	5859500	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02249	WS02250	L08 - 11	Dup	566249	5859500	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477201	W1477202	L08 - 12		566299	5859500	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477203	w1477204	L08 - 13		566349	5859502	3011925	Wetland	130					100%	Wet	Brown - Orange
W1477205	W1477206	L08 - 14		566399	5859500	3011925	Wetland	130					100%	Wet	Brown - Orange
W1477207	W1477208	L08 - 15		566450	5859500	3011925	Wetland	130				20%	80%	Saturated	Brown - Black
WS02117	WS02118	L09 - 01		566699	5859501	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02115	WS02116	L09 - 02		566749	5859501	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02113	WS02114	L09 - 03		566800	5859500	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02111	WS02112	L09 - 04		566850	5859500	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02109	WS02110	L09 - 05		566900	5859501	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02107	WS02108	L09 - 06		566950	5859500	3011922	Wetland	130					100%	Wet	Brown - Orange
WS02105	WS02106	L09 - 07		567000	5859499	3011922	Wetland	130					100%	Wet	Brown - Orange
WS02103	WS02104	L09 - 08		567051	5859499	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02101	WS02102	L09 - 09		567099	5859500	3011922	Wetland	130					100%	Saturated	Brown - Orange
W1477061	W1477062	L10-01		565144	5859321	3011927	Wetland	130					100%	Wet	Brown black
W1477059	W1477060	L10-02		565200	5859320	3011927	Wetland	130					100%	Wet	Brown black
W1477253	W1477254	L10-03		565249	5859299	3011927	Wetland	130					100%	Saturated	Brown - Orange

Sample MMI	Sample ICP-MS	Site #	Duplicate	UTM E	UTM N	Claim	Physiography	Depth (cm)	Clay %	Sand %	Gravel %	Silt %	Organic %	Moisture	Colour
W1477057	W1477058	L10-04		565296	5859317	3011927	Wetland	130					100%	Wet	Brown black
W1477251	W1477252	L10-05		565350	5859305	3011925	Wetland	130				20%	80%	Saturated	Brown - Orange
W1477055	W1477056	L10-06		565397	5859314	3011925	Wetland	130					100%	Wet	Brown black
W1477247	W1477248	L10-07	`	565449	5859301	3011925	Wetland	130		60%	10	30%		Wet	Brown - grey
W1477249	W1477250	L10-07	Dup	565449	5859301	3011925	Wetland	130		60%	10	30%		Wet	Brown - grey
W1477053	W1477054	L10-08		565499	5859305	3011925	Wetland	130					100%	Moist	Black
W1477245	W1477246	L10-09		565551	5859301	3011925	Wetland	130				10%	10%	Saturated	Brown - Black
W1477243	W1477244	L10 - 10		565597	5859299	3011925	Wetland	130				10%	90%	Saturated	Brown - Black
W1477241	W1477242	L10 - 11		565651	5859299	3011925	Wetland	130				20%	80%	Saturated	Black
W1477239	W1477240	L10 - 12		565700	5859298	3011925	Wetland	130				20%	80%	Saturated	Black
W1477237	W1477238	L10 - 13		565750	5859300	3011925	Wetland	130				20%	80%	Saturated	Brown - Black
W1477235	W1477236	L10 - 14		565799	5859300	3011925	Wetland	130				20%	80%	Saturated	Brown - Black
W1477233	W1477234	L10 - 15		565850	5859299	3011925	Wetland	130				10%	90%	Saturated	Brown - Black
W1477231	W1477232	L10 - 16		565900	5859301	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477229	W1477230	L10 - 17		565948	5859302	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477227	W1477228	L10 - 18		566000	5859300	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477225	W1477226	L10 - 19		566050	5859300	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477223	W1477224	L10 - 20		566100	5859302	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477221	W1477222	L10 - 21		566150	5859299	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477219	W1477220	L10 - 22		566200	5859302	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477217	W1477218	L10 - 23		566250	5859299	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477215	W1477216	L10 - 24		566299	5859298	3011925	Wetland	130				10%	90%	Saturated	Brown - Orange
W1477213	W1477214	L10 - 25		566351	5859299	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477211	W1477212	L10 - 26		566401	5859302	3011925	Wetland	130				10%	90%	Saturated	Brown - Black
W1477209	W1477210	L10 - 27		566449	5859299	3011925	Wetland	130				20%	80%	Saturated	Brown - Orange
WS02119	WS02120	L011 - 01		566701	5859301	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02121	WS02122	L011 - 02		566750	5859300	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02123	WS02124	L011 - 03		566801	5859302	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02125	WS02126	L011 - 04		566850	5859299	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02127	WS02128	L011 - 05		566900	5859300	3011925	Wetland	130					100%	Saturated	Brown - Orange
W1477051	W1477052	L12-01		565648	5859107	3011925	Wetland	130		20%			80%	Wet	Black
W1477049	W1477050	L12-02		565698	5859104	3011925	Wetland	130					100%	Wet	Black
W1477047	W1477048	L12-03		565750	5859106	3011925	Wetland	130					100%	Wet	Brown black
W1477045	W1477046	L12-04		565799	5859103	3011925	Wetland	130					100%	Wet	Black
W1477043	W1477044	L12-05		565851	5859103	3011925	Wetland	130					100%	Saturated	Brown black

Sample MMI	Sample ICP-MS	Site #	Duplicate	UTM E	UTM N	Claim	Physiography	Depth (cm)	Clay %	Sand %	Gravel %	Silt %	Organic %	Moisture	Colour
W1477041	W1477042	L12-06		565900	5859101	3011925	Wetland	130					100%	Saturated	Black
W1477039	W1477040	L12-07		565937	5859100	3011925	Wetland	130					100%	Wet	Black
W1477037	W1477038	L12-08		565974	5859093	3011925	Wetland	130					100%	Saturated	Black
W1477035	W1477036	L12-09		566049	5859097	3011925	Wetland	130					100%	Wet	Black
W1477033	W1477034	L12-10		566099	5859095	3011925	Wetland	130					100%	Saturated	Brown black
W1477031	W1477032	L12-11		566151	5859096	3011925	Wetland	130					100%	Saturated	Brown black
W1477029	W1477030	L12-12		566189	5859092	3011925	Wetland	130					100%	Wet	Brown black
WS02159	WS02160	L13 - 1		566499	5859100	3011925	Wetland	130				20%	80%	Saturated	Brown - Orange
WS02157	WS02158	L13 - 2		566548	5859099	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02155	WS02156	L13 - 3		566596	5859094	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02153	WS02154	L13 - 4		566648	5859100	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02151	WS02152	L13 - 5		566699	5859099	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02147	WS02148	L13 - 6		566750	5859100	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02149	WS02150	L13 - 6	Dup	566750	5859100	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02145	WS02146	L13 - 7		566800	5859099	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02143	WS02144	L13 - 8		566849	5859101	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02141	WS02142	L13 - 9		566900	5859100	3011925	Wetland	130					100%	Saturated	Brown - Orange
WS02139	WS02140	L13 - 10		566950	5859101	3011922	Wetland	130					100%	Wet	Brown - Orange
WS02137	WS02138	L13 - 11		566999	5859100	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02135	WS02136	L13 - 12		567050	5859101	3011922	Wetland	130					100%	Saturated	Brown - Orange
WS02133	WS02134	L13 - 13		567099	5859099	3011922	Wetland	130					100%	Saturated	Brown - Black
WS02185	WS02186	L13 - 14		567149	5859102	3011922	Wetland	130				10%	90%	Saturated	Brown - Orange
WS02131	WS02132	L13 - 15		567201	5859102	3011922	Wetland	130				10%	90%	Saturated	Black
WS02129	WS02130	L13 - 16		567250	5859101	3011922	Wetland	130				30%	70%	Saturated	Black
W1477005	W1477006	L14-01		565600	5858906	3011926	Wetland	130					100%	Saturated	Brown black
W1477007	W1477008	L14-02		565653	5858904	3011926	Wetland	130					100%	Saturated	Black
W1477009	W1477010	L14-03		565700	5858902	3011926	Wetland	130					100%	Saturated	Black
W1477011	W1477012	L14-04		565749	5858902	3011926	Wetland	130					100%	Saturated	Brown black
W1477013	W1477014	L14-05		565802	5858902	3011926	Wetland	130					100%	Saturated	Black
W1477015	W1477016	L14-06		565855	5858901	3011926	Wetland	130					100%	Saturated	Black
W1477017	W1477018	L14-07		565901	5858900	3011926	Wetland	130					100%	Wet	Black
W1477019	W1477020	L14-08		565950	5858899	3011926	Wetland	130					100%	Saturated	Black
W1477021	W1477022	L14-09		566001	5858897	3011926	Wetland	130					100%	Saturated	Black
W1477023	W1477024	L14-10		566056	5858896	3011926	Wetland	130					100%	Saturated	Black
W1477025	W1477026	L14-11		566105	5858897	3011926	Wetland	130					100%	Wet	Black

Sample MMI	Sample ICP-MS	Site #	Duplicate	UTM E	UTM N	Claim	Physiography	Depth (cm)	Clay %	Sand %	Gravel %	Silt %	Organic %	Moisture	Colour
W1477027	W1477028	L14-12		566150	5858897	3011926	Wetland	130					100%	Saturated	Black
WS02161	WS02162	L15 - 01		566351	5858899	3011926	Wetland	130					100%	Saturated	Brown - Orange
WS02163	WS02164	L15 - 02		566401	5858900	3011926	Wetland	130					100%	Saturated	Brown - Orange
WS02165	WS02166	L15 - 03		566451	5858902	3011926	Wetland	130					100%	Saturated	Brown - Orange
WS02167	WS02168	L15 - 04		566501	5858900	3011926	Wetland	130				30%	70%	Saturated	Brown - Orange
WS02169	WS02170	L15 - 05		566549	5858900	3011926	Wetland	130					100%	Saturated	Brown - Orange
WS02171	WS02172	L15 - 06		566599	5858900	3011926	Wetland	130					100%	Saturated	Brown - Orange
WS02173	WS02174	L15 - 07		566649	5858901	3011926	Wetland	130					100%	Saturated	Brown - Black
WS02175	WS02176	L15 - 08		566700	5858901	3011926	Wetland	130					100%	Saturated	Brown - Orange
WS02177	WS02178	L15 - 09		566750	5858901	3011926	Wetland	130					100%	Saturated	Brown - Orange
WS02179	WS02180	L15 - 10		566800	5858899	3011926	Wetland	130				20%	80%	Saturated	Brown - Orange
WS02181	WS02182	L15 - 11		566850	5858899	3011926	Wetland	130				10%	90%	Saturated	Black
WS02183	WS02184	L15 - 12		566900	5858901	3011926	Wetland	130				30%	70%	Saturated	Black
W1477003	W1477004	L16-01		565736	5858705	3011926	Wetland	130					100%	Wet	Brown black
W1477001	W1477002	L16-02		565802	5858702	3011926	Wetland	130					100%	Saturated	Brown black
WS02499	WS02500	L16-03		565850	5858700	3011926	Wetland	130					100%	Moist	Brown black
WS02497	WS02498	L16-04		565898	5858701	3011926	Wetland	130					100%	Moist	Brown black
WS02495	WS02496	L16-05		565954	5858702	3011926	Wetland	130					100%	Wet	Brown black
WS02493	WS02494	L16-06		566007	5858700	3011926	Wetland	130					100%	Wet	Black
WS02491	WS02492	L16-07		566049	5858699	3011926	Wetland	130					100%	Wet	Black
WS02489	WS02490	L16-08		566101	5858699	3011926	Wetland	130					100%	Saturated	Black
WS02487	WS02488	L16-09		566150	5858697	3011926	Wetland	130					100%	Wet	Black
WS02485	WS02486	L16-10		566200	5858695	3011926	Wetland	130					100%	Wet	Black
WS02483	WS02484	L16-11		566247	5858694	3011926	Wetland	130					100%	Wet	Black
WS02481	WS02482	L16-12		566300	5858693	3011926	Wetland	130					100%	Wet	Brown black
WS02479	WS02480	L16-13		566350	5858690	3011926	Wetland	130					100%	Moist	Brown black
WS02477	WS02478	L16-14		566400	5858689	3011926	Wetland	90					100%	Wet	Brown black
WS02475	WS02476	L16-15		566450	5858688	3011926	Wetland	130					100%	Wet	Brown black
WS02473	WS02474	L16-16		566501	5858688	3011926	Wetland	130					100%	Wet	Brown black
WS02471	WS02472	L16-17		566550	5858685	3011926	Wetland	130					100%	Wet	Brown black
WS02469	WS02470	L16-18		566597	5858697	3011926	Wetland	130					100%	Wet	Brown black
WS02467	WS02468	L16-19		566649	5858684	3011926	Wetland	130					100%	Saturated	Brown black
WS02465	WS02466	L16-20		566701	5858683	3011926	Wetland	130					100%	Saturated	Brown black
WS02463	WS02464	L17-01		566950	5858677	3011923	Wetland	130					100%	Wet	Brown black
WS02461	WS02462	L17-02		567000	5858673	3011923	Wetland	130					100%	Wet	Black

Sample MMI	Sample ICP-MS	Site #	Duplicate	UTM E	UTM N	Claim	Physiography	Depth (cm)	Clay %	Sand %	Gravel %	Silt %	Organic %	Moisture	Colour
WS02459	WS02460	L17-03		567050	5858674	3011923	Wetland	130					100%	Wet	Brown black
WS02457	WS02458	L17-04		567094	5858674	3011923	Wetland	130				10%	90%	Wet	Black
WS02455	WS02456	L17-05		567154	5858673	3011923	Wetland	70	15%			10%	75%	Moist	Brown grey
WS02453	WS02454	L18-01		565950	5858501	3011926	Wetland	130					100%	Wet	Black
WS02451	WS02452	L18-02		566001	5858499	3011926	Wetland	130					100%	Saturated	Black
WS02447	WS02448	L18-03		566051	5858499	3011926	Wetland	130					100%	Saturated	Black
WS02449	WS02450	L18-03	DUP	566051	5858499	3011926	Wetland	130					100%	Saturated	Black
WS02445	WS02446	L18-04		566101	5858497	3011926	Wetland	130					100%	Saturated	Black
WS02443	WS02444	L18-05		566150	5858497	3011926	Wetland	130					100%	Saturated	Black
WS02441	WS02442	L18-06		566200	5858495	3011926	Wetland	130					100%	Saturated	Black
WS02439	WS02440	L18-07		566252	5858493	3011926	Wetland	130					100%	Saturated	Black
WS02437	WS02438	L18-08		566303	5858491	3011926	Wetland	130					100%	Saturated	Black
WS02435	WS02436	L18-09		566351	5858489	3011926	Wetland	130					100%	Saturated	Brown black
WS02433	WS02434	L18-10		566398	5858489	3011926	Wetland	130					100%	Wet	Brown black
WS02431	WS02432	L18-11		566448	5858489	3011926	Wetland	130					100%	Wet	Brown black
WS02429	WS02430	L18-12		566508	5858486	3011926	Wetland	130					100%	Saturated	Black
WS02427	WS02428	L18-13		566550	5858485	3011926	Wetland	130					100%	Saturated	Black
WS02425	WS02426	L18-14		566600	5858488	3011926	Wetland	130					100%	Saturated	Brown black
WS02423	WS02424	L18-15		566648	5858482	3011926	Wetland	130					100%	Wet	Brown black
WS02421	WS02422	L18-16		566699	5858481	3011926	Wetland	130					100%	Wet	Brown black
WS02419	WS02420	L18-17		566749	5858480	3011926	Wetland	130					100%	Moist	Brown black
WS02417	WS02418	L18-18		566792	5858479	3011926	Wetland	130					100%	Wet	Brown black
WS02415	WS02416	L18-19		566851	5858478	3011926	Wetland	130					100%	Wet	Brown black
WS02413	WS02414	L18-20		566896	5858474	3011926	Wetland	130					100%	Wet	Brown black
WS02411	WS02412	L18-21		566960	5858474	3011923	Wetland	130					100%	Saturated	Brown black
WS02409	WS02410	L18-22		567000	5858472	3011923	Wetland	130					100%	Moist	Brown black
WS02407	WS02408	L18-23		567050	5858470	3011923	Wetland	130					100%	Wet	Brown black
WS02405	WS02406	L18-24		567102	5858470	3011923	Wetland	130					100%	Moist	Brown black
WS02403	WS02404	L18-25		567149	5858467	3011923	Wetland	130					100%	Wet	Brown black
WS02363	WS02364	L19-01		565950	5858301	3011926	Wetland	130					100%	Wet	Black
WS02365	WS02366	L19-02		566001	5858301	3011926	Wetland	130					100%	Wet	Black
WS02367	WS02368	L19-03		566052	5858299	3011926	Wetland	130					100%	Wet	Black
WS02369	WS02370	L19-04		566100	5858297	3011926	Wetland	130					100%	Saturated	Black
WS02371	WS02372	L19-05		566147	5858288	3011926	Wetland	130					100%	Saturated	Black
WS02373	WS02374	L19-06		566201	5858295	3011926	Wetland	130					100%	Wet	Brown black

Sample MMI	Sample ICP-MS	Site #	Duplicate	UTM E	UTM N	Claim	Physiography	Depth (cm)	Clay %	Sand %	Gravel %	Silt %	Organic %	Moisture	Colour
WS02375	WS02376	L19-07		566250	5858295	3011926	Wetland	130					100%	Saturated	Brown black
WS02377	WS02378	L19-08		566301	5858296	3011926	Wetland	130					100%	Wet	Brown black
WS02379	WS02380	L19-09		566350	5858294	3011926	Wetland	130					100%	Saturated	Brown black
WS02381	WS02382	L19-10		566402	5858290	3011926	Wetland	130					100%	Wet	Brown black
WS02383	WS02384	L19-11		566451	5858290	3011926	Wetland	130					100%	Saturated	Brown black
WS02385	WS02386	L19-12		566502	5858290	3011926	Wetland	130					100%	Wet	Black
WS02387	WS02388	L19-13		566551	5858283	3011926	Wetland	130					100%	Saturated	Black
WS02389	WS02390	L19-14		566598	5858289	3011926	Wetland	130					100%	Saturated	Black
WS02391	WS02392	L19-15		566654	5858286	3011926	Wetland	130					100%	Saturated	Black
WS02393	WS02394	L19-16		566699	5858286	3011926	Wetland	130					100%	Wet	Brown black
WS02395	WS02396	L19-17		566751	5858283	3011926	Wetland	130					100%	Wet	Brown black
WS02397	WS02398	L19-18		566801	5858283	3011926	Wetland	130					100%	Wet	Brown black
WS02399	WS02400	L19-19		566851	5858281	3011926	Wetland	130					100%	Wet	Brown black
WS02401	WS02402	L19-20		566900	5858281	3011926	Wetland	130					100%	Moist	Brown black
WS02339	WS02340	L19-21		566934	5858280	3011923	Wetland	130					100%	Wet	Brown black
WS02337	WS02338	L19-22		567003	5858279	3011923	Wetland	130					100%	Wet	Brown black
WS02335	WS02336	L19-23		567055	5858277	3011923	Wetland	130					100%	Wet	Brown black
WS02333	WS02334	L19-24		567102	5858278	3011923	Wetland	130					100%	Wet	Brown black
WS02331	WS02332	L19-25		567152	5858277	3011923	Wetland	110	15%			15%	70%	Saturated	Brown black
WS02329	WS02330	L19-26		567205	5858275	3011923	Wetland	130					100%	Moist	Black
WS02327	WS02328	L19-27		567254	5858273	3011923	Wetland	130					100%	Wet	Brown black
WS02325	WS02326	L19-28		567300	5858274	3011923	Wetland	130					100%	Moist	Brown black
WS02361	WS02362	L20-01		565898	5858102	3011926	Wetland	130					100%	Saturated	Brown black
WS02359	WS02360	L20-02		565949	5858100	3011926	Wetland	130					100%	Moist	Brown black
WS02357	WS02358	L20-03		565997	5858096	3011926	Wetland	130					100%	Moist	Brown black
WS02355	WS02356	L20-04		566049	5858099	3011926	Wetland	130					100%	Moist	Brown black
WS02353	WS02354	L20-05		566097	5858098	3011926	Wetland	130					100%	Moist	Brown black
WS02351	WS02352	L20-06		566147	5858097	3011926	Wetland	130					100%	Saturated	Brown black
WS02347	WS02348	L20-07		566199	5858097	3011926	Wetland	130					100%	Saturated	Brown black
WS02349	WS02350	L20-07	DUP	566199	5858097	3011926	Wetland	130					100%	Wet	Brown black
WS02345	WS02346	L20-08		566251	5858097	3011926	Wetland	130					100%	Saturated	Brown black
WS02343	WS02344	L20-09		566296	5858095	3011926	Wetland	130					100%	Wet	Brown black
WS02341	WS02342	L20-10		566349	5858094	3011926	Wetland	130					100%	Wet	Brown black
WS02293	WS02294	L21-01		566649	5858092	3011926	Wetland	130					100%	Wet	Brown black
WS02295	WS02296	L21-02		566701	5858089	3011926	Wetland	130					100%	Wet	Brown black

Sample MMI	Sample ICP-MS	Site #	Duplicate	UTM E	UTM N	Claim	Physiography	Depth (cm)	Clay %	Sand %	Gravel %	Silt %	Organic %	Moisture	Colour
WS02297	WS02298	L21-03		566752	5858087	3011926	Wetland	130					100%	Moist	Brown black
WS02299	WS02300	L21-04		566801	5858088	3011926	Wetland	130					100%	Moist	Brown black
WS02301	WS02302	L21-05		566851	5858088	3011926	Wetland	130					100%	Moist	Brown black
WS02303	WS02304	L21-06		566901	5858086	3011923	Wetland	130					100%	Wet	Brown black
WS02305	WS02306	L21-07		566953	5858085	3011923	Wetland	130					100%	Moist	Brown black
WS02307	WS02308	L21-08		567002	5858085	3011923	Wetland	130					100%	Moist	Brown black
WS02309	WS02310	L21-09		567048	5858083	3011923	Wetland	130					100%	Wet	Brown black
WS02311	WS02312	L21-10		567099	5858081	3011923	Wetland	130					100%	Wet	Brown black
WS02313	WS02314	L21-11		567153	5858080	3011923	Wetland	130					100%	Wet	Brown black
WS02315	WS02316	L21-12		567203	5858080	3011923	Wetland	130					100%	Wet	Brown black
WS02317	WS02318	L21-13		567251	5858080	3011923	Wetland	130					100%	Wet	Brown black
WS02319	WS02320	L21-14		567305	5858081	3011923	Wetland	130					100%	Wet	Brown black
WS02321	WS02322	L21-15		567351	5858080	3011923	Wetland	130					100%	Wet	Brown black
WS02323	WS02324	L21-16		567402	5858076	3011923	Wetland	130					100%	Wet	Brown black
WS02255	WS02256	L22-01		565845	5857908	3011926	Wetland	130					100%	Moist	Brown black
WS02257	WS02258	L22-02		565899	5857906	3011926	Wetland	130					100%	Moist	Brown black
WS02259	WS02260	L22-03		565950	5857905	3011926	Wetland	130					100%	Moist	Brown black
WS02261	WS02262	L22-04		566000	5857904	3011926	Wetland	130					100%	Moist	Brown black
WS02263	WS02264	L22-05		566048	5857900	3011926	Wetland	50-60				40%	60%	Moist	Black
WS02265	WS02266	L22-06		566102	5857902	3011926	Wetland	130					100%	Wet	Black
WS02267	WS02268	L22-07		566149	5857899	3011926	Wetland	130					100%	Wet	Black
WS02269	WS02270	L22-08		566208	5857897	3011926	Wetland	130					100%	Wet	Brown black
WS02271	WS02272	L22-09		566252	5857897	3011926	Wetland	130					100%	Wet	Brown black
WS02273	WS02274	L22-10		566302	5857897	3011926	Wetland	130					100%	Wet	Brown black
WS02275	WS02276	L22-11		566354	5857900	3011926	Wetland	130					100%	Wet	Brown orange
WS02277	WS02278	L22-12		566402	5857902	3011926	Wetland	130					100%	Wet	Brown black
WS02279	WS02280	L22-13		566457	5857902	3011926	Wetland	130					100%	Wet	Brown black
WS02281	WS02282	L22-14		566513	5857904	3011926	Wetland	130					100%	Saturated	Brown black
WS02283	WS02284	L22-15		566562	5857903	3011926	Wetland	130					100%	Saturated	Brown black
WS02285	WS02286	L22-16		566608	5857904	3011926	Wetland	130					100%	Moist	Brown black
WS02287	WS02288	L22-17		566663	5857906	3011926	Wetland	130					100%	Saturated	Black
WS02289	WS02290	L22-18		566702	5857905	3011926	Wetland	130					100%	Saturated	Black
WS02291	WS02292	L22-19		566760	5857905	3011926	Wetland	130				10%	90%	Moist	Black

APPENDIX II

Soil Sampling – MMI analysis
SGS Certificates of Analysis

Certificate of Analysis
Work Order : VC163208
[Report File No.: 0000019565]

Date: October 25, 2016

To: **SHARON ALLAN**
PROBE METALS INC
56 TEMPERANCE ST SUITE 1000
TORONTO ON M5H 3V5

P.O. No.: West Porcupine-GTA/334 Samples (1 of 4)
Project No.: -
Samples: 84
Received: Oct 11, 2016
Pages: Page 1 to 22
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
84	G_LOG02	Pre-preparation processing, sorting, logging, boxing
84	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Storage: Pulp & Reject
REJECT STORAGE : DISCARD

Certified By :
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : VC163208 Order: West Porcupine-GTA/334 Samples (1 of 4)

Report File No.: 0000019565

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS01917	<0.5	21	<10	<0.1	100	1.0	114	8
WS01919	<0.5	39	<10	0.1	140	0.6	218	10
WS01921	<0.5	22	<10	0.1	150	1.5	189	9
WS01923	<0.5	36	<10	<0.1	140	0.8	195	6
WS01925	<0.5	39	<10	0.1	110	0.7	118	7
WS01927	<0.5	38	<10	0.1	110	0.8	111	10
WS01929	<0.5	29	<10	<0.1	130	1.0	136	9
WS01931	<0.5	41	<10	<0.1	130	0.6	144	8
WS01933	<0.5	24	<10	0.1	110	<0.5	143	3
WS01935	<0.5	52	20	<0.1	140	<0.5	232	3
WS01937	<0.5	19	<10	<0.1	110	<0.5	72	5
WS01939	<0.5	16	<10	<0.1	90	0.6	66	6
WS01941	<0.5	20	<10	<0.1	160	<0.5	72	3
WS01943	<0.5	12	<10	<0.1	270	<0.5	137	1
WS01945	<0.5	18	<10	<0.1	230	<0.5	147	18
WS01947	<0.5	12	<10	<0.1	170	<0.5	81	1
WS01949	<0.5	17	<10	<0.1	150	<0.5	95	9
WS02001	<0.5	13	<10	<0.1	180	<0.5	214	6
WS02004	<0.5	7	<10	0.1	120	<0.5	99	5
WS02005	<0.5	6	<10	<0.1	160	<0.5	84	1
WS02007	<0.5	7	<10	<0.1	130	<0.5	138	2
WS02009	<0.5	15	<10	<0.1	120	<0.5	86	5
WS02011	<0.5	19	<10	0.1	80	<0.5	145	8
WS02013	<0.5	7	<10	<0.1	70	<0.5	226	3
WS02015	<0.5	10	<10	0.1	60	<0.5	258	1
WS02017	<0.5	6	<10	<0.1	50	<0.5	247	<1
WS02019	<0.5	17	<10	0.1	50	<0.5	78	5
WS02021	<0.5	21	<10	<0.1	60	<0.5	95	9
WS02023	<0.5	9	<10	0.1	60	<0.5	217	2
WS02025	<0.5	8	<10	<0.1	50	<0.5	184	<1
WS02027	<0.5	13	<10	<0.1	60	<0.5	131	4
WS02029	<0.5	14	10	0.1	60	<0.5	96	1
WS02031	<0.5	11	10	<0.1	140	<0.5	159	3
WS02033	<0.5	6	<10	0.1	70	<0.5	79	<1
WS02035	<0.5	4	<10	<0.1	100	<0.5	102	2
WS02037	<0.5	11	<10	<0.1	110	<0.5	125	5
WS02039	<0.5	6	<10	<0.1	190	<0.5	121	4
WS02041	<0.5	9	<10	0.1	120	<0.5	76	2
WS02043	<0.5	30	10	0.1	140	<0.5	68	3
WS02045	<0.5	33	<10	<0.1	90	<0.5	137	9

Final : VC163208 Order: West Porcupine-GTA/334 Samples (1 of 4)

Report File No.: 0000019565

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS02047	<0.5	49	<10	<0.1	110	<0.5	67	1
WS02049	<0.5	44	<10	<0.1	110	<0.5	67	1
WS02051	<0.5	34	<10	<0.1	130	<0.5	58	3
WS02053	<0.5	27	<10	0.1	100	<0.5	55	9
WS02055	<0.5	19	<10	<0.1	100	<0.5	86	3
WS02057	<0.5	17	<10	<0.1	70	<0.5	304	3
WS02059	<0.5	9	<10	0.2	270	<0.5	255	7
WS02061	<0.5	6	<10	0.1	220	<0.5	246	<1
WS02063	<0.5	9	10	<0.1	200	<0.5	118	1
WS02065	<0.5	5	<10	0.1	80	<0.5	79	<1
WS02067	<0.5	6	<10	<0.1	70	<0.5	162	1
WS02069	<0.5	13	<10	<0.1	50	<0.5	155	3
WS02071	<0.5	10	<10	<0.1	60	<0.5	282	3
WS02073	0.5	36	<10	<0.1	50	<0.5	173	4
WS02075	<0.5	13	<10	<0.1	40	<0.5	80	2
WS02077	<0.5	10	<10	<0.1	50	<0.5	75	3
WS02079	<0.5	9	<10	<0.1	40	<0.5	73	4
WS02081	<0.5	6	<10	<0.1	40	<0.5	99	2
WS02083	<0.5	6	<10	<0.1	60	<0.5	89	2
WS02085	<0.5	6	<10	<0.1	70	<0.5	191	1
WS02087	<0.5	8	<10	<0.1	70	<0.5	163	2
WS02089	<0.5	13	<10	0.1	50	<0.5	150	<1
WS02091	<0.5	21	<10	0.1	80	<0.5	145	<1
WS02093	<0.5	14	<10	<0.1	90	<0.5	84	<1
WS02095	<0.5	20	10	<0.1	110	<0.5	86	<1
WS02097	<0.5	27	<10	0.1	130	<0.5	108	1
WS02099	0.5	36	<10	<0.1	90	<0.5	172	3
WS02101	<0.5	15	<10	<0.1	60	<0.5	92	2
WS02103	<0.5	19	<10	<0.1	60	<0.5	76	5
WS02105	<0.5	22	<10	<0.1	90	<0.5	121	4
WS02107	<0.5	27	<10	<0.1	120	<0.5	89	7
WS02109	<0.5	27	<10	<0.1	140	<0.5	63	7
WS02111	<0.5	39	<10	<0.1	100	<0.5	65	4
WS02113	<0.5	30	<10	<0.1	90	<0.5	76	9
WS02115	<0.5	20	<10	<0.1	90	<0.5	66	3
WS02117	<0.5	23	<10	<0.1	80	<0.5	54	7
WS02119	<0.5	22	<10	<0.1	70	<0.5	111	5
WS02121	<0.5	23	<10	<0.1	70	<0.5	71	5
WS02123	<0.5	21	<10	<0.1	110	<0.5	73	5
WS02125	<0.5	28	<10	<0.1	110	<0.5	77	7

Final : VC163208 Order: West Porcupine-GTA/334 Samples (1 of 4)

Report File No.: 0000019565

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS02127	<0.5	40	<10	<0.1	130	<0.5	103	13
WS02129	<0.5	8	<10	<0.1	30	<0.5	89	2
WS02131	<0.5	8	10	0.1	20	<0.5	177	2
WS02133	<0.5	21	<10	0.1	40	<0.5	173	2
*Rep WS01929	<0.5	28	<10	0.1	130	0.8	138	10
*Rep WS02021	<0.5	19	<10	<0.1	60	<0.5	91	8
*Rep WS02045	<0.5	33	<10	0.1	100	<0.5	147	10
*Rep WS02069	<0.5	13	<10	0.1	50	<0.5	154	3
*Rep WS02099	<0.5	33	<10	<0.1	80	<0.5	155	3
*Rep WS02117	<0.5	22	<10	<0.1	80	<0.5	48	8
*Std MMISRM19	28.0	25	10	5.2	1340	<0.5	746	38
*Std AMIS0169	9.4	55	<10	0.7	590	<0.5	34	1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS01917	14	4	<100	0.5	10	1.8	1.1	0.4
WS01919	22	10	<100	<0.2	10	4.3	2.0	1.2
WS01921	20	7	<100	1.0	20	3.2	1.5	0.8
WS01923	26	9	<100	<0.2	10	3.4	1.8	0.8
WS01925	28	7	<100	0.2	10	2.7	1.8	0.7
WS01927	27	6	<100	0.2	10	3.1	1.3	0.8
WS01929	26	6	<100	0.4	20	2.9	1.8	0.8
WS01931	27	7	<100	0.2	10	3.4	1.7	0.6
WS01933	16	5	<100	0.3	10	2.1	0.8	0.4
WS01935	31	9	<100	<0.2	<10	5.1	2.8	1.3
WS01937	11	5	<100	<0.2	20	1.1	0.7	<0.2
WS01939	12	4	<100	0.2	10	1.4	0.9	0.3
WS01941	8	4	<100	<0.2	<10	1.0	0.5	0.3
WS01943	<2	1	<100	<0.2	20	<0.5	<0.2	<0.2
WS01945	<2	<1	<100	<0.2	30	<0.5	0.4	<0.2
WS01947	<2	<1	<100	<0.2	30	<0.5	<0.2	<0.2
WS01949	<2	1	<100	<0.2	10	<0.5	0.4	<0.2
WS02001	<2	1	<100	<0.2	20	<0.5	0.2	<0.2
WS02004	<2	2	<100	<0.2	20	<0.5	0.3	<0.2
WS02005	<2	3	<100	<0.2	20	<0.5	<0.2	<0.2
WS02007	<2	6	<100	<0.2	10	<0.5	<0.2	<0.2
WS02009	<2	10	<100	<0.2	<10	<0.5	0.3	<0.2
WS02011	<2	8	<100	<0.2	20	0.8	0.5	<0.2
WS02013	<2	10	<100	<0.2	20	<0.5	<0.2	<0.2
WS02015	<2	4	<100	<0.2	10	0.5	0.3	<0.2
WS02017	2	4	<100	<0.2	40	<0.5	<0.2	<0.2
WS02019	11	4	<100	<0.2	10	1.4	0.8	0.3
WS02021	14	5	<100	0.4	20	1.7	0.6	0.2
WS02023	3	2	<100	0.3	30	<0.5	<0.2	<0.2
WS02025	2	5	<100	<0.2	40	<0.5	<0.2	<0.2
WS02027	<2	7	<100	<0.2	40	<0.5	0.3	<0.2
WS02029	<2	6	<100	<0.2	30	<0.5	<0.2	<0.2
WS02031	<2	5	<100	<0.2	20	<0.5	<0.2	<0.2
WS02033	<2	4	<100	<0.2	20	<0.5	<0.2	<0.2
WS02035	<2	3	<100	<0.2	10	<0.5	<0.2	<0.2
WS02037	<2	2	<100	<0.2	10	<0.5	<0.2	<0.2
WS02039	<2	2	<100	<0.2	30	<0.5	<0.2	<0.2
WS02041	<2	2	<100	<0.2	20	<0.5	<0.2	<0.2
WS02043	<2	1	<100	<0.2	<10	<0.5	<0.2	<0.2
WS02045	22	9	<100	<0.2	<10	3.4	1.9	0.7

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02047	27	10	<100	0.3	<10	3.5	2.0	0.9
WS02049	29	10	<100	0.3	<10	3.3	1.8	0.8
WS02051	29	7	<100	0.6	20	3.8	1.8	1.0
WS02053	22	6	<100	<0.2	10	2.6	1.3	0.7
WS02055	17	6	<100	<0.2	20	2.3	1.1	0.4
WS02057	3	8	<100	<0.2	40	<0.5	0.4	<0.2
WS02059	<2	5	<100	<0.2	20	<0.5	0.3	<0.2
WS02061	2	2	<100	<0.2	40	<0.5	<0.2	<0.2
WS02063	<2	6	<100	<0.2	50	<0.5	<0.2	<0.2
WS02065	<2	4	<100	<0.2	40	<0.5	<0.2	<0.2
WS02067	<2	2	<100	<0.2	70	<0.5	<0.2	<0.2
WS02069	<2	6	<100	<0.2	10	<0.5	0.4	<0.2
WS02071	<2	4	<100	<0.2	20	<0.5	<0.2	<0.2
WS02073	6	4	<100	0.3	100	1.2	1.0	0.2
WS02075	8	4	<100	<0.2	<10	1.3	0.7	0.3
WS02077	8	3	<100	<0.2	<10	1.1	0.5	0.4
WS02079	8	3	<100	<0.2	10	1.0	0.7	0.3
WS02081	<2	4	<100	<0.2	50	<0.5	<0.2	<0.2
WS02083	<2	3	<100	<0.2	40	<0.5	<0.2	<0.2
WS02085	<2	3	<100	<0.2	40	<0.5	<0.2	<0.2
WS02087	4	3	<100	0.4	10	<0.5	0.2	<0.2
WS02089	5	4	<100	<0.2	30	0.6	0.4	<0.2
WS02091	6	9	<100	<0.2	70	<0.5	0.4	<0.2
WS02093	<2	7	<100	<0.2	50	<0.5	<0.2	<0.2
WS02095	<2	13	<100	<0.2	50	<0.5	<0.2	<0.2
WS02097	<2	10	<100	<0.2	60	<0.5	0.2	<0.2
WS02099	6	5	<100	<0.2	50	1.1	0.7	<0.2
WS02101	10	5	<100	<0.2	<10	1.5	0.8	0.3
WS02103	15	5	<100	<0.2	<10	1.7	0.9	0.4
WS02105	16	6	<100	<0.2	10	1.7	0.9	0.3
WS02107	17	7	<100	<0.2	30	2.3	1.0	0.4
WS02109	22	6	<100	0.3	20	2.1	1.0	0.6
WS02111	27	8	<100	<0.2	10	3.5	1.8	1.0
WS02113	20	8	<100	<0.2	<10	2.1	1.0	0.5
WS02115	12	5	<100	<0.2	10	1.1	0.4	0.2
WS02117	14	6	<100	0.4	20	1.3	1.1	<0.2
WS02119	15	5	<100	<0.2	<10	1.7	0.8	0.3
WS02121	15	5	<100	<0.2	<10	1.4	0.8	0.3
WS02123	14	5	<100	<0.2	20	1.6	0.7	<0.2
WS02125	19	7	<100	<0.2	20	2.2	1.3	0.6

Final : VC163208 Order: West Porcupine-GTA/334 Samples (1 of 4)

Report File No.: 0000019565

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02127	28	7	<100	<0.2	20	3.0	1.9	0.7
WS02129	<2	7	<100	<0.2	20	<0.5	0.3	<0.2
WS02131	2	12	<100	<0.2	30	<0.5	0.2	<0.2
WS02133	5	5	<100	0.6	40	1.3	0.9	0.3
*Rep WS01929	24	6	<100	0.5	20	3.2	1.3	0.7
*Rep WS02021	13	4	<100	0.5	10	1.9	0.8	0.3
*Rep WS02045	23	9	<100	<0.2	<10	3.7	2.1	0.6
*Rep WS02069	<2	6	<100	<0.2	10	<0.5	0.4	<0.2
*Rep WS02099	5	4	<100	<0.2	40	1.1	0.9	0.2
*Rep WS02117	14	5	<100	0.3	10	1.0	0.7	<0.2
*Std MMISRM19	20	469	<100	4.4	2200	13.6	7.8	2.5
*Std AMIS0169	715	91	<100	7.1	3980	25.4	11.3	10.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS01917	23	4.6	1.9	<1	<0.1	2.8	6	<1
WS01919	29	6.4	5.1	<1	<0.1	1.2	7	<1
WS01921	16	4.5	3.3	<1	0.2	2.4	7	<1
WS01923	14	5.4	3.9	1	<0.1	0.6	10	<1
WS01925	16	6.4	3.4	<1	<0.1	1.0	11	<1
WS01927	19	6.3	3.3	<1	<0.1	0.6	11	<1
WS01929	16	5.6	3.6	<1	<0.1	2.5	10	<1
WS01931	19	6.4	4.8	<1	<0.1	1.0	10	<1
WS01933	11	4.0	2.2	<1	<0.1	3.8	6	<1
WS01935	29	6.3	5.1	<1	<0.1	1.6	11	<1
WS01937	16	3.0	1.3	<1	<0.1	2.2	4	<1
WS01939	11	3.3	1.5	<1	<0.1	2.2	4	<1
WS01941	77	3.5	1.3	<1	<0.1	0.8	2	<1
WS01943	290	<0.5	<0.5	<1	<0.1	1.1	<1	<1
WS01945	267	1.7	<0.5	<1	<0.1	1.5	<1	<1
WS01947	355	1.1	<0.5	<1	<0.1	1.5	<1	<1
WS01949	308	1.6	<0.5	<1	<0.1	<0.5	<1	<1
WS02001	169	1.1	<0.5	<1	<0.1	1.3	<1	2
WS02004	320	<0.5	<0.5	<1	<0.1	<0.5	<1	2
WS02005	353	<0.5	<0.5	<1	<0.1	2.1	<1	<1
WS02007	285	0.5	<0.5	<1	<0.1	0.6	<1	1
WS02009	355	1.2	<0.5	<1	<0.1	0.7	<1	<1
WS02011	265	1.9	<0.5	<1	<0.1	<0.5	<1	<1
WS02013	111	0.9	<0.5	<1	<0.1	0.6	<1	<1
WS02015	54	0.9	<0.5	<1	<0.1	<0.5	<1	<1
WS02017	64	<0.5	<0.5	<1	<0.1	0.6	<1	<1
WS02019	13	2.9	1.5	<1	<0.1	1.3	4	<1
WS02021	15	3.8	1.8	<1	<0.1	3.9	6	<1
WS02023	103	0.8	<0.5	<1	<0.1	0.7	<1	<1
WS02025	168	0.8	<0.5	<1	<0.1	0.5	<1	<1
WS02027	274	0.9	<0.5	<1	<0.1	2.0	<1	2
WS02029	331	1.1	<0.5	<1	<0.1	5.9	<1	<1
WS02031	256	0.9	<0.5	<1	<0.1	3.4	<1	1
WS02033	355	<0.5	<0.5	<1	<0.1	0.5	<1	<1
WS02035	285	0.5	<0.5	<1	<0.1	<0.5	<1	1
WS02037	290	<0.5	<0.5	<1	<0.1	0.7	<1	2
WS02039	331	0.9	<0.5	<1	<0.1	0.7	<1	<1
WS02041	363	0.9	<0.5	<1	<0.1	0.7	<1	<1
WS02043	274	4.3	<0.5	<1	<0.1	<0.5	<1	<1
WS02045	28	4.4	4.0	<1	<0.1	<0.5	6	<1

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS02047	20	6.7	4.8	<1	<0.1	1.0	9	<1
WS02049	19	7.0	3.6	<1	<0.1	0.6	10	<1
WS02051	17	8.2	4.6	<1	<0.1	3.4	10	<1
WS02053	19	4.0	3.2	<1	<0.1	1.9	7	<1
WS02055	14	5.0	2.5	<1	<0.1	0.7	6	<1
WS02057	96	2.2	0.6	<1	<0.1	2.4	<1	1
WS02059	125	0.6	<0.5	<1	<0.1	5.6	<1	2
WS02061	140	0.6	<0.5	<1	<0.1	2.1	<1	3
WS02063	341	0.8	<0.5	<1	<0.1	1.9	<1	<1
WS02065	330	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
WS02067	240	0.7	<0.5	<1	<0.1	0.6	<1	<1
WS02069	203	1.0	<0.5	<1	<0.1	<0.5	<1	<1
WS02071	75	0.6	<0.5	<1	<0.1	1.3	<1	<1
WS02073	144	3.1	0.8	<1	<0.1	<0.5	2	<1
WS02075	16	3.0	1.5	<1	<0.1	1.7	3	<1
WS02077	8	2.2	1.4	<1	<0.1	0.7	3	<1
WS02079	8	2.0	1.4	<1	<0.1	0.6	3	<1
WS02081	313	1.1	<0.5	<1	<0.1	2.0	<1	<1
WS02083	294	0.8	<0.5	<1	<0.1	1.0	<1	<1
WS02085	90	0.8	<0.5	<1	<0.1	<0.5	<1	<1
WS02087	85	1.4	0.6	<1	<0.1	1.5	1	<1
WS02089	100	1.4	0.7	<1	<0.1	<0.5	1	<1
WS02091	209	1.8	<0.5	<1	<0.1	1.4	2	<1
WS02093	326	1.4	<0.5	<1	<0.1	1.9	<1	<1
WS02095	371	1.2	<0.5	<1	<0.1	<0.5	<1	<1
WS02097	338	2.3	<0.5	<1	<0.1	1.2	<1	<1
WS02099	168	4.0	1.4	<1	<0.1	0.7	1	<1
WS02101	19	2.8	1.3	<1	<0.1	1.5	4	<1
WS02103	17	2.9	1.8	<1	<0.1	2.5	5	<1
WS02105	16	3.6	1.7	<1	<0.1	0.6	6	<1
WS02107	18	5.1	2.6	<1	<0.1	1.5	6	<1
WS02109	16	5.1	2.9	<1	<0.1	2.2	8	<1
WS02111	16	6.4	3.9	<1	<0.1	<0.5	8	<1
WS02113	17	5.0	3.0	<1	<0.1	0.8	7	<1
WS02115	16	3.5	1.7	<1	<0.1	1.0	4	<1
WS02117	24	3.6	1.6	<1	<0.1	5.3	6	<1
WS02119	13	3.9	2.0	<1	<0.1	2.3	5	<1
WS02121	16	3.2	1.5	<1	<0.1	<0.5	6	<1
WS02123	16	4.6	1.7	<1	<0.1	2.3	5	<1
WS02125	16	4.5	2.6	<1	<0.1	0.6	7	<1

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS02127	19	5.8	3.6	<1	<0.1	2.0	10	<1
WS02129	293	0.9	<0.5	<1	<0.1	0.6	<1	<1
WS02131	122	0.9	<0.5	<1	<0.1	1.7	<1	<1
WS02133	14	1.9	1.4	<1	<0.1	<0.5	1	<1
*Rep WS01929	15	5.5	3.2	<1	<0.1	2.5	9	<1
*Rep WS02021	14	3.1	1.7	<1	<0.1	4.0	5	<1
*Rep WS02045	28	4.2	3.9	<1	<0.1	<0.5	6	<1
*Rep WS02069	209	1.5	<0.5	<1	<0.1	0.6	<1	<1
*Rep WS02099	167	4.3	0.8	<1	<0.1	0.6	1	<1
*Rep WS02117	24	3.7	1.5	<1	<0.1	4.0	5	<1
*Std MMISRM19	7	<0.5	13.6	2	<0.1	91.7	3	<1
*Std AMIS0169	34	7.5	40.7	1	<0.1	43.8	395	<1
*Blk BLANK	1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS01917	5.5	<100	<2	2.9	9	17	0.9	73
WS01919	11.2	400	<2	1.0	15	17	1.5	76
WS01921	11.5	200	<2	0.7	14	23	1.7	413
WS01923	8.7	300	<2	<0.5	17	29	2.2	81
WS01925	6.3	<100	<2	1.4	16	24	1.6	50
WS01927	4.9	300	<2	1.3	15	22	1.7	57
WS01929	5.0	200	<2	0.9	16	22	2.3	141
WS01931	3.3	<100	<2	0.7	18	26	1.8	48
WS01933	4.5	100	<2	<0.5	11	19	1.8	67
WS01935	21.3	200	<2	<0.5	21	26	1.5	62
WS01937	8.7	500	<2	0.6	7	17	0.8	52
WS01939	5.5	400	<2	0.6	8	10	1.6	78
WS01941	3.8	<100	<2	1.0	3	12	1.6	27
WS01943	9.7	<100	<2	<0.5	<1	9	0.4	<5
WS01945	12.4	1000	17	<0.5	<1	11	0.4	23
WS01947	9.4	100	<2	<0.5	<1	8	0.5	<5
WS01949	10.6	1100	<2	<0.5	<1	8	0.6	12
WS02001	31.3	800	3	<0.5	<1	14	0.6	13
WS02004	16.4	600	<2	<0.5	<1	9	0.4	<5
WS02005	12.6	200	<2	<0.5	<1	10	0.5	<5
WS02007	12.1	2400	<2	<0.5	<1	10	0.4	9
WS02009	10.1	1200	<2	<0.5	<1	9	0.6	24
WS02011	14.0	2200	<2	1.9	<1	13	0.6	26
WS02013	21.2	4500	<2	<0.5	<1	16	0.5	38
WS02015	18.6	1900	2	<0.5	<1	17	0.4	18
WS02017	19.9	1800	<2	<0.5	<1	14	0.4	8
WS02019	4.1	<100	<2	<0.5	6	16	1.3	53
WS02021	5.2	200	<2	<0.5	10	18	1.8	107
WS02023	7.3	600	<2	<0.5	1	16	0.5	20
WS02025	10.2	1500	<2	<0.5	<1	16	0.6	8
WS02027	12.3	1200	<2	<0.5	<1	12	0.4	9
WS02029	12.7	1000	<2	<0.5	<1	12	0.5	9
WS02031	20.7	3800	<2	<0.5	<1	14	0.6	10
WS02033	10.4	1900	<2	<0.5	<1	9	0.4	<5
WS02035	13.9	3200	<2	0.5	<1	8	0.3	<5
WS02037	13.8	1700	2	<0.5	<1	12	0.5	11
WS02039	13.9	500	<2	<0.5	<1	12	0.4	9
WS02041	6.8	300	<2	<0.5	<1	8	0.5	12
WS02043	2.3	<100	<2	<0.5	<1	5	0.8	<5
WS02045	5.3	100	<2	<0.5	15	21	1.8	38

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS02047	4.6	<100	<2	<0.5	18	22	1.3	38
WS02049	4.8	<100	<2	<0.5	18	17	1.5	47
WS02051	7.4	<100	<2	<0.5	19	19	2.0	52
WS02053	4.7	400	<2	0.6	13	14	1.4	138
WS02055	9.1	400	<2	<0.5	11	19	1.4	31
WS02057	23.2	900	4	<0.5	1	16	0.2	17
WS02059	30.6	1000	<2	<0.5	<1	15	0.3	74
WS02061	24.4	1100	6	<0.5	<1	16	0.3	7
WS02063	17.6	200	2	<0.5	<1	14	0.6	5
WS02065	9.8	1000	5	<0.5	<1	9	0.3	<5
WS02067	18.5	1200	<2	<0.5	<1	13	0.2	6
WS02069	11.3	3500	<2	<0.5	<1	13	0.4	14
WS02071	13.3	1900	4	<0.5	<1	18	0.4	8
WS02073	12.6	2800	3	<0.5	4	18	0.4	39
WS02075	2.0	<100	<2	<0.5	6	11	1.3	58
WS02077	3.0	200	<2	<0.5	5	11	1.3	52
WS02079	3.4	200	<2	<0.5	5	12	0.8	56
WS02081	8.2	400	<2	<0.5	<1	8	0.4	11
WS02083	9.5	400	<2	<0.5	<1	9	0.4	12
WS02085	12.8	1800	<2	<0.5	<1	15	0.5	12
WS02087	14.3	900	<2	<0.5	2	13	0.5	79
WS02089	9.1	2600	3	<0.5	2	12	0.4	22
WS02091	14.7	2600	<2	<0.5	2	22	0.3	14
WS02093	12.3	400	<2	<0.5	<1	14	0.4	5
WS02095	10.7	300	<2	<0.5	<1	17	0.4	<5
WS02097	17.9	900	<2	<0.5	<1	22	0.3	12
WS02099	12.7	2200	4	<0.5	3	22	0.4	47
WS02101	4.8	<100	<2	<0.5	6	16	1.4	34
WS02103	3.9	200	<2	<0.5	9	14	1.3	83
WS02105	4.9	300	<2	<0.5	9	20	0.9	25
WS02107	10.8	700	<2	<0.5	11	27	1.2	69
WS02109	8.9	200	<2	<0.5	12	16	1.7	56
WS02111	6.3	<100	<2	<0.5	19	19	1.6	44
WS02113	10.8	<100	<2	<0.5	12	17	1.3	38
WS02115	9.4	200	<2	<0.5	7	14	0.6	25
WS02117	6.6	<100	<2	<0.5	8	16	1.2	172
WS02119	8.8	<100	<2	<0.5	9	19	0.6	22
WS02121	4.9	<100	<2	<0.5	8	17	1.3	36
WS02123	9.4	300	<2	<0.5	8	16	0.8	107
WS02125	9.1	300	<2	<0.5	11	16	0.7	31

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS02127	9.3	300	<2	<0.5	17	19	1.5	76
WS02129	11.5	2100	<2	<0.5	<1	11	0.5	15
WS02131	21.3	1800	<2	<0.5	<1	19	0.5	23
WS02133	23.7	1000	6	<0.5	4	17	0.7	22
*Rep WS01929	4.8	200	<2	0.7	16	20	2.2	138
*Rep WS02021	4.5	100	<2	<0.5	9	16	1.7	125
*Rep WS02045	5.6	100	<2	<0.5	15	23	1.7	40
*Rep WS02069	11.6	3700	<2	<0.5	<1	15	0.4	14
*Rep WS02099	12.0	1800	3	<0.5	2	19	0.5	54
*Rep WS02117	6.1	<100	<2	<0.5	8	13	1.3	127
*Std MMISRM19	201	7900	10	<0.5	16	2340	0.3	1250
*Std AMIS0169	26.0	3700	3	2.5	343	425	2.4	99
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	0.7	<1	<5	<0.1	<5

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS01917	<1	1.8	<0.1	9	0.5	<5	1	1
WS01919	<1	3.6	<0.1	3	<0.5	<5	4	<1
WS01921	<1	3.0	<0.1	10	<0.5	<5	3	<1
WS01923	<1	3.9	<0.1	3	<0.5	<5	4	<1
WS01925	<1	3.6	<0.1	5	0.6	5	2	<1
WS01927	<1	3.6	<0.1	4	<0.5	<5	3	<1
WS01929	<1	3.5	<0.1	9	<0.5	<5	3	<1
WS01931	<1	3.9	<0.1	4	<0.5	<5	3	<1
WS01933	<1	2.2	<0.1	11	<0.5	<5	2	<1
WS01935	<1	4.7	<0.1	3	<0.5	<5	5	<1
WS01937	<1	1.4	<0.1	5	<0.5	<5	<1	<1
WS01939	<1	1.8	<0.1	7	<0.5	<5	<1	<1
WS01941	<1	1.1	<0.1	3	<0.5	<5	<1	<1
WS01943	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS01945	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS01947	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS01949	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02001	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02004	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
WS02005	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02007	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02009	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02011	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02013	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02015	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
WS02017	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02019	<1	1.3	<0.1	3	<0.5	<5	<1	<1
WS02021	<1	1.9	<0.1	14	<0.5	<5	1	<1
WS02023	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02025	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02027	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02029	<1	<0.5	<0.1	14	<0.5	<5	<1	<1
WS02031	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02033	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02035	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
WS02037	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02039	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02041	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02043	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02045	<1	3.0	<0.1	3	<0.5	<5	3	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02047	<1	3.8	<0.1	6	<0.5	<5	3	<1
WS02049	<1	4.1	<0.1	6	<0.5	<5	4	<1
WS02051	<1	4.3	<0.1	13	<0.5	6	3	<1
WS02053	<1	3.4	<0.1	5	<0.5	<5	2	<1
WS02055	<1	2.1	<0.1	3	<0.5	<5	2	<1
WS02057	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02059	<1	<0.5	<0.1	5	<0.5	<5	<1	<1
WS02061	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02063	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02065	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
WS02067	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02069	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
WS02071	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02073	<1	0.8	<0.1	2	<0.5	<5	<1	<1
WS02075	<1	1.3	<0.1	5	<0.5	<5	<1	<1
WS02077	<1	1.2	<0.1	3	<0.5	<5	<1	<1
WS02079	<1	1.3	<0.1	3	<0.5	<5	<1	<1
WS02081	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02083	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
WS02085	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02087	<1	<0.5	<0.1	5	<0.5	<5	<1	<1
WS02089	<1	0.6	<0.1	2	<0.5	<5	<1	<1
WS02091	<1	0.7	<0.1	5	<0.5	<5	<1	<1
WS02093	<1	<0.5	<0.1	5	<0.5	<5	<1	<1
WS02095	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02097	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
WS02099	<1	0.7	<0.1	2	<0.5	<5	<1	<1
WS02101	<1	1.5	<0.1	4	<0.5	<5	1	<1
WS02103	<1	2.3	<0.1	7	<0.5	<5	1	<1
WS02105	<1	2.0	<0.1	2	<0.5	<5	1	<1
WS02107	<1	2.3	<0.1	4	<0.5	<5	2	<1
WS02109	<1	2.8	<0.1	10	<0.5	<5	2	<1
WS02111	<1	3.9	<0.1	2	<0.5	<5	3	<1
WS02113	<1	2.7	<0.1	5	<0.5	<5	2	<1
WS02115	<1	1.3	<0.1	4	<0.5	<5	<1	<1
WS02117	<1	1.8	<0.1	16	<0.5	<5	<1	<1
WS02119	<1	1.8	<0.1	6	<0.5	<5	1	<1
WS02121	<1	2.0	<0.1	2	<0.5	<5	1	<1
WS02123	<1	1.8	<0.1	9	<0.5	<5	1	<1
WS02125	<1	2.7	<0.1	4	<0.5	<5	2	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02127	<1	3.8	<0.1	3	<0.5	<5	3	<1
WS02129	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02131	<1	<0.5	<0.1	5	<0.5	<5	<1	<1
WS02133	<1	0.8	<0.1	2	<0.5	<5	<1	<1
*Rep WS01929	<1	3.2	<0.1	10	<0.5	<5	3	<1
*Rep WS02021	<1	1.7	<0.1	14	<0.5	<5	2	<1
*Rep WS02045	<1	3.1	<0.1	3	<0.5	<5	3	<1
*Rep WS02069	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
*Rep WS02099	<1	0.6	<0.1	3	<0.5	<5	<1	<1
*Rep WS02117	<1	1.6	<0.1	12	<0.5	<5	<1	<1
*Std MMISRM19	<1	2.4	<0.1	197	1.3	11	7	<1
*Std AMIS0169	<1	95.3	<0.1	251	0.8	51	57	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS01917	140	1	0.3	160	2.6	20	<0.1	0.6
WS01919	300	<1	0.8	110	3.1	30	<0.1	1.1
WS01921	240	<1	0.5	<10	2.4	30	0.2	<0.5
WS01923	270	<1	0.5	20	3.5	70	<0.1	0.8
WS01925	150	<1	0.5	20	4.6	70	<0.1	1.0
WS01927	130	<1	0.4	30	5.6	70	<0.1	1.0
WS01929	140	<1	0.5	10	3.9	60	<0.1	0.8
WS01931	170	<1	0.6	<10	4.3	70	<0.1	1.2
WS01933	140	<1	0.3	10	2.0	60	<0.1	<0.5
WS01935	520	<1	0.7	<10	4.3	60	<0.1	1.5
WS01937	100	<1	0.2	<10	1.7	20	<0.1	<0.5
WS01939	100	<1	0.2	10	2.8	50	<0.1	<0.5
WS01941	140	<1	0.3	50	1.2	30	0.1	<0.5
WS01943	340	<1	<0.1	40	<0.5	<10	0.2	<0.5
WS01945	360	<1	<0.1	30	0.6	10	0.1	<0.5
WS01947	370	<1	<0.1	20	<0.5	20	0.1	<0.5
WS01949	380	<1	<0.1	20	<0.5	20	<0.1	<0.5
WS02001	840	<1	<0.1	<10	<0.5	10	<0.1	<0.5
WS02004	420	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02005	390	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02007	410	<1	<0.1	<10	<0.5	<10	0.1	<0.5
WS02009	290	<1	<0.1	<10	<0.5	30	0.1	<0.5
WS02011	400	<1	<0.1	<10	<0.5	30	<0.1	0.6
WS02013	480	<1	<0.1	<10	<0.5	20	<0.1	<0.5
WS02015	360	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02017	360	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02019	60	<1	0.2	<10	2.6	40	<0.1	0.5
WS02021	90	<1	0.2	<10	2.3	40	<0.1	<0.5
WS02023	180	<1	<0.1	<10	<0.5	10	<0.1	<0.5
WS02025	180	<1	<0.1	<10	<0.5	10	<0.1	<0.5
WS02027	220	<1	<0.1	<10	<0.5	20	<0.1	<0.5
WS02029	210	<1	<0.1	<10	<0.5	20	<0.1	<0.5
WS02031	440	<1	<0.1	<10	<0.5	20	0.1	<0.5
WS02033	270	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02035	340	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02037	490	<1	<0.1	<10	<0.5	10	<0.1	<0.5
WS02039	510	<1	<0.1	<10	<0.5	20	<0.1	<0.5
WS02041	300	<1	<0.1	<10	<0.5	10	<0.1	<0.5
WS02043	200	<1	<0.1	<10	<0.5	20	<0.1	1.1
WS02045	110	<1	0.5	<10	2.6	40	<0.1	0.8

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02047	60	<1	0.6	<10	4.1	40	<0.1	1.1
WS02049	60	<1	0.5	<10	4.3	60	<0.1	1.0
WS02051	60	<1	0.6	<10	6.0	80	<0.1	0.9
WS02053	50	<1	0.4	20	3.7	40	0.1	<0.5
WS02055	100	<1	0.3	<10	3.4	30	<0.1	<0.5
WS02057	510	<1	<0.1	<10	<0.5	<10	<0.1	0.8
WS02059	700	<1	<0.1	<10	<0.5	10	0.1	<0.5
WS02061	540	<1	<0.1	<10	<0.5	<10	0.2	<0.5
WS02063	400	<1	<0.1	10	<0.5	20	<0.1	<0.5
WS02065	200	<1	<0.1	<10	<0.5	30	<0.1	<0.5
WS02067	330	<1	<0.1	10	<0.5	10	<0.1	<0.5
WS02069	190	<1	<0.1	<10	<0.5	10	<0.1	<0.5
WS02071	270	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02073	170	<1	0.1	<10	0.6	30	<0.1	3.5
WS02075	60	<1	0.2	<10	1.0	30	<0.1	<0.5
WS02077	50	<1	0.2	<10	1.3	30	<0.1	<0.5
WS02079	60	<1	0.2	10	1.1	20	<0.1	<0.5
WS02081	160	<1	<0.1	<10	<0.5	10	<0.1	<0.5
WS02083	170	<1	<0.1	<10	<0.5	20	<0.1	<0.5
WS02085	210	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02087	170	4	<0.1	<10	1.9	<10	<0.1	<0.5
WS02089	120	<1	<0.1	<10	1.1	20	<0.1	0.6
WS02091	180	<1	<0.1	<10	0.9	40	<0.1	1.4
WS02093	160	<1	<0.1	<10	<0.5	20	<0.1	<0.5
WS02095	180	<1	<0.1	<10	<0.5	30	0.1	<0.5
WS02097	230	<1	<0.1	<10	<0.5	40	<0.1	1.0
WS02099	170	<1	0.2	<10	0.6	30	<0.1	2.7
WS02101	110	<1	0.2	<10	1.4	30	<0.1	<0.5
WS02103	60	<1	0.3	<10	2.7	40	<0.1	<0.5
WS02105	90	<1	0.2	<10	1.6	30	<0.1	<0.5
WS02107	80	<1	0.3	<10	3.4	50	<0.1	0.7
WS02109	70	<1	0.4	<10	3.4	60	<0.1	0.6
WS02111	70	<1	0.6	<10	5.2	70	<0.1	0.5
WS02113	80	<1	0.3	<10	2.7	50	<0.1	<0.5
WS02115	60	<1	<0.1	<10	1.9	30	<0.1	<0.5
WS02117	60	<1	0.2	20	2.4	30	<0.1	<0.5
WS02119	80	<1	0.2	<10	1.8	20	<0.1	<0.5
WS02121	50	1	0.2	10	2.5	60	<0.1	0.6
WS02123	80	<1	0.2	<10	1.9	30	<0.1	<0.5
WS02125	80	<1	0.3	<10	1.9	30	<0.1	<0.5

Final : VC163208 Order: West Porcupine-GTA/334 Samples (1 of 4)

Report File No.: 0000019565

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02127	90	<1	0.4	<10	4.7	60	<0.1	0.5
WS02129	70	<1	<0.1	<10	<0.5	20	<0.1	<0.5
WS02131	140	<1	<0.1	<10	<0.5	10	<0.1	<0.5
WS02133	120	<1	0.2	<10	<0.5	20	<0.1	<0.5
*Rep WS01929	140	<1	0.5	<10	3.5	60	<0.1	0.7
*Rep WS02021	80	<1	0.3	<10	2.1	40	<0.1	<0.5
*Rep WS02045	130	<1	0.4	<10	2.3	40	<0.1	0.8
*Rep WS02069	210	<1	<0.1	<10	<0.5	10	<0.1	<0.5
*Rep WS02099	160	<1	0.1	<10	0.6	30	<0.1	2.8
*Rep WS02117	50	<1	<0.1	<10	2.0	40	<0.1	<0.5
*Std MMISRM19	4060	<1	2.2	40	17.4	<10	1.1	63.0
*Std AMIS0169	50	<1	5.2	<10	65.3	340	0.9	23.5
*Blk BLANK	10	<1	<0.1	<10	0.6	<10	<0.1	<0.5
*Blk BLANK	10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Blk BLANK	10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5

Final : VC163208 Order: West Porcupine-GTA/334 Samples (1 of 4)

Report File No.: 0000019565

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS01917	2.1	8	0.5	560	14
WS01919	2.7	20	1.7	220	7
WS01921	1.9	14	1.0	280	6
WS01923	1.7	15	0.9	120	8
WS01925	1.5	14	0.8	310	16
WS01927	1.7	13	1.0	240	14
WS01929	1.5	14	0.9	370	8
WS01931	1.1	17	1.0	200	12
WS01933	<0.5	11	0.9	140	10
WS01935	1.3	22	1.9	60	8
WS01937	0.7	6	0.2	450	5
WS01939	0.6	6	0.2	340	11
WS01941	0.9	5	0.5	30	5
WS01943	1.0	<1	<0.2	370	<2
WS01945	0.7	2	<0.2	410	<2
WS01947	0.6	<1	<0.2	440	<2
WS01949	<0.5	2	<0.2	1200	<2
WS02001	<0.5	2	<0.2	820	<2
WS02004	<0.5	<1	<0.2	210	<2
WS02005	<0.5	<1	<0.2	380	<2
WS02007	<0.5	1	<0.2	190	<2
WS02009	<0.5	1	<0.2	720	<2
WS02011	<0.5	3	0.3	110	6
WS02013	<0.5	1	<0.2	140	3
WS02015	<0.5	2	<0.2	20	<2
WS02017	<0.5	<1	<0.2	40	<2
WS02019	<0.5	6	0.4	200	9
WS02021	<0.5	8	0.2	260	8
WS02023	<0.5	2	<0.2	20	3
WS02025	<0.5	<1	<0.2	40	<2
WS02027	<0.5	<1	<0.2	630	<2
WS02029	<0.5	<1	<0.2	730	<2
WS02031	<0.5	<1	<0.2	660	<2
WS02033	<0.5	<1	<0.2	40	<2
WS02035	<0.5	<1	<0.2	40	<2
WS02037	<0.5	1	<0.2	10	<2
WS02039	<0.5	<1	<0.2	190	<2
WS02041	<0.5	<1	<0.2	250	<2
WS02043	<0.5	<1	<0.2	<10	3
WS02045	<0.5	17	1.6	90	6

Final : VC163208 Order: West Porcupine-GTA/334 Samples (1 of 4)

Report File No.: 0000019565

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS02047	<0.5	19	1.3	20	10
WS02049	<0.5	16	1.3	30	10
WS02051	<0.5	18	1.2	120	19
WS02053	<0.5	13	1.0	300	12
WS02055	<0.5	11	0.8	200	8
WS02057	<0.5	3	<0.2	70	<2
WS02059	<0.5	1	<0.2	740	<2
WS02061	<0.5	1	<0.2	130	<2
WS02063	<0.5	<1	<0.2	60	<2
WS02065	<0.5	<1	<0.2	20	<2
WS02067	<0.5	<1	<0.2	130	<2
WS02069	<0.5	2	<0.2	120	<2
WS02071	<0.5	2	<0.2	150	<2
WS02073	<0.5	6	0.8	310	3
WS02075	<0.5	5	0.3	100	6
WS02077	<0.5	5	0.3	170	9
WS02079	<0.5	5	<0.2	260	8
WS02081	<0.5	<1	<0.2	40	3
WS02083	<0.5	<1	<0.2	110	2
WS02085	<0.5	<1	<0.2	30	<2
WS02087	<0.5	2	<0.2	40	3
WS02089	<0.5	3	<0.2	20	3
WS02091	<0.5	3	0.2	320	3
WS02093	<0.5	<1	<0.2	170	<2
WS02095	<0.5	<1	<0.2	120	<2
WS02097	<0.5	1	<0.2	280	2
WS02099	<0.5	7	0.7	40	4
WS02101	<0.5	5	0.4	40	6
WS02103	<0.5	7	0.5	330	14
WS02105	<0.5	9	0.4	210	6
WS02107	<0.5	11	0.6	580	12
WS02109	<0.5	11	0.7	440	11
WS02111	<0.5	17	1.1	170	10
WS02113	<0.5	11	0.6	120	8
WS02115	<0.5	7	0.4	250	5
WS02117	<0.5	7	0.3	350	9
WS02119	<0.5	7	0.3	130	5
WS02121	<0.5	7	0.5	220	9
WS02123	<0.5	7	0.4	480	7
WS02125	<0.5	11	0.6	300	4

Final : VC163208 Order: West Porcupine-GTA/334 Samples (1 of 4)

Report File No.: 0000019565

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS02127	<0.5	15	1.1	520	11
WS02129	<0.5	1	<0.2	450	<2
WS02131	<0.5	1	<0.2	60	<2
WS02133	<0.5	6	0.5	270	<2
*Rep WS01929	1.1	13	0.8	370	8
*Rep WS02021	<0.5	8	0.5	230	9
*Rep WS02045	<0.5	18	1.6	90	6
*Rep WS02069	<0.5	2	0.2	140	<2
*Rep WS02099	<0.5	6	0.7	40	3
*Rep WS02117	<0.5	7	0.2	380	7
*Std MMISRM19	2.4	67	5.9	2560	12
*Std AMIS0169	1.0	116	8.7	210	46
*Blk BLANK	0.7	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2

Certificate of Analysis
Work Order : VC163209
[Report File No.: 0000019566]

Date: October 25, 2016

To: **SHARON ALLAN**
PROBE METALS INC
56 TEMPERANCE ST SUITE 1000
TORONTO ON M5H 3V5

P.O. No.: West Porcupine-GTA/334 Samples (2 of 4)
Project No.: -
Samples: 84
Received: Oct 11, 2016
Pages: Page 1 to 22
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
84	G_LOG02	Pre-preparation processing, sorting, logging, boxing
84	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Storage: Pulp & Reject
REJECT STORAGE : DISCARD

Certified By :
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

Report File No.: 0000019566

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS02135	<0.5	28	10	<0.1	40	<0.5	172	4
WS02137	<0.5	33	20	<0.1	90	<0.5	273	4
WS02139	<0.5	42	<10	<0.1	90	<0.5	156	10
WS02141	<0.5	24	<10	<0.1	100	<0.5	111	4
WS02143	<0.5	20	<10	<0.1	80	<0.5	69	5
WS02145	<0.5	25	<10	<0.1	100	<0.5	145	9
WS02147	<0.5	28	<10	<0.1	120	0.5	102	7
WS02149	<0.5	30	<10	<0.1	130	<0.5	118	5
WS02151	<0.5	33	<10	<0.1	80	<0.5	124	7
WS02153	<0.5	35	10	<0.1	120	<0.5	132	6
WS02155	<0.5	29	<10	<0.1	70	<0.5	87	6
WS02157	<0.5	21	20	<0.1	80	<0.5	149	2
WS02159	<0.5	19	20	<0.1	80	3.0	81	11
WS02161	<0.5	39	<10	<0.1	110	1.1	67	10
WS02163	<0.5	29	<10	<0.1	90	1.1	52	7
WS02165	<0.5	24	10	<0.1	80	<0.5	70	6
WS02167	<0.5	34	<10	<0.1	100	<0.5	66	7
WS02169	<0.5	16	<10	<0.1	70	<0.5	82	6
WS02171	<0.5	23	10	<0.1	80	0.9	116	6
WS02173	<0.5	24	<10	<0.1	90	1.0	99	5
WS02175	<0.5	13	<10	<0.1	60	<0.5	80	6
WS02177	<0.5	23	<10	<0.1	80	<0.5	181	9
WS02179	<0.5	38	20	<0.1	110	<0.5	258	6
WS02181	<0.5	18	<10	<0.1	50	<0.5	159	4
WS02183	<0.5	55	<10	<0.1	40	<0.5	133	15
WS02185	<0.5	23	<10	<0.1	40	<0.5	282	5
WS02187	<0.5	22	<10	<0.1	100	<0.5	123	4
WS02189	<0.5	25	10	<0.1	140	<0.5	108	14
WS02191	<0.5	35	<10	<0.1	130	<0.5	114	6
WS02193	<0.5	20	10	<0.1	100	<0.5	88	3
WS02195	<0.5	24	<10	<0.1	80	<0.5	54	5
WS02197	<0.5	13	<10	<0.1	60	<0.5	146	6
WS02199	<0.5	17	<10	<0.1	70	<0.5	149	2
WS02201	<0.5	19	<10	<0.1	70	<0.5	323	3
WS02203	<0.5	7	<10	<0.1	80	<0.5	122	4
WS02205	<0.5	29	<10	<0.1	100	<0.5	95	3
WS02207	<0.5	18	<10	<0.1	50	<0.5	47	4
WS02209	<0.5	23	<10	<0.1	80	<0.5	114	7
WS02211	<0.5	25	<10	<0.1	90	<0.5	114	4
WS02213	<0.5	21	10	<0.1	90	<0.5	90	4

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

Report File No.: 0000019566

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS02215	<0.5	25	<10	<0.1	80	<0.5	78	6
WS02217	<0.5	24	<10	<0.1	80	<0.5	58	7
WS02219	<0.5	18	<10	<0.1	70	<0.5	62	6
WS02221	<0.5	29	<10	<0.1	110	<0.5	88	3
WS02223	<0.5	39	<10	<0.1	80	<0.5	36	<1
WS02225	<0.5	36	<10	<0.1	120	<0.5	80	10
WS02227	<0.5	4	10	<0.1	60	<0.5	173	2
WS02229	<0.5	6	<10	<0.1	100	<0.5	174	1
WS02231	<0.5	7	<10	<0.1	60	<0.5	167	2
WS02233	<0.5	9	10	<0.1	60	<0.5	112	3
WS02235	<0.5	8	<10	<0.1	40	<0.5	38	<1
WS02237	<0.5	33	10	<0.1	100	<0.5	57	6
WS02239	<0.5	20	<10	<0.1	80	<0.5	97	5
WS02241	<0.5	26	<10	<0.1	90	<0.5	74	5
WS02243	<0.5	21	<10	<0.1	90	<0.5	80	5
WS02245	<0.5	19	<10	<0.1	100	<0.5	62	13
WS02247	<0.5	25	<10	<0.1	110	0.6	65	10
WS02249	<0.5	30	<10	<0.1	110	<0.5	77	9
WS02251	<0.5	27	10	<0.1	70	<0.5	207	4
WS02253	<0.5	28	<10	<0.1	140	<0.5	286	4
WS02255	<0.5	21	<10	<0.1	90	<0.5	55	4
WS02257	<0.5	19	10	<0.1	100	0.7	46	14
WS02259	<0.5	29	<10	<0.1	110	<0.5	68	5
WS02261	<0.5	28	10	<0.1	120	<0.5	92	5
WS02263	<0.5	100	<10	<0.1	550	0.9	26	<1
WS02265	<0.5	40	<10	<0.1	40	<0.5	335	4
WS02267	<0.5	10	<10	<0.1	70	<0.5	264	6
WS02269	<0.5	27	<10	<0.1	130	<0.5	110	6
WS02271	<0.5	33	<10	<0.1	70	<0.5	200	9
WS02273	<0.5	17	<10	<0.1	50	<0.5	34	9
WS02275	<0.5	32	<10	<0.1	100	<0.5	46	9
WS02277	<0.5	26	<10	<0.1	40	<0.5	334	3
WS02279	<0.5	31	<10	<0.1	120	<0.5	61	12
WS02281	<0.5	37	<10	<0.1	110	<0.5	262	6
WS02283	<0.5	36	<10	<0.1	120	<0.5	225	10
WS02285	<0.5	51	<10	<0.1	240	<0.5	54	12
WS02287	<0.5	38	<10	<0.1	70	<0.5	224	9
WS02289	<0.5	29	<10	<0.1	50	<0.5	201	6
WS02291	<0.5	10	<10	<0.1	70	<0.5	364	13
WS02293	<0.5	32	<10	<0.1	100	<0.5	96	8

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

Report File No.: 0000019566

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS02295	<0.5	29	<10	<0.1	90	<0.5	56	6
WS02297	<0.5	31	<10	<0.1	100	<0.5	69	8
WS02299	<0.5	51	<10	<0.1	200	0.5	64	13
WS02301	<0.5	36	<10	<0.1	120	0.6	62	2
*Rep WS02143	<0.5	22	<10	<0.1	90	0.6	73	6
*Rep WS02171	<0.5	26	<10	<0.1	90	<0.5	125	7
*Rep WS02201	<0.5	18	10	<0.1	70	<0.5	329	2
*Rep WS02251	<0.5	27	<10	<0.1	80	<0.5	216	4
*Rep WS02283	<0.5	39	<10	<0.1	120	<0.5	209	12
*Std MMISRM19	27.7	20	<10	4.8	1200	<0.5	801	38
*Std AMIS0169	10.2	56	10	0.7	600	<0.5	40	2
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

Report File No.: 0000019566

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02135	10	9	<100	2.3	20	1.9	1.2	0.3
WS02137	15	8	<100	1.3	10	3.0	1.8	0.7
WS02139	21	8	<100	0.7	<10	2.5	1.7	0.7
WS02141	18	5	<100	0.4	20	1.9	1.0	0.4
WS02143	10	4	<100	0.3	<10	1.3	0.5	0.2
WS02145	18	6	<100	0.6	10	2.5	1.2	0.5
WS02147	24	7	<100	0.5	20	2.6	1.3	0.6
WS02149	24	7	<100	0.3	10	3.4	1.7	0.6
WS02151	24	6	<100	0.8	<10	2.7	1.1	0.6
WS02153	25	7	<100	0.5	20	2.5	1.2	0.6
WS02155	14	7	<100	0.4	<10	1.4	0.9	<0.2
WS02157	11	6	<100	0.3	10	1.7	1.0	0.4
WS02159	15	5	<100	0.3	10	1.6	1.2	0.4
WS02161	20	6	<100	0.4	10	2.1	1.2	0.3
WS02163	15	7	<100	0.7	10	1.6	0.9	0.3
WS02165	17	6	<100	<0.2	10	2.0	0.7	0.3
WS02167	18	6	<100	0.3	<10	2.1	0.9	0.3
WS02169	11	4	<100	<0.2	10	1.1	0.7	0.2
WS02171	15	6	<100	0.9	<10	1.7	0.9	0.3
WS02173	20	6	<100	0.7	10	2.3	1.0	0.4
WS02175	10	5	<100	0.3	<10	1.3	0.6	<0.2
WS02177	15	8	<100	0.6	10	1.9	1.0	0.4
WS02179	10	11	<100	0.4	10	2.2	1.1	0.3
WS02181	6	4	<100	1.1	30	1.6	0.8	<0.2
WS02183	4	7	<100	0.5	20	0.9	0.8	<0.2
WS02185	2	5	<100	0.3	30	0.7	0.5	<0.2
WS02187	21	4	<100	0.3	20	2.7	1.3	0.6
WS02189	21	6	<100	0.6	20	2.9	1.5	0.5
WS02191	27	8	<100	0.5	<10	3.6	1.8	0.6
WS02193	14	5	<100	0.9	10	2.2	1.0	0.4
WS02195	9	4	<100	0.5	<10	0.9	0.6	<0.2
WS02197	4	5	<100	0.5	30	<0.5	0.4	<0.2
WS02199	6	4	<100	1.3	20	1.3	0.6	<0.2
WS02201	4	7	<100	1.0	20	0.8	0.3	<0.2
WS02203	3	3	<100	0.4	10	0.6	0.2	<0.2
WS02205	26	5	<100	0.7	20	2.1	0.9	0.6
WS02207	12	5	<100	0.4	<10	1.3	0.8	0.3
WS02209	17	6	<100	0.4	<10	1.6	0.8	0.4
WS02211	16	10	<100	0.3	<10	1.6	0.9	0.3
WS02213	13	7	<100	<0.2	<10	1.3	0.8	0.2

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02215	18	8	<100	0.4	<10	1.9	1.1	0.3
WS02217	16	6	<100	0.6	10	2.1	1.2	0.4
WS02219	13	4	<100	<0.2	20	1.4	0.6	0.3
WS02221	21	6	<100	0.5	20	2.7	1.2	0.7
WS02223	14	6	<100	0.3	<10	1.9	1.2	0.3
WS02225	25	9	<100	0.2	10	3.4	1.7	0.6
WS02227	2	8	<100	0.6	20	<0.5	<0.2	<0.2
WS02229	<2	12	<100	0.2	20	<0.5	<0.2	<0.2
WS02231	3	14	<100	<0.2	30	<0.5	<0.2	<0.2
WS02233	<2	15	<100	0.9	30	<0.5	0.3	<0.2
WS02235	<2	7	<100	0.5	20	<0.5	<0.2	<0.2
WS02237	19	8	<100	0.5	20	1.6	0.9	0.5
WS02239	13	7	<100	0.4	10	1.4	0.9	0.2
WS02241	16	7	<100	0.5	20	1.4	0.9	0.2
WS02243	14	7	<100	<0.2	20	1.6	1.0	0.4
WS02245	14	5	<100	0.5	20	1.2	0.7	0.2
WS02247	17	7	<100	0.6	20	2.1	1.1	0.4
WS02249	26	7	<100	0.6	20	2.6	1.3	0.7
WS02251	6	7	<100	1.0	10	2.3	1.3	0.3
WS02253	3	1	<100	0.3	30	0.8	0.5	<0.2
WS02255	8	12	<100	0.3	10	0.9	0.5	<0.2
WS02257	16	5	<100	0.6	20	1.4	0.6	0.2
WS02259	18	7	<100	0.3	20	2.0	0.9	0.5
WS02261	23	6	<100	0.3	30	2.1	1.0	0.6
WS02263	13	9	<100	1.1	20	0.6	0.2	<0.2
WS02265	13	21	<100	<0.2	160	2.1	1.4	0.3
WS02267	<2	17	<100	0.6	20	0.6	0.5	<0.2
WS02269	14	8	<100	0.4	<10	1.4	1.1	0.3
WS02271	12	9	<100	0.3	20	3.1	2.1	0.5
WS02273	10	6	<100	0.3	<10	1.1	0.6	<0.2
WS02275	20	7	<100	0.4	10	2.0	0.9	0.5
WS02277	8	7	<100	0.6	40	2.4	1.1	0.3
WS02279	20	8	<100	<0.2	10	2.4	1.0	0.5
WS02281	16	8	<100	0.2	<10	2.3	1.1	0.7
WS02283	21	9	<100	<0.2	<10	2.5	1.4	0.7
WS02285	40	10	<100	0.5	20	3.8	2.2	0.9
WS02287	9	15	<100	<0.2	10	2.5	1.7	0.4
WS02289	6	10	<100	<0.2	<10	1.6	1.3	<0.2
WS02291	<2	16	<100	0.2	<10	1.0	0.4	<0.2
WS02293	23	7	<100	0.3	<10	2.5	1.2	0.5

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

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Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02295	15	7	<100	0.3	10	1.4	0.5	0.3
WS02297	20	8	<100	0.5	<10	2.4	1.4	0.3
WS02299	22	8	<100	0.7	20	2.1	1.3	0.5
WS02301	18	6	<100	0.5	<10	1.7	1.2	0.4
*Rep WS02143	13	4	<100	0.3	<10	1.5	0.8	<0.2
*Rep WS02171	17	7	<100	0.5	<10	1.6	0.8	0.4
*Rep WS02201	4	7	<100	0.9	20	0.6	0.4	<0.2
*Rep WS02251	7	6	<100	0.9	10	2.4	1.5	0.3
*Rep WS02283	25	9	<100	<0.2	10	2.8	1.4	0.7
*Std MMISRM19	14	333	<100	4.1	2200	10.4	5.8	2.1
*Std AMIS0169	743	88	<100	7.5	3980	26.1	12.2	10.5
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS02135	70	2.7	2.3	<1	<0.1	2.2	4	<1
WS02137	88	5.8	3.2	<1	<0.1	3.6	6	<1
WS02139	72	6.5	3.0	<1	<0.1	2.6	7	<1
WS02141	24	6.2	2.3	<1	<0.1	3.0	7	<1
WS02143	35	4.1	1.4	<1	<0.1	0.6	4	<1
WS02145	16	4.7	2.6	<1	<0.1	2.0	8	<1
WS02147	26	5.4	3.1	<1	<0.1	1.1	9	<1
WS02149	20	6.2	4.5	<1	<0.1	<0.5	10	<1
WS02151	33	7.0	2.9	<1	<0.1	3.3	10	<1
WS02153	29	5.8	3.5	<1	<0.1	3.0	10	<1
WS02155	30	4.0	2.4	<1	<0.1	2.1	5	<1
WS02157	103	4.7	1.7	<1	<0.1	3.2	5	<1
WS02159	29	5.0	2.6	<1	0.3	0.6	6	<1
WS02161	27	6.8	1.8	<1	<0.1	2.9	8	<1
WS02163	31	4.7	1.6	<1	<0.1	0.8	5	<1
WS02165	18	4.8	2.2	<1	<0.1	0.8	7	<1
WS02167	63	7.0	2.2	<1	<0.1	0.8	7	<1
WS02169	10	3.2	1.4	<1	<0.1	<0.5	4	<1
WS02171	25	3.9	1.8	<1	<0.1	4.2	7	<1
WS02173	20	5.2	2.7	<1	<0.1	3.7	8	<1
WS02175	13	2.4	1.5	<1	<0.1	1.2	4	<1
WS02177	22	4.0	2.4	<1	<0.1	4.1	6	<1
WS02179	174	7.3	2.7	<1	<0.1	1.7	3	<1
WS02181	27	2.1	1.5	<1	<0.1	1.4	2	<1
WS02183	122	5.1	0.7	<1	<0.1	<0.5	1	<1
WS02185	32	1.4	0.6	<1	<0.1	0.6	<1	2
WS02187	21	4.6	3.0	<1	<0.1	2.7	9	<1
WS02189	24	4.1	3.3	<1	<0.1	4.2	8	<1
WS02191	35	4.9	3.2	<1	<0.1	4.0	11	<1
WS02193	24	4.4	2.6	<1	<0.1	1.8	5	<1
WS02195	30	3.8	0.9	<1	<0.1	3.9	3	<1
WS02197	93	1.9	<0.5	<1	<0.1	0.9	1	<1
WS02199	47	1.8	1.0	<1	<0.1	<0.5	2	<1
WS02201	135	2.1	1.0	<1	<0.1	1.1	2	1
WS02203	11	1.0	0.7	<1	<0.1	1.4	1	<1
WS02205	47	6.7	2.9	<1	<0.1	2.2	11	<1
WS02207	23	3.3	1.4	<1	<0.1	1.7	5	<1
WS02209	33	4.1	2.0	<1	<0.1	3.7	6	<1
WS02211	38	4.7	2.0	<1	<0.1	2.4	6	<1
WS02213	41	5.0	1.5	<1	<0.1	<0.5	5	<1

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

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Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS02215	27	6.3	2.2	<1	<0.1	2.9	7	<1
WS02217	14	3.8	2.4	<1	<0.1	0.6	7	<1
WS02219	11	2.6	1.7	<1	<0.1	<0.5	5	<1
WS02221	13	6.8	3.0	<1	<0.1	1.6	8	<1
WS02223	20	5.4	1.9	<1	<0.1	<0.5	5	<1
WS02225	21	5.8	3.9	<1	<0.1	<0.5	9	<1
WS02227	79	0.5	<0.5	<1	<0.1	<0.5	<1	<1
WS02229	66	0.7	<0.5	<1	<0.1	<0.5	<1	<1
WS02231	134	0.7	<0.5	<1	<0.1	<0.5	<1	<1
WS02233	280	1.1	<0.5	<1	<0.1	<0.5	<1	<1
WS02235	337	0.8	<0.5	<1	<0.1	<0.5	<1	<1
WS02237	28	5.7	2.7	<1	<0.1	1.8	8	<1
WS02239	26	4.2	1.5	<1	<0.1	1.9	5	<1
WS02241	42	4.8	1.9	<1	<0.1	2.2	7	<1
WS02243	19	4.6	2.2	<1	<0.1	<0.5	5	<1
WS02245	22	4.2	1.7	<1	<0.1	4.5	5	<1
WS02247	24	3.7	2.5	<1	<0.1	3.5	7	<1
WS02249	23	6.7	3.4	<1	<0.1	3.6	11	<1
WS02251	36	2.7	2.3	<1	<0.1	<0.5	2	<1
WS02253	58	2.4	0.8	<1	<0.1	2.3	<1	2
WS02255	128	4.6	0.9	<1	<0.1	0.6	3	<1
WS02257	16	3.9	2.1	<1	<0.1	4.5	6	<1
WS02259	17	6.1	2.2	<1	<0.1	0.8	7	<1
WS02261	19	4.9	3.1	<1	<0.1	2.0	9	<1
WS02263	139	15.8	0.6	<1	0.1	10.7	6	<1
WS02265	17	1.0	2.5	<1	<0.1	<0.5	5	<1
WS02267	39	0.9	<0.5	<1	<0.1	3.6	<1	<1
WS02269	130	5.9	1.8	<1	<0.1	1.0	6	<1
WS02271	11	2.5	2.7	<1	<0.1	<0.5	5	<1
WS02273	9	2.4	1.3	<1	<0.1	4.1	4	<1
WS02275	15	6.1	2.9	<1	<0.1	2.1	8	<1
WS02277	77	3.1	2.3	<1	<0.1	3.0	3	<1
WS02279	19	5.4	3.3	<1	<0.1	0.9	8	<1
WS02281	10	5.0	3.1	<1	<0.1	0.6	7	<1
WS02283	12	5.0	3.3	<1	<0.1	<0.5	7	<1
WS02285	29	8.5	4.8	<1	<0.1	2.3	16	<1
WS02287	10	4.5	2.5	<1	<0.1	0.8	3	<1
WS02289	4	2.7	1.8	<1	<0.1	<0.5	2	<1
WS02291	3	<0.5	0.7	<1	<0.1	1.8	<1	<1
WS02293	17	5.2	2.8	<1	<0.1	0.8	9	<1

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Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS02295	23	5.5	1.7	<1	<0.1	0.8	6	<1
WS02297	26	5.5	2.5	<1	<0.1	1.3	8	<1
WS02299	58	7.7	3.1	<1	<0.1	2.1	8	<1
WS02301	34	5.2	2.2	<1	<0.1	1.2	7	<1
*Rep WS02143	31	5.2	1.8	<1	<0.1	0.7	5	<1
*Rep WS02171	21	3.6	2.2	<1	<0.1	2.0	7	<1
*Rep WS02201	124	2.0	0.8	<1	<0.1	0.6	1	<1
*Rep WS02251	34	3.2	2.7	<1	<0.1	<0.5	2	<1
*Rep WS02283	13	5.9	3.4	<1	<0.1	<0.5	9	<1
*Std MMISRM19	7	<0.5	12.9	1	<0.1	92.2	2	<1
*Std AMIS0169	34	8.0	44.0	<1	<0.1	45.1	405	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS02135	19.4	2000	<2	1.0	7	17	1.3	146
WS02137	16.6	800	<2	0.7	11	15	1.4	113
WS02139	5.8	300	<2	0.9	14	14	1.6	73
WS02141	9.1	500	<2	0.5	10	23	2.1	67
WS02143	4.7	<100	<2	0.7	7	11	1.0	44
WS02145	6.1	<100	<2	0.6	11	25	1.6	41
WS02147	5.5	100	<2	<0.5	14	14	1.1	123
WS02149	4.3	100	<2	1.6	16	21	1.0	39
WS02151	4.6	<100	<2	1.2	15	17	0.9	67
WS02153	3.9	200	<2	0.9	15	19	1.2	36
WS02155	5.0	300	<2	1.1	9	17	0.8	30
WS02157	4.1	200	<2	<0.5	7	15	1.6	78
WS02159	6.6	100	<2	<0.5	11	15	2.6	291
WS02161	13.3	300	<2	0.6	12	22	2.2	175
WS02163	10.1	<100	<2	<0.5	9	12	1.0	67
WS02165	7.6	200	<2	<0.5	10	16	1.4	77
WS02167	4.4	<100	3	0.6	10	18	1.8	71
WS02169	6.5	300	<2	<0.5	7	12	1.0	75
WS02171	7.8	<100	<2	<0.5	8	15	0.9	74
WS02173	8.7	100	<2	<0.5	13	20	1.3	112
WS02175	3.9	100	<2	0.5	6	16	1.2	87
WS02177	5.5	100	<2	<0.5	8	20	1.5	50
WS02179	14.1	500	<2	<0.5	8	16	1.1	54
WS02181	22.5	2100	2	<0.5	4	15	0.6	46
WS02183	20.5	1100	<2	<0.5	3	9	0.6	36
WS02185	45.9	1600	2	<0.5	2	20	0.4	46
WS02187	8.7	900	<2	<0.5	14	16	1.1	85
WS02189	8.8	800	<2	<0.5	14	21	1.5	118
WS02191	6.2	300	<2	<0.5	19	16	1.1	49
WS02193	5.7	100	<2	<0.5	9	14	1.8	55
WS02195	6.1	600	<2	<0.5	5	11	1.1	25
WS02197	13.1	900	<2	<0.5	2	10	0.8	33
WS02199	11.2	500	<2	<0.5	4	13	0.5	33
WS02201	25.8	2800	<2	<0.5	2	24	0.5	30
WS02203	9.5	500	<2	<0.5	3	7	0.4	130
WS02205	4.6	100	<2	<0.5	15	18	2.0	42
WS02207	3.6	200	<2	<0.5	8	10	0.7	33
WS02209	5.5	200	<2	<0.5	10	17	1.4	52
WS02211	5.5	<100	<2	<0.5	9	22	1.7	26
WS02213	5.6	300	<2	<0.5	8	18	2.2	34

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Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS02215	6.7	<100	<2	<0.5	10	22	2.0	30
WS02217	7.0	<100	<2	<0.5	11	14	1.4	39
WS02219	7.7	200	<2	0.8	8	12	1.0	35
WS02221	9.1	<100	<2	<0.5	15	18	1.6	33
WS02223	5.6	<100	<2	0.7	9	9	0.6	25
WS02225	13.2	200	<2	<0.5	17	19	0.9	38
WS02227	12.7	800	<2	<0.5	<1	14	0.3	19
WS02229	19.5	1500	<2	<0.5	<1	13	0.5	12
WS02231	16.0	1600	<2	<0.5	2	12	0.5	10
WS02233	17.8	1800	<2	<0.5	<1	13	0.6	15
WS02235	5.6	200	<2	<0.5	<1	10	0.5	<5
WS02237	5.8	200	<2	<0.5	11	18	1.5	47
WS02239	5.8	100	<2	<0.5	8	16	1.7	26
WS02241	6.6	100	<2	<0.5	10	14	1.6	98
WS02243	9.8	300	<2	<0.5	9	17	0.9	24
WS02245	11.1	300	<2	<0.5	8	11	1.4	62
WS02247	9.1	200	2	<0.5	11	15	1.1	80
WS02249	8.7	200	2	<0.5	15	23	1.2	73
WS02251	23.9	1400	<2	<0.5	6	11	0.5	49
WS02253	57.5	1000	<2	<0.5	2	14	0.5	45
WS02255	5.8	300	<2	<0.5	5	16	1.3	16
WS02257	7.2	100	<2	<0.5	9	13	1.6	225
WS02259	8.5	300	<2	<0.5	11	18	1.2	48
WS02261	12.5	400	<2	<0.5	15	14	1.7	43
WS02263	23.2	200	<2	1.2	4	24	3.2	7
WS02265	57.7	2600	5	<0.5	6	79	0.4	12
WS02267	44.9	2400	<2	<0.5	1	14	1.0	262
WS02269	20.3	300	<2	<0.5	9	14	1.0	68
WS02271	45.0	1100	<2	<0.5	9	17	0.9	48
WS02273	9.2	200	<2	<0.5	6	12	1.3	62
WS02275	9.7	200	<2	<0.5	12	20	1.4	57
WS02277	59.4	1400	2	<0.5	5	25	0.7	55
WS02279	12.9	300	<2	<0.5	13	20	1.2	51
WS02281	72.2	1000	<2	<0.5	12	29	1.7	44
WS02283	74.4	800	<2	<0.5	14	22	1.2	39
WS02285	12.4	400	3	<0.5	23	24	3.3	76
WS02287	52.0	700	<2	<0.5	7	30	1.4	115
WS02289	48.9	1600	<2	<0.5	5	18	1.4	80
WS02291	105	1200	<2	<0.5	1	16	0.6	43
WS02293	13.9	100	<2	<0.5	13	19	1.4	50

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS02295	10.1	<100	<2	<0.5	8	15	0.9	35
WS02297	12.4	<100	<2	<0.5	12	20	1.9	39
WS02299	7.3	200	<2	<0.5	15	15	2.7	84
WS02301	6.9	<100	2	<0.5	11	20	2.0	63
*Rep WS02143	4.9	<100	<2	0.6	8	16	1.3	45
*Rep WS02171	6.3	<100	<2	<0.5	11	17	1.0	30
*Rep WS02201	25.1	2300	<2	<0.5	2	21	0.5	27
*Rep WS02251	24.3	1800	<2	<0.5	6	10	0.5	48
*Rep WS02283	73.2	700	<2	<0.5	17	23	1.4	47
*Std MMISRM19	210	6000	10	0.5	13	2050	0.4	942
*Std AMIS0169	29.8	3900	3	2.9	374	417	2.8	104
*Blk BLANK	<0.5	<100	<2	0.7	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02135	<1	1.5	<0.1	7	<0.5	<5	2	1
WS02137	<1	2.1	0.2	12	<0.5	<5	3	<1
WS02139	<1	3.0	<0.1	7	<0.5	<5	3	<1
WS02141	<1	2.5	<0.1	7	<0.5	5	3	<1
WS02143	<1	1.5	<0.1	3	<0.5	<5	1	<1
WS02145	<1	2.4	<0.1	8	<0.5	<5	2	<1
WS02147	<1	3.6	<0.1	6	<0.5	<5	3	<1
WS02149	<1	3.6	<0.1	3	<0.5	<5	3	<1
WS02151	<1	3.5	<0.1	15	<0.5	<5	4	<1
WS02153	<1	3.5	<0.1	9	<0.5	<5	3	<1
WS02155	<1	2.2	<0.1	7	<0.5	<5	2	<1
WS02157	<1	1.7	<0.1	7	<0.5	<5	2	<1
WS02159	<1	2.2	<0.1	3	<0.5	<5	3	<1
WS02161	<1	2.4	<0.1	8	<0.5	6	3	<1
WS02163	<1	2.1	<0.1	8	<0.5	<5	2	<1
WS02165	<1	2.3	<0.1	3	<0.5	<5	2	<1
WS02167	<1	2.7	<0.1	4	<0.5	<5	2	<1
WS02169	<1	1.5	<0.1	2	<0.5	<5	1	<1
WS02171	<1	2.0	<0.1	18	<0.5	<5	2	<1
WS02173	<1	2.8	<0.1	13	<0.5	<5	3	<1
WS02175	<1	1.3	<0.1	6	<0.5	<5	1	<1
WS02177	<1	1.9	<0.1	13	<0.5	<5	2	<1
WS02179	<1	1.5	<0.1	3	<0.5	<5	2	<1
WS02181	<1	0.7	<0.1	5	<0.5	<5	1	<1
WS02183	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02185	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02187	<1	3.2	<0.1	6	<0.5	<5	3	<1
WS02189	<1	3.1	<0.1	13	<0.5	<5	3	<1
WS02191	<1	4.0	<0.1	12	<0.5	<5	4	<1
WS02193	<1	2.0	<0.1	7	<0.5	<5	2	<1
WS02195	<1	1.2	<0.1	12	<0.5	<5	<1	<1
WS02197	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
WS02199	<1	0.8	<0.1	3	<0.5	<5	1	<1
WS02201	<1	<0.5	<0.1	7	<0.5	<5	<1	<1
WS02203	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
WS02205	<1	3.3	<0.1	9	<0.5	<5	3	<1
WS02207	<1	1.8	<0.1	6	<0.5	<5	2	<1
WS02209	<1	2.0	<0.1	9	<0.5	<5	2	<1
WS02211	<1	2.2	<0.1	6	<0.5	<5	2	<1
WS02213	<1	1.7	<0.1	2	<0.5	<5	1	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02215	<1	2.5	<0.1	7	<0.5	<5	2	<1
WS02217	<1	2.3	<0.1	6	<0.5	<5	2	<1
WS02219	<1	1.8	<0.1	2	<0.5	<5	2	<1
WS02221	<1	2.9	<0.1	7	<0.5	5	3	<1
WS02223	<1	2.0	<0.1	2	<0.5	<5	2	<1
WS02225	<1	3.6	<0.1	4	<0.5	<5	4	<1
WS02227	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02229	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02231	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02233	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02235	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
WS02237	<1	2.8	<0.1	6	<0.5	<5	2	<1
WS02239	<1	1.8	<0.1	6	<0.5	<5	1	<1
WS02241	<1	2.1	<0.1	8	<0.5	<5	2	<1
WS02243	<1	1.7	<0.1	2	<0.5	<5	2	<1
WS02245	<1	1.7	<0.1	12	<0.5	<5	2	<1
WS02247	<1	2.1	<0.1	11	<0.5	<5	3	<1
WS02249	<1	3.7	<0.1	10	<0.5	<5	3	<1
WS02251	<1	0.9	<0.1	3	<0.5	<5	2	<1
WS02253	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02255	<1	1.1	<0.1	3	<0.5	<5	<1	<1
WS02257	<1	2.1	<0.1	16	<0.5	<5	2	<1
WS02259	<1	2.5	<0.1	4	<0.5	<5	3	<1
WS02261	<1	3.1	<0.1	5	<0.5	<5	3	<1
WS02263	<1	1.3	<0.1	30	<0.5	7	<1	4
WS02265	<1	1.3	<0.1	1	<0.5	<5	2	<1
WS02267	<1	<0.5	<0.1	11	<0.5	<5	<1	<1
WS02269	<1	2.0	<0.1	5	<0.5	<5	2	<1
WS02271	<1	1.8	<0.1	3	<0.5	<5	2	<1
WS02273	<1	1.2	<0.1	14	<0.5	<5	1	<1
WS02275	<1	2.8	<0.1	6	<0.5	<5	3	<1
WS02277	<1	1.1	<0.1	10	<0.5	<5	2	<1
WS02279	<1	3.0	<0.1	3	<0.5	<5	3	<1
WS02281	<1	2.2	<0.1	2	<0.5	<5	3	<1
WS02283	<1	3.1	<0.1	1	<0.5	<5	3	<1
WS02285	<1	5.5	<0.1	7	<0.5	8	5	<1
WS02287	<1	1.4	<0.1	4	<0.5	<5	2	<1
WS02289	<1	0.9	<0.1	4	<0.5	<5	1	<1
WS02291	<1	<0.5	<0.1	6	<0.5	<5	<1	<1
WS02293	<1	3.2	<0.1	4	<0.5	<5	3	<1

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

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Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02295	<1	1.9	<0.1	3	<0.5	<5	2	<1
WS02297	<1	2.8	<0.1	6	<0.5	<5	2	<1
WS02299	<1	3.2	<0.1	5	<0.5	6	3	<1
WS02301	<1	2.4	<0.1	3	<0.5	<5	2	<1
*Rep WS02143	<1	1.8	<0.1	2	<0.5	<5	2	<1
*Rep WS02171	<1	2.3	<0.1	9	<0.5	<5	2	<1
*Rep WS02201	<1	0.5	<0.1	5	<0.5	<5	<1	<1
*Rep WS02251	<1	1.1	<0.1	3	<0.5	<5	2	<1
*Rep WS02283	<1	3.7	<0.1	<1	<0.5	<5	4	<1
*Std MMISRM19	<1	1.6	<0.1	197	1.1	10	7	<1
*Std AMIS0169	<1	95.7	0.1	255	0.7	53	62	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02135	80	<1	0.2	30	0.7	20	0.4	0.8
WS02137	270	<1	0.5	20	1.5	40	0.7	1.4
WS02139	250	<1	0.4	20	4.6	50	0.5	1.5
WS02141	160	<1	0.3	10	4.0	50	0.5	0.9
WS02143	90	<1	0.1	20	2.4	30	0.4	0.8
WS02145	120	<1	0.4	40	3.4	60	0.5	2.6
WS02147	110	<1	0.4	<10	4.0	40	0.2	1.2
WS02149	100	<1	0.5	20	4.2	50	0.4	1.5
WS02151	120	<1	0.4	30	4.8	40	0.4	1.0
WS02153	130	<1	0.4	20	3.4	50	0.2	1.2
WS02155	100	<1	0.3	20	3.2	30	0.3	1.2
WS02157	100	<1	0.2	10	<0.5	30	0.5	0.7
WS02159	60	<1	0.3	20	3.1	50	0.3	1.1
WS02161	60	<1	0.2	<10	4.9	70	0.2	1.8
WS02163	50	<1	0.2	<10	3.7	40	0.4	1.0
WS02165	60	<1	0.3	<10	2.2	40	0.2	0.9
WS02167	60	<1	0.3	20	3.4	70	0.2	1.2
WS02169	50	<1	0.1	<10	1.6	40	0.2	0.7
WS02171	80	<1	0.2	<10	2.0	40	0.1	1.2
WS02173	70	<1	0.4	<10	2.6	40	0.2	0.9
WS02175	50	<1	0.2	<10	1.2	30	0.2	0.7
WS02177	160	<1	0.2	<10	1.7	50	0.3	0.9
WS02179	400	<1	0.2	<10	0.7	50	0.2	1.8
WS02181	70	<1	0.2	<10	<0.5	10	0.2	1.0
WS02183	50	<1	<0.1	<10	0.7	20	0.1	2.3
WS02185	590	<1	<0.1	<10	<0.5	30	0.2	0.9
WS02187	130	<1	0.4	<10	1.9	20	0.1	0.7
WS02189	130	<1	0.4	<10	3.1	40	0.3	1.2
WS02191	140	<1	0.5	<10	3.6	30	0.2	1.2
WS02193	100	<1	0.3	<10	3.1	40	1.0	0.7
WS02195	90	<1	<0.1	<10	1.7	20	0.2	0.9
WS02197	160	<1	<0.1	<10	<0.5	40	0.1	0.7
WS02199	140	<1	0.1	<10	<0.5	10	0.1	<0.5
WS02201	270	<1	<0.1	<10	<0.5	10	0.2	0.5
WS02203	130	<1	<0.1	<10	<0.5	<10	0.3	<0.5
WS02205	110	<1	0.3	<10	3.5	60	0.3	0.9
WS02207	40	<1	0.1	<10	1.6	30	0.1	0.7
WS02209	140	<1	0.3	<10	2.0	50	<0.1	0.7
WS02211	140	<1	0.3	<10	1.2	50	<0.1	0.9
WS02213	70	<1	0.1	<10	2.8	60	<0.1	1.0

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02215	70	<1	0.3	<10	3.7	60	0.2	0.9
WS02217	40	<1	0.3	<10	3.3	50	0.2	1.3
WS02219	50	<1	0.2	<10	1.9	30	0.1	0.8
WS02221	80	<1	0.4	<10	4.7	70	0.2	1.4
WS02223	30	<1	0.3	<10	3.4	30	0.1	1.0
WS02225	80	<1	0.5	<10	4.3	40	0.1	1.3
WS02227	250	<1	<0.1	<10	<0.5	<10	0.2	<0.5
WS02229	300	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02231	180	<1	<0.1	<10	<0.5	10	0.1	<0.5
WS02233	120	<1	<0.1	<10	<0.5	20	0.2	0.6
WS02235	70	<1	<0.1	<10	<0.5	10	0.1	<0.5
WS02237	80	<1	0.2	<10	3.8	60	0.2	1.1
WS02239	100	<1	0.2	<10	0.7	30	<0.1	0.6
WS02241	60	<1	0.2	<10	1.8	40	<0.1	0.9
WS02243	70	<1	0.2	<10	1.5	30	<0.1	0.8
WS02245	60	<1	0.2	<10	2.0	30	<0.1	1.0
WS02247	60	<1	0.2	<10	3.2	40	0.1	1.1
WS02249	70	<1	0.4	<10	3.2	50	0.1	1.3
WS02251	490	<1	0.3	<10	<0.5	10	0.1	0.9
WS02253	1270	<1	<0.1	<10	<0.5	30	0.2	1.5
WS02255	50	<1	<0.1	<10	0.7	30	<0.1	0.6
WS02257	60	<1	0.3	<10	2.0	50	<0.1	1.0
WS02259	70	<1	0.3	<10	3.2	60	<0.1	1.4
WS02261	80	<1	0.3	<10	4.0	50	<0.1	1.2
WS02263	130	<1	<0.1	<10	3.2	170	0.2	1.7
WS02265	160	<1	0.3	<10	<0.5	10	0.1	5.8
WS02267	180	<1	<0.1	<10	<0.5	20	0.2	0.6
WS02269	110	<1	0.2	<10	1.4	20	0.1	1.0
WS02271	90	<1	0.4	<10	1.8	70	<0.1	2.0
WS02273	30	<1	0.2	<10	2.1	40	0.2	0.8
WS02275	60	<1	0.3	<10	3.5	70	<0.1	1.3
WS02277	110	<1	0.3	<10	<0.5	<10	<0.1	2.0
WS02279	60	<1	0.4	<10	2.7	40	<0.1	1.1
WS02281	170	<1	0.4	<10	1.5	100	<0.1	1.8
WS02283	160	<1	0.4	<10	1.7	50	<0.1	0.9
WS02285	110	<1	0.6	<10	7.3	110	<0.1	2.0
WS02287	100	<1	0.4	<10	1.5	50	0.1	1.3
WS02289	90	<1	0.2	<10	0.8	50	<0.1	1.1
WS02291	230	<1	<0.1	<10	<0.5	<10	0.1	<0.5
WS02293	70	<1	0.4	<10	3.1	70	<0.1	1.2

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02295	60	<1	0.1	<10	2.4	40	<0.1	0.7
WS02297	70	<1	0.2	<10	3.0	70	<0.1	1.1
WS02299	110	<1	0.3	<10	6.6	90	<0.1	1.5
WS02301	90	<1	0.2	<10	6.4	60	<0.1	1.3
*Rep WS02143	100	<1	0.2	20	4.0	50	0.3	1.0
*Rep WS02171	80	<1	0.2	<10	1.9	40	0.1	1.4
*Rep WS02201	270	<1	<0.1	<10	<0.5	10	0.3	0.5
*Rep WS02251	510	<1	0.3	<10	<0.5	10	0.1	0.8
*Rep WS02283	160	<1	0.5	<10	2.2	60	<0.1	1.1
*Std MMISRM19	4010	<1	1.8	20	14.6	<10	1.4	59.5
*Std AMIS0169	50	<1	5.2	<10	67.4	370	0.9	25.2
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	0.1	<0.5
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

Report File No.: 0000019566

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS02135	<0.5	10	1.1	140	3
WS02137	<0.5	14	1.5	50	7
WS02139	<0.5	14	1.4	140	13
WS02141	<0.5	10	0.8	580	12
WS02143	<0.5	7	0.7	360	7
WS02145	<0.5	10	1.0	200	10
WS02147	<0.5	13	1.5	190	9
WS02149	<0.5	16	1.7	170	8
WS02151	<0.5	13	1.1	230	11
WS02153	<0.5	14	1.1	220	9
WS02155	<0.5	9	0.9	380	10
WS02157	<0.5	8	0.9	50	8
WS02159	<0.5	9	0.7	750	11
WS02161	<0.5	10	0.9	310	13
WS02163	<0.5	8	1.0	1010	14
WS02165	<0.5	9	0.8	290	7
WS02167	<0.5	11	1.0	280	11
WS02169	<0.5	6	0.6	400	8
WS02171	<0.5	8	0.8	150	10
WS02173	<0.5	11	0.9	390	9
WS02175	<0.5	5	0.4	260	6
WS02177	<0.5	9	0.7	220	7
WS02179	<0.5	11	1.3	260	7
WS02181	<0.5	6	0.7	60	<2
WS02183	<0.5	5	1.3	50	2
WS02185	<0.5	4	0.4	320	<2
WS02187	<0.5	12	0.9	290	6
WS02189	<0.5	13	1.3	800	9
WS02191	<0.5	17	1.5	100	10
WS02193	<0.5	10	1.0	250	10
WS02195	<0.5	5	0.6	340	6
WS02197	<0.5	3	0.4	630	2
WS02199	<0.5	5	0.6	10	<2
WS02201	<0.5	4	0.5	100	<2
WS02203	<0.5	3	<0.2	160	<2
WS02205	<0.5	11	0.9	130	13
WS02207	<0.5	7	0.7	310	9
WS02209	<0.5	8	0.7	310	9
WS02211	<0.5	10	0.7	20	5
WS02213	<0.5	7	0.6	240	16

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

Report File No.: 0000019566

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS02215	<0.5	9	0.8	110	11
WS02217	<0.5	9	0.9	410	10
WS02219	<0.5	7	0.7	300	5
WS02221	<0.5	12	1.2	120	10
WS02223	<0.5	11	1.4	10	7
WS02225	<0.5	16	1.9	530	11
WS02227	<0.5	2	<0.2	30	<2
WS02229	<0.5	1	<0.2	80	<2
WS02231	<0.5	2	<0.2	130	<2
WS02233	<0.5	2	0.3	1390	<2
WS02235	<0.5	<1	<0.2	40	<2
WS02237	<0.5	11	1.1	450	13
WS02239	<0.5	7	0.8	120	7
WS02241	<0.5	7	0.8	220	6
WS02243	<0.5	8	0.9	460	5
WS02245	<0.5	8	0.7	550	7
WS02247	<0.5	9	0.9	500	8
WS02249	<0.5	13	1.2	390	10
WS02251	<0.5	11	1.4	510	<2
WS02253	<0.5	5	0.3	80	2
WS02255	<0.5	5	0.5	470	6
WS02257	<0.5	7	0.6	1960	7
WS02259	<0.5	10	0.8	890	9
WS02261	<0.5	10	0.7	340	12
WS02263	<0.5	3	0.2	130	12
WS02265	<0.5	19	1.0	170	5
WS02267	<0.5	3	0.5	940	<2
WS02269	<0.5	8	1.0	650	7
WS02271	<0.5	16	1.8	770	4
WS02273	<0.5	6	0.5	3110	6
WS02275	<0.5	11	1.2	1420	9
WS02277	<0.5	12	1.4	120	<2
WS02279	<0.5	13	1.3	630	7
WS02281	<0.5	12	1.0	360	7
WS02283	<0.5	14	1.1	470	4
WS02285	<0.5	20	1.8	1430	14
WS02287	<0.5	12	1.5	970	3
WS02289	<0.5	8	1.3	1020	2
WS02291	<0.5	4	0.5	730	<2
WS02293	<0.5	11	1.0	630	7

Final : VC163209 Order: West Porcupine-GTA/334 Samples (2 of 4)

Report File No.: 0000019566

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS02295	<0.5	8	0.7	830	6
WS02297	<0.5	10	1.2	730	8
WS02299	<0.5	13	1.4	970	17
WS02301	<0.5	11	1.2	380	15
*Rep WS02143	<0.5	8	0.9	370	11
*Rep WS02171	<0.5	8	0.9	150	8
*Rep WS02201	<0.5	3	0.4	60	<2
*Rep WS02251	<0.5	12	1.3	340	<2
*Rep WS02283	<0.5	16	1.3	420	4
*Std MMISRM19	0.5	56	4.7	2160	11
*Std AMIS0169	1.2	119	8.8	200	46
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2

Certificate of Analysis
Work Order : VC163210
[Report File No.: 0000019567]

Date: October 25, 2016

To: **SHARON ALLAN**
PROBE METALS INC
56 TEMPERANCE ST SUITE 1000
TORONTO ON M5H 3V5

P.O. No.: West Porcupine-GTA/334 Samples (3 of 4)
Project No.: -
Samples: 84
Received: Oct 11, 2016
Pages: Page 1 to 22
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
84	G_LOG02	Pre-preparation processing, sorting, logging, boxing
84	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Storage: Pulp & Reject
REJECT STORAGE : DISCARD

Certified By :
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

Report File No.: 0000019567

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS02303	<0.5	35	<10	<0.1	70	<0.5	267	10
WS02305	<0.5	26	10	<0.1	80	<0.5	157	6
WS02307	<0.5	19	<10	<0.1	90	1.9	72	7
WS02309	<0.5	30	<10	<0.1	80	<0.5	56	5
WS02311	<0.5	20	<10	<0.1	80	2.4	56	11
WS02313	<0.5	27	<10	<0.1	110	<0.5	96	3
WS02315	<0.5	22	20	<0.1	60	1.7	60	6
WS02317	<0.5	29	<10	<0.1	120	0.6	104	2
WS02319	<0.5	29	<10	<0.1	100	<0.5	130	4
WS02321	<0.5	36	<10	<0.1	120	0.7	162	7
WS02323	<0.5	30	10	<0.1	110	1.3	156	9
WS02325	<0.5	9	<10	<0.1	40	<0.5	280	7
WS02327	<0.5	14	10	<0.1	70	<0.5	494	5
WS02329	<0.5	12	<10	<0.1	50	<0.5	367	7
WS02331	<0.5	11	<10	<0.1	110	<0.5	450	11
WS02333	<0.5	19	<10	<0.1	50	<0.5	383	9
WS02335	<0.5	24	<10	<0.1	60	1.8	130	11
WS02337	<0.5	25	<10	<0.1	100	3.2	74	5
WS02339	<0.5	9	<10	<0.1	120	<0.5	178	1
WS02341	<0.5	26	<10	<0.1	120	<0.5	112	10
WS02343	<0.5	31	<10	<0.1	80	<0.5	74	4
WS02345	<0.5	16	<10	<0.1	90	<0.5	52	2
WS02347	<0.5	31	<10	<0.1	100	<0.5	94	7
WS02349	<0.5	17	<10	<0.1	70	<0.5	56	5
WS02351	<0.5	27	<10	<0.1	120	0.7	73	9
WS02353	<0.5	24	10	<0.1	50	<0.5	201	2
WS02355	<0.5	5	<10	<0.1	110	<0.5	199	4
WS02357	<0.5	11	<10	<0.1	160	<0.5	343	2
WS02359	<0.5	12	<10	<0.1	60	<0.5	76	4
WS02361	<0.5	10	<10	<0.1	50	<0.5	198	3
WS02363	<0.5	10	<10	<0.1	90	<0.5	270	2
WS02365	<0.5	7	<10	<0.1	100	<0.5	256	1
WS02367	<0.5	9	<10	<0.1	50	<0.5	129	3
WS02369	<0.5	7	<10	<0.1	40	<0.5	137	5
WS02371	<0.5	39	<10	<0.1	50	<0.5	119	8
WS02373	<0.5	25	<10	<0.1	80	<0.5	48	6
WS02375	<0.5	19	<10	<0.1	60	<0.5	54	4
WS02377	<0.5	18	<10	<0.1	60	<0.5	68	8
WS02379	<0.5	15	<10	<0.1	70	<0.5	66	9
WS02381	<0.5	21	<10	<0.1	90	<0.5	66	8

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

Report File No.: 0000019567

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS02383	<0.5	28	<10	<0.1	130	0.5	76	12
WS02385	<0.5	31	<10	<0.1	80	<0.5	128	<1
WS02387	<0.5	15	<10	<0.1	50	<0.5	231	4
WS02389	<0.5	12	<10	<0.1	50	<0.5	249	4
WS02391	<0.5	26	<10	<0.1	50	<0.5	174	4
WS02393	<0.5	21	<10	<0.1	80	<0.5	111	5
WS02395	<0.5	14	<10	<0.1	50	0.6	69	8
WS02397	<0.5	16	<10	<0.1	60	0.5	82	4
WS02399	<0.5	18	<10	<0.1	50	0.5	68	6
WS02401	<0.5	20	<10	<0.1	70	0.5	78	5
WS02403	<0.5	17	<10	<0.1	70	0.5	78	6
WS02405	<0.5	16	<10	<0.1	80	<0.5	78	4
WS02407	<0.5	17	<10	<0.1	60	<0.5	83	4
WS02409	<0.5	24	<10	<0.1	80	<0.5	79	4
WS02411	<0.5	19	<10	<0.1	70	<0.5	91	2
WS02413	<0.5	11	<10	<0.1	50	<0.5	65	2
WS02415	<0.5	36	10	<0.1	40	<0.5	160	6
WS02417	<0.5	32	<10	<0.1	60	<0.5	139	3
WS02419	<0.5	17	<10	<0.1	80	0.6	51	5
WS02421	<0.5	14	<10	<0.1	70	<0.5	64	5
WS02423	<0.5	14	<10	<0.1	60	<0.5	57	5
WS02425	<0.5	18	<10	<0.1	90	<0.5	69	8
WS02427	<0.5	27	<10	<0.1	120	<0.5	79	6
WS02429	<0.5	28	<10	<0.1	120	<0.5	80	9
WS02431	<0.5	19	<10	<0.1	90	<0.5	35	7
WS02433	<0.5	23	<10	<0.1	90	<0.5	49	5
WS02435	<0.5	30	<10	<0.1	90	<0.5	56	10
WS02437	<0.5	27	<10	<0.1	100	<0.5	138	7
WS02439	<0.5	9	<10	<0.1	80	<0.5	235	2
WS02441	<0.5	4	<10	<0.1	80	<0.5	192	2
WS02443	<0.5	7	<10	<0.1	80	<0.5	191	2
WS02445	<0.5	4	<10	<0.1	80	<0.5	269	2
WS02447	<0.5	4	<10	<0.1	70	<0.5	199	4
WS02449	<0.5	5	<10	<0.1	70	<0.5	265	2
WS02451	<0.5	6	<10	<0.1	60	<0.5	256	2
WS02453	<0.5	6	<10	<0.1	60	<0.5	217	2
WS02455	7.4	40	<10	<0.1	100	<0.5	550	20
WS02457	<0.5	23	<10	<0.1	80	<0.5	363	22
WS02459	<0.5	22	<10	<0.1	40	<0.5	274	5
WS02461	<0.5	23	10	<0.1	50	<0.5	273	3

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

Report File No.: 0000019567

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS02463	<0.5	46	10	<0.1	230	<0.5	242	11
WS02465	<0.5	26	<10	<0.1	100	1.6	64	15
WS02467	<0.5	16	<10	<0.1	100	<0.5	150	7
WS02469	<0.5	20	10	<0.1	100	1.0	55	18
*Rep WS02319	<0.5	33	<10	<0.1	100	<0.5	110	5
*Rep WS02347	<0.5	32	<10	<0.1	100	<0.5	107	7
*Rep WS02369	<0.5	7	<10	<0.1	40	<0.5	136	5
*Rep WS02397	<0.5	17	<10	<0.1	60	<0.5	82	5
*Rep WS02441	<0.5	4	<10	<0.1	80	<0.5	215	2
*Rep WS02445	<0.5	5	<10	<0.1	70	<0.5	256	1
*Std MMISRM19	27.6	22	<10	5.2	1310	<0.5	740	35
*Std AMIS0169	9.4	54	20	0.4	720	<0.5	38	2
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02303	5	18	<100	0.6	<10	1.8	1.2	0.3
WS02305	11	8	<100	0.3	<10	2.0	1.3	0.5
WS02307	13	6	<100	0.2	<10	1.5	1.0	0.3
WS02309	17	8	<100	0.4	10	1.8	1.2	0.5
WS02311	17	9	<100	1.5	10	1.9	1.2	0.7
WS02313	11	7	<100	0.3	<10	1.2	0.6	0.2
WS02315	10	8	<100	1.9	<10	1.2	0.8	0.3
WS02317	23	6	<100	0.2	20	2.3	1.5	0.6
WS02319	21	7	<100	<0.2	10	1.7	1.0	0.6
WS02321	24	9	<100	0.3	<10	2.2	1.1	0.7
WS02323	13	20	<100	1.1	<10	1.5	0.9	0.4
WS02325	<2	49	<100	0.5	<10	<0.5	0.3	<0.2
WS02327	<2	66	<100	0.4	20	<0.5	0.4	<0.2
WS02329	<2	59	<100	<0.2	30	<0.5	0.2	<0.2
WS02331	<2	50	<100	<0.2	150	<0.5	0.2	<0.2
WS02333	<2	32	<100	0.3	10	0.9	0.8	<0.2
WS02335	15	10	<100	0.9	<10	1.6	0.8	0.3
WS02337	23	7	<100	0.6	10	2.9	1.3	0.6
WS02339	9	6	<100	<0.2	<10	1.1	0.5	0.2
WS02341	22	9	<100	<0.2	10	2.0	1.3	0.7
WS02343	26	7	<100	0.3	<10	2.8	1.7	0.8
WS02345	12	5	<100	0.3	10	1.7	0.9	0.3
WS02347	24	9	<100	0.3	<10	2.2	1.4	0.7
WS02349	12	5	<100	0.3	<10	1.2	0.8	0.3
WS02351	22	8	<100	0.3	20	2.1	0.9	0.5
WS02353	3	26	<100	0.3	20	0.6	0.7	<0.2
WS02355	<2	23	<100	<0.2	20	<0.5	<0.2	<0.2
WS02357	<2	31	<100	0.9	10	<0.5	0.3	<0.2
WS02359	<2	20	<100	<0.2	20	<0.5	0.3	<0.2
WS02361	<2	7	<100	<0.2	10	<0.5	0.3	<0.2
WS02363	<2	2	<100	0.2	30	<0.5	<0.2	<0.2
WS02365	<2	1	<100	<0.2	20	<0.5	<0.2	<0.2
WS02367	<2	7	<100	<0.2	10	<0.5	<0.2	<0.2
WS02369	<2	13	<100	<0.2	30	<0.5	<0.2	<0.2
WS02371	<2	22	<100	<0.2	10	0.6	0.7	<0.2
WS02373	16	6	<100	0.5	<10	1.9	0.9	0.5
WS02375	14	5	<100	0.6	<10	1.7	0.7	0.5
WS02377	15	5	<100	0.2	<10	1.8	1.1	0.4
WS02379	10	6	<100	<0.2	<10	1.4	0.7	0.2
WS02381	17	6	<100	0.2	<10	1.9	1.0	0.5

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

Report File No.: 0000019567

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02383	20	6	<100	0.2	<10	2.4	1.4	0.5
WS02385	19	9	<100	0.2	<10	2.3	1.3	0.6
WS02387	4	13	<100	0.3	20	0.7	0.5	0.2
WS02389	3	4	<100	0.3	20	0.7	0.5	<0.2
WS02391	10	9	<100	0.3	10	2.6	1.4	0.7
WS02393	17	5	<100	0.2	20	2.1	1.1	0.5
WS02395	10	4	<100	0.6	<10	1.0	0.4	0.3
WS02397	12	4	<100	0.5	<10	1.3	0.7	0.3
WS02399	12	5	<100	0.7	<10	1.2	0.8	0.4
WS02401	15	6	<100	0.3	<10	1.6	0.8	0.5
WS02403	13	4	<100	0.4	<10	1.6	0.9	0.4
WS02405	14	4	<100	<0.2	20	1.4	0.7	0.3
WS02407	12	5	<100	0.6	10	1.3	0.7	0.4
WS02409	19	10	<100	<0.2	<10	2.3	1.3	0.6
WS02411	13	6	<100	0.3	<10	2.0	1.2	0.5
WS02413	10	4	<100	0.3	<10	1.3	0.6	0.4
WS02415	9	6	<100	0.3	<10	1.4	0.9	0.3
WS02417	16	7	<100	0.2	<10	2.6	1.3	0.5
WS02419	11	6	<100	0.4	20	1.2	0.8	0.4
WS02421	10	4	<100	0.5	10	1.1	0.6	0.3
WS02423	9	4	<100	0.4	<10	1.2	0.7	0.4
WS02425	12	5	<100	<0.2	<10	1.6	0.7	0.5
WS02427	23	7	<100	0.2	10	2.4	1.4	0.8
WS02429	20	5	<100	0.2	20	2.4	1.2	0.6
WS02431	11	5	<100	0.4	20	1.1	0.9	0.3
WS02433	12	6	<100	0.2	<10	1.1	0.6	0.2
WS02435	15	6	<100	<0.2	<10	1.6	1.1	0.5
WS02437	14	5	<100	0.4	<10	2.2	1.1	0.6
WS02439	2	11	<100	0.3	20	<0.5	0.3	<0.2
WS02441	<2	7	<100	0.7	20	<0.5	<0.2	<0.2
WS02443	<2	2	<100	<0.2	20	<0.5	<0.2	<0.2
WS02445	<2	2	<100	<0.2	30	<0.5	<0.2	<0.2
WS02447	<2	6	<100	0.9	20	<0.5	<0.2	<0.2
WS02449	<2	<1	<100	<0.2	40	<0.5	<0.2	<0.2
WS02451	<2	<1	<100	<0.2	20	<0.5	<0.2	<0.2
WS02453	<2	2	<100	<0.2	40	<0.5	<0.2	<0.2
WS02455	37	55	<100	0.6	810	2.9	1.8	0.7
WS02457	4	33	<100	0.3	20	1.3	1.0	<0.2
WS02459	3	17	<100	0.7	10	1.3	0.9	<0.2
WS02461	2	15	<100	<0.2	10	<0.5	0.3	<0.2

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

Report File No.: 0000019567

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02463	6	42	<100	0.3	<10	0.5	0.7	<0.2
WS02465	16	6	<100	0.8	<10	2.0	1.0	0.5
WS02467	11	5	<100	0.3	<10	1.7	0.7	0.4
WS02469	12	8	<100	0.6	<10	1.6	0.9	0.3
*Rep WS02319	23	8	<100	<0.2	10	2.6	1.3	0.8
*Rep WS02347	23	8	<100	0.3	<10	2.4	1.4	0.7
*Rep WS02369	<2	14	<100	0.3	30	<0.5	<0.2	<0.2
*Rep WS02397	11	4	<100	0.5	<10	1.3	0.7	0.3
*Rep WS02441	2	6	<100	0.6	30	<0.5	<0.2	<0.2
*Rep WS02445	<2	<1	<100	<0.2	40	<0.5	<0.2	<0.2
*Std MMISRM19	20	425	<100	4.6	2130	12.5	7.5	2.6
*Std AMIS0169	741	93	100	7.4	4090	27.5	12.4	10.9
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS02303	38	4.1	1.3	<1	<0.1	2.1	2	<1
WS02305	59	7.1	2.0	<1	<0.1	<0.5	4	<1
WS02307	31	3.8	1.5	<1	0.1	0.7	5	1
WS02309	32	4.8	2.1	<1	<0.1	1.8	7	<1
WS02311	20	4.9	2.1	<1	0.2	10.0	6	<1
WS02313	37	5.4	1.5	<1	<0.1	2.8	4	<1
WS02315	63	5.4	1.3	<1	0.2	9.1	4	<1
WS02317	19	5.8	2.9	<1	<0.1	0.7	10	<1
WS02319	15	5.0	2.5	<1	<0.1	<0.5	9	<1
WS02321	23	4.8	2.7	<1	<0.1	2.5	10	1
WS02323	143	7.3	1.4	<1	0.1	6.0	5	<1
WS02325	27	0.7	<0.5	<1	<0.1	0.6	<1	<1
WS02327	56	1.4	<0.5	<1	<0.1	1.2	<1	<1
WS02329	17	0.8	<0.5	<1	<0.1	0.5	<1	1
WS02331	23	0.8	<0.5	<1	<0.1	1.4	<1	1
WS02333	17	1.3	0.5	<1	<0.1	<0.5	<1	<1
WS02335	60	4.9	1.8	<1	0.2	3.6	5	<1
WS02337	34	5.4	3.1	<1	0.3	2.8	9	<1
WS02339	16	1.9	0.9	<1	<0.1	0.7	4	1
WS02341	11	5.0	2.8	<1	<0.1	2.0	9	1
WS02343	11	4.9	2.9	<1	<0.1	1.3	10	<1
WS02345	7	3.1	1.8	<1	<0.1	2.9	5	<1
WS02347	18	5.8	3.0	<1	<0.1	1.9	10	1
WS02349	9	2.8	1.6	<1	<0.1	2.8	5	<1
WS02351	23	4.8	2.3	<1	<0.1	2.1	9	<1
WS02353	85	1.7	<0.5	<1	<0.1	<0.5	<1	<1
WS02355	163	0.6	<0.5	<1	<0.1	<0.5	<1	<1
WS02357	188	1.7	<0.5	<1	<0.1	<0.5	<1	1
WS02359	313	1.0	<0.5	<1	<0.1	<0.5	<1	1
WS02361	122	1.1	<0.5	<1	<0.1	1.7	<1	<1
WS02363	52	0.7	<0.5	<1	<0.1	0.6	<1	2
WS02365	48	0.7	<0.5	<1	<0.1	<0.5	<1	<1
WS02367	185	0.9	<0.5	<1	<0.1	<0.5	<1	<1
WS02369	160	0.9	<0.5	<1	<0.1	0.6	<1	<1
WS02371	184	4.8	<0.5	<1	<0.1	<0.5	<1	<1
WS02373	16	4.1	1.6	<1	<0.1	3.5	6	<1
WS02375	12	3.5	2.0	<1	<0.1	2.2	6	<1
WS02377	11	3.0	2.2	<1	<0.1	1.7	6	<1
WS02379	11	4.3	1.6	<1	<0.1	1.5	4	<1
WS02381	15	3.4	2.4	<1	<0.1	1.3	7	<1

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS02383	25	4.6	2.8	<1	<0.1	1.3	7	<1
WS02385	14	4.2	2.3	<1	<0.1	1.1	7	<1
WS02387	22	2.0	1.1	<1	<0.1	1.8	1	<1
WS02389	13	1.1	1.0	<1	<0.1	1.9	<1	<1
WS02391	13	2.8	2.9	<1	<0.1	<0.5	3	<1
WS02393	10	4.3	2.7	<1	<0.1	1.1	7	<1
WS02395	10	2.6	1.4	<1	<0.1	1.9	4	<1
WS02397	13	3.1	1.8	<1	<0.1	1.8	5	<1
WS02399	15	3.1	1.8	<1	<0.1	2.2	5	<1
WS02401	17	3.1	1.8	<1	<0.1	1.2	6	<1
WS02403	14	2.9	2.0	<1	<0.1	2.5	5	<1
WS02405	11	3.0	2.1	<1	<0.1	1.3	6	<1
WS02407	14	2.9	1.7	<1	<0.1	2.9	5	<1
WS02409	15	4.3	2.6	<1	<0.1	<0.5	8	<1
WS02411	15	3.0	2.7	<1	<0.1	1.5	5	<1
WS02413	9	2.3	1.6	<1	<0.1	1.9	4	<1
WS02415	59	3.3	1.7	<1	<0.1	1.9	3	<1
WS02417	24	3.5	2.8	<1	<0.1	1.9	6	<1
WS02419	12	3.3	1.3	<1	<0.1	2.7	4	<1
WS02421	12	2.6	1.3	<1	<0.1	2.0	4	<1
WS02423	10	2.9	1.5	<1	<0.1	1.4	3	<1
WS02425	9	3.3	2.0	<1	<0.1	0.6	4	<1
WS02427	15	5.1	2.8	<1	<0.1	1.3	8	<1
WS02429	15	3.7	3.0	<1	<0.1	1.6	8	<1
WS02431	13	3.1	1.4	<1	<0.1	2.2	4	<1
WS02433	18	4.5	1.4	<1	<0.1	0.5	4	<1
WS02435	17	4.8	1.9	<1	<0.1	<0.5	6	<1
WS02437	14	4.2	2.8	<1	<0.1	0.7	6	<1
WS02439	50	0.9	<0.5	<1	<0.1	0.7	<1	<1
WS02441	88	0.9	<0.5	<1	<0.1	3.3	<1	<1
WS02443	161	1.2	<0.5	<1	<0.1	<0.5	<1	<1
WS02445	79	0.7	<0.5	<1	<0.1	1.1	<1	1
WS02447	124	0.6	<0.5	<1	<0.1	4.4	<1	<1
WS02449	64	0.6	<0.5	<1	<0.1	<0.5	<1	<1
WS02451	76	<0.5	<0.5	<1	<0.1	0.7	<1	<1
WS02453	129	0.8	<0.5	<1	<0.1	<0.5	<1	<1
WS02455	47	1.0	3.4	<1	<0.1	5.1	12	1
WS02457	34	2.7	1.3	<1	<0.1	1.3	1	1
WS02459	26	2.3	1.1	<1	<0.1	<0.5	1	<1
WS02461	40	1.7	0.6	<1	<0.1	<0.5	<1	<1

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

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Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS02463	30	3.3	0.6	<1	<0.1	2.4	2	<1
WS02465	44	5.3	2.2	<1	0.1	2.3	5	<1
WS02467	14	2.8	2.2	<1	<0.1	2.7	4	<1
WS02469	17	4.5	1.8	<1	0.1	2.9	5	<1
*Rep WS02319	17	6.4	3.0	<1	<0.1	<0.5	10	<1
*Rep WS02347	16	6.6	3.2	<1	<0.1	2.1	9	<1
*Rep WS02369	165	0.8	<0.5	<1	<0.1	1.9	<1	<1
*Rep WS02397	12	3.2	1.5	<1	<0.1	1.3	5	<1
*Rep WS02441	61	<0.5	<0.5	<1	<0.1	1.3	<1	<1
*Rep WS02445	73	0.6	<0.5	<1	<0.1	<0.5	<1	1
*Std MMISRM19	6	<0.5	13.2	2	<0.1	89.2	4	1
*Std AMIS0169	37	8.8	43.3	<1	<0.1	41.4	396	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

Report File No.: 0000019567

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS02303	34.7	3700	<2	0.8	4	16	0.4	129
WS02305	10.4	500	<2	0.7	8	10	0.7	48
WS02307	9.0	400	3	<0.5	9	12	1.6	166
WS02309	4.3	300	<2	0.6	11	15	1.4	75
WS02311	13.1	300	3	<0.5	11	16	2.3	246
WS02313	13.4	200	3	<0.5	7	10	1.1	29
WS02315	10.2	200	8	<0.5	6	11	2.1	178
WS02317	26.2	400	<2	<0.5	15	14	1.6	74
WS02319	35.6	400	<2	<0.5	12	18	1.1	31
WS02321	24.6	500	<2	<0.5	15	24	1.2	101
WS02323	24.0	500	4	<0.5	8	20	1.7	359
WS02325	66.7	9900	2	<0.5	<1	21	0.6	93
WS02327	61.1	9000	<2	<0.5	<1	24	0.4	21
WS02329	34.2	7500	<2	<0.5	<1	22	0.4	35
WS02331	71.0	11300	4	<0.5	<1	170	0.3	17
WS02333	36.6	9600	<2	<0.5	1	21	0.4	55
WS02335	12.6	700	3	<0.5	8	16	1.7	504
WS02337	10.3	100	5	<0.5	15	16	3.5	326
WS02339	12.4	300	<2	<0.5	5	16	1.3	17
WS02341	11.1	500	<2	<0.5	14	21	1.5	65
WS02343	7.3	<100	<2	<0.5	16	17	1.1	30
WS02345	5.6	600	<2	<0.5	7	14	1.0	54
WS02347	12.3	100	<2	<0.5	16	17	1.2	41
WS02349	6.1	<100	<2	<0.5	8	10	1.2	109
WS02351	13.5	1900	3	<0.5	12	22	1.0	110
WS02353	23.9	2100	3	<0.5	2	21	0.5	43
WS02355	22.7	2600	6	<0.5	<1	16	0.2	6
WS02357	35.6	4200	8	<0.5	1	26	0.5	35
WS02359	10.4	1000	3	<0.5	<1	12	0.5	6
WS02361	24.8	2700	4	<0.5	<1	16	0.6	7
WS02363	34.6	2300	9	<0.5	<1	16	0.6	19
WS02365	34.5	1500	6	<0.5	<1	13	0.6	5
WS02367	21.4	5000	4	<0.5	<1	12	0.5	6
WS02369	17.6	3500	3	<0.5	<1	12	0.4	<5
WS02371	18.7	4000	<2	<0.5	<1	12	0.5	29
WS02373	8.1	<100	<2	<0.5	10	13	1.1	74
WS02375	5.1	<100	<2	<0.5	9	11	1.3	55
WS02377	6.9	500	<2	<0.5	10	10	1.1	86
WS02379	7.4	400	<2	<0.5	7	10	1.4	40
WS02381	7.6	400	<2	<0.5	11	12	1.3	108

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

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Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS02383	9.8	700	3	<0.5	12	13	1.7	150
WS02385	8.2	200	<2	<0.5	12	25	1.4	40
WS02387	45.0	4400	<2	1.6	2	13	0.4	341
WS02389	39.4	1500	<2	1.0	2	14	0.7	71
WS02391	25.6	2000	<2	0.5	8	10	0.8	92
WS02393	6.8	300	<2	<0.5	12	9	1.6	50
WS02395	3.8	<100	<2	<0.5	6	9	1.2	116
WS02397	4.3	<100	<2	<0.5	8	9	1.4	70
WS02399	4.5	<100	<2	<0.5	8	8	1.5	118
WS02401	6.3	200	<2	<0.5	9	12	1.5	81
WS02403	9.6	200	<2	<0.5	8	13	1.4	111
WS02405	7.4	300	2	<0.5	8	12	1.3	67
WS02407	5.7	200	<2	<0.5	7	9	1.0	78
WS02409	8.2	400	2	<0.5	12	14	1.4	43
WS02411	7.3	200	<2	<0.5	10	11	1.1	32
WS02413	4.5	200	<2	<0.5	7	9	1.0	47
WS02415	6.4	200	<2	<0.5	6	8	1.0	54
WS02417	9.8	500	<2	<0.5	11	14	1.4	79
WS02419	8.2	400	<2	<0.5	7	12	0.8	105
WS02421	5.8	500	<2	<0.5	6	11	1.4	44
WS02423	3.8	<100	<2	<0.5	6	10	1.0	67
WS02425	6.3	<100	<2	<0.5	8	11	1.1	49
WS02427	9.9	300	<2	<0.5	14	14	1.4	118
WS02429	10.0	900	<2	<0.5	13	13	1.4	127
WS02431	10.1	600	<2	<0.5	7	12	0.7	61
WS02433	9.2	200	<2	<0.5	7	10	0.6	59
WS02435	11.1	<100	<2	<0.5	9	8	0.6	24
WS02437	19.2	400	<2	<0.5	10	11	2.1	76
WS02439	28.6	3800	3	<0.5	1	13	0.5	13
WS02441	24.8	2800	3	<0.5	<1	11	0.6	66
WS02443	22.3	2100	3	<0.5	<1	12	0.8	8
WS02445	32.5	1800	7	<0.5	<1	13	0.6	7
WS02447	27.0	2100	<2	<0.5	<1	16	0.8	86
WS02449	28.6	1600	5	<0.5	<1	14	0.5	<5
WS02451	30.9	1800	6	<0.5	<1	14	0.5	5
WS02453	26.4	2100	7	<0.5	<1	13	0.5	<5
WS02455	61.5	5100	9	<0.5	17	465	<0.1	138
WS02457	48.2	4400	<2	<0.5	3	25	0.3	65
WS02459	47.8	3100	<2	<0.5	2	17	0.5	49
WS02461	32.0	5000	8	<0.5	1	17	0.4	20

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

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Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS02463	51.9	42400	5	<0.5	3	22	0.4	18
WS02465	8.5	600	<2	<0.5	11	11	1.7	476
WS02467	10.9	1000	<2	<0.5	8	12	1.5	120
WS02469	8.8	300	2	<0.5	8	18	1.7	179
*Rep WS02319	33.7	400	<2	<0.5	14	23	1.4	45
*Rep WS02347	12.0	100	<2	<0.5	15	20	1.2	72
*Rep WS02369	16.9	4900	3	<0.5	<1	12	0.4	14
*Rep WS02397	3.7	<100	<2	<0.5	7	11	1.5	56
*Rep WS02441	24.8	2100	3	<0.5	<1	16	0.6	32
*Rep WS02445	31.1	1900	13	<0.5	<1	11	0.6	<5
*Std MMISRM19	220	7600	10	<0.5	19	2250	0.3	1080
*Std AMIS0169	30.0	3900	3	3.9	364	411	2.8	106
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	0.7	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02303	<1	0.9	<0.1	9	<0.5	<5	1	<1
WS02305	<1	1.8	<0.1	1	<0.5	<5	2	<1
WS02307	<1	1.7	<0.1	3	<0.5	<5	2	<1
WS02309	<1	2.3	<0.1	5	<0.5	<5	2	<1
WS02311	<1	2.1	<0.1	32	<0.5	<5	2	<1
WS02313	<1	1.5	<0.1	6	<0.5	<5	2	<1
WS02315	<1	1.3	<0.1	35	<0.5	<5	1	<1
WS02317	<1	3.2	<0.1	2	<0.5	5	3	<1
WS02319	<1	2.5	<0.1	2	<0.5	<5	3	<1
WS02321	<1	3.6	<0.1	7	<0.5	<5	3	<1
WS02323	<1	1.9	<0.1	24	<0.5	<5	2	<1
WS02325	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
WS02327	<1	<0.5	<0.1	7	<0.5	<5	<1	<1
WS02329	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02331	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02333	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02335	<1	2.0	<0.1	13	<0.5	<5	2	<1
WS02337	<1	3.4	<0.1	7	<0.5	5	3	<1
WS02339	<1	1.0	<0.1	2	<0.5	<5	1	<1
WS02341	<1	3.0	<0.1	5	<0.5	<5	3	<1
WS02343	<1	3.4	<0.1	4	<0.5	<5	3	<1
WS02345	<1	1.7	<0.1	9	<0.5	<5	2	<1
WS02347	<1	3.4	<0.1	5	<0.5	<5	4	<1
WS02349	<1	1.7	<0.1	7	<0.5	<5	2	<1
WS02351	<1	3.0	<0.1	6	<0.5	<5	3	<1
WS02353	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02355	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02357	<1	<0.5	<0.1	6	<0.5	<5	<1	<1
WS02359	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
WS02361	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
WS02363	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02365	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02367	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
WS02369	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02371	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
WS02373	<1	2.2	<0.1	10	<0.5	<5	2	<1
WS02375	<1	2.0	<0.1	9	<0.5	<5	2	<1
WS02377	<1	2.3	<0.1	7	<0.5	<5	2	<1
WS02379	<1	1.5	<0.1	4	<0.5	<5	2	<1
WS02381	<1	2.9	<0.1	3	<0.5	<5	3	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02383	<1	3.0	<0.1	3	<0.5	<5	3	<1
WS02385	<1	2.7	<0.1	4	<0.5	<5	2	<1
WS02387	<1	0.6	<0.1	6	<0.5	<5	<1	1
WS02389	<1	<0.5	<0.1	8	<0.5	<5	<1	1
WS02391	<1	1.6	<0.1	3	<0.5	<5	3	<1
WS02393	<1	2.6	<0.1	3	<0.5	<5	3	<1
WS02395	<1	1.4	<0.1	9	<0.5	<5	1	<1
WS02397	<1	1.6	<0.1	7	<0.5	<5	2	<1
WS02399	<1	1.7	<0.1	10	<0.5	<5	2	<1
WS02401	<1	2.1	<0.1	4	<0.5	<5	2	<1
WS02403	<1	1.8	<0.1	10	<0.5	<5	2	<1
WS02405	<1	1.9	<0.1	4	<0.5	<5	2	<1
WS02407	<1	1.5	<0.1	14	<0.5	<5	2	<1
WS02409	<1	2.5	<0.1	2	<0.5	<5	3	<1
WS02411	<1	2.0	<0.1	7	<0.5	<5	2	<1
WS02413	<1	1.3	<0.1	7	<0.5	<5	2	<1
WS02415	<1	1.3	<0.1	6	<0.5	<5	2	<1
WS02417	<1	2.2	<0.1	5	<0.5	<5	3	<1
WS02419	<1	1.6	<0.1	10	<0.5	<5	1	<1
WS02421	<1	1.4	<0.1	9	<0.5	<5	1	<1
WS02423	<1	1.3	<0.1	6	<0.5	<5	1	<1
WS02425	<1	1.9	<0.1	3	<0.5	<5	3	<1
WS02427	<1	3.3	<0.1	4	<0.5	<5	3	<1
WS02429	<1	3.3	<0.1	5	<0.5	<5	3	<1
WS02431	<1	1.6	<0.1	8	<0.5	<5	2	<1
WS02433	<1	1.5	<0.1	4	<0.5	<5	2	<1
WS02435	<1	2.2	<0.1	<1	<0.5	<5	2	<1
WS02437	<1	2.1	<0.1	6	<0.5	<5	2	<1
WS02439	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02441	<1	<0.5	<0.1	10	<0.5	<5	<1	<1
WS02443	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02445	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02447	<1	<0.5	<0.1	12	<0.5	<5	<1	<1
WS02449	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02451	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02453	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02455	<1	4.1	<0.1	41	<0.5	<5	3	<1
WS02457	<1	0.5	<0.1	6	<0.5	<5	<1	<1
WS02459	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
WS02461	<1	<0.5	<0.1	2	<0.5	<5	<1	<1

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

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Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02463	<1	0.6	<0.1	14	0.6	<5	<1	<1
WS02465	<1	2.4	<0.1	8	<0.5	<5	2	<1
WS02467	<1	1.5	<0.1	10	<0.5	<5	2	<1
WS02469	<1	1.9	<0.1	13	<0.5	<5	2	<1
*Rep WS02319	<1	3.6	<0.1	3	<0.5	<5	3	<1
*Rep WS02347	<1	3.0	<0.1	5	<0.5	<5	3	<1
*Rep WS02369	<1	<0.5	<0.1	6	<0.5	<5	<1	<1
*Rep WS02397	<1	1.6	<0.1	7	<0.5	<5	2	<1
*Rep WS02441	<1	<0.5	<0.1	5	<0.5	<5	<1	<1
*Rep WS02445	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
*Std MMISRM19	<1	2.7	<0.1	203	1.3	12	9	<1
*Std AMIS0169	<1	98.1	0.2	250	0.9	57	64	1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02303	170	<1	0.3	20	0.9	10	0.4	1.2
WS02305	100	<1	0.3	10	1.9	20	0.4	0.8
WS02307	70	<1	0.3	<10	2.8	20	0.3	0.9
WS02309	40	<1	0.3	<10	3.4	50	0.4	1.0
WS02311	50	<1	0.3	<10	3.3	30	0.6	1.3
WS02313	70	<1	0.2	10	3.5	30	0.3	1.4
WS02315	40	<1	0.1	10	4.3	40	0.4	2.1
WS02317	70	<1	0.5	<10	4.3	40	0.2	1.2
WS02319	70	<1	0.3	<10	3.5	50	0.2	1.5
WS02321	110	<1	0.4	<10	3.4	30	0.2	1.3
WS02323	100	<1	0.2	<10	2.7	40	0.2	1.7
WS02325	100	<1	<0.1	<10	<0.5	<10	0.2	<0.5
WS02327	210	<1	<0.1	<10	<0.5	<10	0.3	0.5
WS02329	160	<1	<0.1	<10	<0.5	<10	0.2	0.7
WS02331	220	<1	<0.1	<10	<0.5	10	0.2	43.7
WS02333	200	<1	<0.1	<10	<0.5	20	<0.1	2.2
WS02335	70	<1	0.2	<10	2.4	30	0.4	1.0
WS02337	70	<1	0.5	<10	5.0	60	0.3	2.0
WS02339	140	<1	0.1	<10	<0.5	10	<0.1	<0.5
WS02341	110	<1	0.4	<10	2.8	50	<0.1	1.0
WS02343	40	<1	0.5	<10	3.0	60	<0.1	1.1
WS02345	40	<1	0.2	<10	2.0	40	<0.1	0.8
WS02347	80	<1	0.4	<10	3.2	50	<0.1	1.2
WS02349	40	<1	0.2	<10	1.9	30	<0.1	0.6
WS02351	80	<1	0.2	<10	2.4	20	<0.1	1.0
WS02353	110	<1	<0.1	<10	<0.5	<10	<0.1	1.0
WS02355	140	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02357	280	<1	<0.1	<10	<0.5	<10	<0.1	0.5
WS02359	60	<1	<0.1	<10	<0.5	10	<0.1	0.7
WS02361	80	<1	<0.1	<10	<0.5	<10	<0.1	0.7
WS02363	200	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02365	190	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02367	60	<1	<0.1	<10	<0.5	<10	<0.1	0.7
WS02369	70	<1	<0.1	<10	<0.5	<10	<0.1	0.8
WS02371	50	<1	<0.1	<10	<0.5	<10	<0.1	0.9
WS02373	40	<1	0.3	<10	3.6	50	<0.1	1.1
WS02375	40	<1	0.3	<10	2.6	40	<0.1	0.8
WS02377	50	<1	0.3	<10	2.3	40	<0.1	0.6
WS02379	60	<1	0.2	<10	1.9	40	<0.1	0.7
WS02381	60	<1	0.3	<10	2.6	30	<0.1	0.9

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02383	60	<1	0.4	<10	4.1	60	<0.1	0.8
WS02385	70	<1	0.4	<10	2.6	60	<0.1	1.3
WS02387	100	<1	0.2	20	1.8	<10	0.4	0.8
WS02389	120	<1	0.2	10	1.4	20	0.5	<0.5
WS02391	90	<1	0.5	10	1.1	20	0.4	1.0
WS02393	70	<1	0.4	10	2.9	30	0.3	0.9
WS02395	50	<1	0.2	10	2.3	20	0.3	0.5
WS02397	60	<1	0.3	<10	2.5	30	0.2	0.6
WS02399	60	<1	0.3	<10	2.8	40	0.3	0.7
WS02401	70	<1	0.3	<10	2.8	40	0.3	0.8
WS02403	60	<1	0.3	10	2.1	40	0.2	0.7
WS02405	50	<1	0.3	<10	4.9	50	<0.1	0.9
WS02407	50	<1	0.2	10	3.2	30	0.1	0.8
WS02409	40	<1	0.4	<10	3.7	30	<0.1	1.1
WS02411	40	<1	0.4	<10	1.8	20	0.1	0.5
WS02413	40	<1	0.2	<10	1.6	20	0.2	<0.5
WS02415	60	<1	0.2	<10	1.7	30	0.1	1.1
WS02417	60	<1	0.4	<10	2.3	30	0.1	1.1
WS02419	50	<1	0.2	<10	2.0	20	<0.1	0.6
WS02421	50	<1	0.2	<10	1.7	30	<0.1	0.7
WS02423	50	<1	0.2	<10	1.9	30	<0.1	<0.5
WS02425	60	<1	0.3	<10	1.8	30	<0.1	0.8
WS02427	70	<1	0.4	<10	3.5	50	<0.1	0.9
WS02429	60	<1	0.5	<10	3.5	70	<0.1	1.3
WS02431	30	<1	0.3	<10	2.6	30	<0.1	0.8
WS02433	50	<1	0.2	<10	2.9	20	<0.1	0.7
WS02435	50	<1	0.3	<10	2.6	20	<0.1	1.0
WS02437	80	<1	0.4	<10	2.5	70	<0.1	1.1
WS02439	110	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02441	100	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02443	110	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02445	170	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02447	100	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02449	140	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02451	140	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
WS02453	100	<1	<0.1	<10	<0.5	<10	<0.1	0.5
WS02455	260	<1	0.4	<10	7.3	<10	0.3	10.0
WS02457	180	<1	0.1	<10	<0.5	40	<0.1	1.7
WS02459	110	<1	0.1	<10	<0.5	10	<0.1	0.8
WS02461	190	<1	<0.1	<10	<0.5	<10	<0.1	0.6

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02463	120	<1	<0.1	<10	<0.5	20	0.4	1.0
WS02465	60	<1	0.3	<10	3.9	30	0.2	0.9
WS02467	110	<1	0.2	<10	0.9	20	<0.1	0.5
WS02469	60	<1	0.3	<10	3.1	30	<0.1	1.2
*Rep WS02319	50	<1	0.5	<10	3.6	50	0.1	1.7
*Rep WS02347	90	<1	0.4	<10	2.6	40	<0.1	1.2
*Rep WS02369	60	<1	<0.1	<10	<0.5	<10	<0.1	0.7
*Rep WS02397	50	<1	0.3	<10	2.4	30	0.3	0.8
*Rep WS02441	120	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Rep WS02445	150	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Std MMISRM19	3590	<1	2.3	<10	17.3	<10	1.1	60.5
*Std AMIS0169	60	<1	5.8	<10	74.3	360	1.1	25.1
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	0.2	<0.5
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Blk BLANK	<10	<1	<0.1	<10	0.6	<10	<0.1	<0.5
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

Report File No.: 0000019567

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS02303	<0.5	8	1.3	660	<2
WS02305	<0.5	8	1.1	530	6
WS02307	<0.5	7	0.7	560	6
WS02309	<0.5	10	1.1	550	8
WS02311	<0.5	10	0.9	730	6
WS02313	<0.5	7	0.7	750	9
WS02315	<0.5	6	0.6	210	9
WS02317	<0.5	12	1.2	820	7
WS02319	<0.5	9	0.7	330	6
WS02321	<0.5	11	1.3	1320	8
WS02323	<0.5	9	1.0	810	14
WS02325	<0.5	2	0.3	240	<2
WS02327	<0.5	2	0.4	210	<2
WS02329	<0.5	1	0.3	520	<2
WS02331	<0.5	2	0.2	120	<2
WS02333	<0.5	4	0.9	490	<2
WS02335	<0.5	9	0.9	1130	8
WS02337	<0.5	12	1.4	630	15
WS02339	<0.5	5	0.4	190	<2
WS02341	<0.5	11	1.0	3610	14
WS02343	<0.5	13	1.0	600	9
WS02345	<0.5	7	0.7	2690	7
WS02347	<0.5	12	1.2	260	9
WS02349	<0.5	7	0.6	2000	9
WS02351	<0.5	11	0.9	1190	9
WS02353	<0.5	4	0.7	150	<2
WS02355	<0.5	<1	<0.2	550	<2
WS02357	<0.5	2	0.4	1620	<2
WS02359	<0.5	1	0.3	290	<2
WS02361	<0.5	2	0.2	110	<2
WS02363	<0.5	2	0.2	120	<2
WS02365	<0.5	1	<0.2	20	<2
WS02367	<0.5	1	0.2	80	<2
WS02369	<0.5	2	0.3	330	<2
WS02371	<0.5	4	0.8	120	<2
WS02373	<0.5	8	0.9	1180	13
WS02375	<0.5	7	0.9	1410	12
WS02377	<0.5	8	0.7	1670	12
WS02379	<0.5	6	0.7	900	11
WS02381	<0.5	9	1.0	1460	8

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

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Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS02383	<0.5	12	1.1	1680	14
WS02385	<0.5	10	0.9	420	6
WS02387	<0.5	3	0.3	590	<2
WS02389	<0.5	3	0.3	420	<2
WS02391	<0.5	11	1.4	290	<2
WS02393	<0.5	11	0.9	330	6
WS02395	<0.5	5	0.5	1370	7
WS02397	<0.5	6	0.5	1390	7
WS02399	<0.5	6	0.7	1890	9
WS02401	<0.5	8	0.8	1400	9
WS02403	<0.5	7	0.7	780	7
WS02405	<0.5	6	0.7	990	9
WS02407	<0.5	6	0.5	620	7
WS02409	<0.5	11	1.3	520	7
WS02411	<0.5	10	1.0	460	4
WS02413	<0.5	6	0.4	670	4
WS02415	<0.5	9	1.1	970	6
WS02417	<0.5	11	1.3	840	6
WS02419	<0.5	7	0.6	1170	7
WS02421	<0.5	6	0.6	1670	7
WS02423	<0.5	5	0.5	1320	6
WS02425	<0.5	7	0.7	1170	7
WS02427	<0.5	12	1.1	800	8
WS02429	<0.5	12	1.1	1370	10
WS02431	<0.5	7	0.9	1150	11
WS02433	<0.5	6	0.7	690	5
WS02435	<0.5	9	0.8	740	5
WS02437	<0.5	10	1.1	750	8
WS02439	<0.5	2	0.3	150	<2
WS02441	<0.5	2	0.2	240	<2
WS02443	<0.5	1	0.2	230	<2
WS02445	<0.5	1	<0.2	100	<2
WS02447	<0.5	1	<0.2	690	<2
WS02449	<0.5	1	<0.2	80	<2
WS02451	<0.5	<1	<0.2	100	<2
WS02453	<0.5	<1	<0.2	200	<2
WS02455	<0.5	21	1.8	1140	10
WS02457	<0.5	8	1.1	1070	3
WS02459	<0.5	6	1.1	390	<2
WS02461	<0.5	2	0.3	350	<2

Final : VC163210 Order: West Porcupine-GTA/334 Samples (3 of 4)

Report File No.: 0000019567

Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS02463	<0.5	4	0.9	1150	4
WS02465	<0.5	10	0.9	940	11
WS02467	<0.5	7	0.7	1110	3
WS02469	<0.5	8	0.9	820	7
*Rep WS02319	<0.5	11	1.2	450	8
*Rep WS02347	<0.5	12	1.1	360	8
*Rep WS02369	<0.5	2	0.3	440	<2
*Rep WS02397	<0.5	6	0.8	1030	10
*Rep WS02441	<0.5	1	<0.2	160	<2
*Rep WS02445	<0.5	1	<0.2	50	<2
*Std MMISRM19	<0.5	66	5.8	2360	12
*Std AMIS0169	1.1	119	9.9	200	54
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2

Certificate of Analysis
Work Order : VC163211
[Report File No.: 0000019568]

Date: October 25, 2016

To: **SHARON ALLAN**
PROBE METALS INC
56 TEMPERANCE ST SUITE 1000
TORONTO ON M5H 3V5

P.O. No.: West Porcupine-GTA/334 Samples (4 of 4)
Project No.: -
Samples: 82
Received: Oct 11, 2016
Pages: Page 1 to 22
(Inclusive of Cover Sheet)

Methods Summary

No. Of Samples	Method Code	Description
82	G_LOG02	Pre-preparation processing, sorting, logging, boxing
82	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Storage: Pulp & Reject
REJECT STORAGE : DISCARD

Certified By :
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

Report File No.: 0000019568

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
WS02471	<0.5	26	<10	<0.1	100	0.6	47	7
WS02473	<0.5	26	<10	<0.1	80	1.1	26	8
WS02475	<0.5	19	<10	<0.1	90	0.7	38	12
WS02477	<0.5	20	<10	<0.1	50	0.7	30	5
WS02479	<0.5	29	<10	<0.1	70	<0.5	40	6
WS02481	<0.5	18	<10	<0.1	60	<0.5	91	3
WS02483	<0.5	16	<10	<0.1	80	<0.5	117	5
WS02485	<0.5	8	<10	<0.1	90	<0.5	70	4
WS02487	<0.5	9	<10	<0.1	90	<0.5	176	3
WS02489	<0.5	5	<10	<0.1	90	<0.5	197	6
WS02491	<0.5	9	<10	<0.1	60	<0.5	109	6
WS02493	<0.5	9	<10	<0.1	60	<0.5	151	3
WS02495	<0.5	19	<10	<0.1	80	<0.5	105	9
WS02497	<0.5	16	<10	<0.1	100	0.9	43	10
WS02499	<0.5	34	<10	<0.1	110	<0.5	61	9
WS01733	0.5	42	<10	<0.1	170	<0.5	384	5
WS01735	<0.5	40	<10	<0.1	100	<0.5	161	21
WS01737	<0.5	61	<10	<0.1	120	<0.5	156	25
WS01739	<0.5	28	<10	<0.1	100	<0.5	236	6
WS01741	<0.5	26	<10	<0.1	80	<0.5	244	7
WS01743	0.6	29	<10	<0.1	90	<0.5	239	2
WS01745	<0.5	38	<10	<0.1	110	<0.5	246	5
WS01747	<0.5	25	<10	<0.1	100	<0.5	198	8
WS01749	<0.5	36	<10	<0.1	110	<0.5	228	12
W1477001	<0.5	25	<10	<0.1	80	<0.5	166	4
W1477003	<0.5	34	20	<0.1	90	<0.5	325	6
W1477005	0.6	29	<10	<0.1	60	<0.5	313	13
W1477007	<0.5	19	<10	<0.1	50	<0.5	405	4
W1477009	<0.5	17	<10	<0.1	80	<0.5	304	4
W1477011	<0.5	14	70	<0.1	70	<0.5	216	2
W1477013	<0.5	10	10	<0.1	60	<0.5	167	2
W1477015	<0.5	12	<10	<0.1	70	<0.5	190	2
W1477017	<0.5	11	<10	<0.1	130	<0.5	151	4
W1477019	<0.5	5	<10	<0.1	80	<0.5	138	4
W1477021	<0.5	4	<10	<0.1	160	<0.5	246	1
W1477023	<0.5	3	<10	<0.1	180	<0.5	249	2
W1477025	<0.5	6	<10	<0.1	100	<0.5	78	3
W1477027	<0.5	5	<10	<0.1	110	<0.5	61	<1
W1477029	<0.5	18	<10	<0.1	80	<0.5	178	3
W1477031	<0.5	11	<10	<0.1	70	<0.5	157	2

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

Report File No.: 0000019568

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
W1477033	<0.5	4	<10	<0.1	90	<0.5	161	1
W1477035	<0.5	6	<10	<0.1	130	<0.5	229	3
W1477037	<0.5	4	10	<0.1	50	<0.5	136	<1
W1477039	<0.5	19	<10	<0.1	40	<0.5	152	2
W1477041	<0.5	5	20	<0.1	60	<0.5	199	2
W1477043	<0.5	4	10	<0.1	30	<0.5	190	2
W1477045	<0.5	28	<10	<0.1	90	<0.5	184	2
W1477047	<0.5	28	<10	<0.1	90	<0.5	191	3
W1477049	<0.5	10	<10	<0.1	110	<0.5	86	<1
W1477051	<0.5	19	<10	<0.1	40	<0.5	289	5
W1477053	<0.5	19	<10	<0.1	80	<0.5	350	4
W1477055	1.1	44	<10	<0.1	90	<0.5	299	1
W1477057	<0.5	20	<10	<0.1	80	<0.5	50	4
W1477059	<0.5	15	<10	<0.1	60	<0.5	48	5
W1477061	<0.5	19	<10	<0.1	70	<0.5	59	3
W1477201	<0.5	24	<10	<0.1	130	<0.5	92	7
W1477203	<0.5	27	<10	<0.1	80	<0.5	102	7
W1477205	<0.5	33	<10	<0.1	130	<0.5	84	7
W1477207	<0.5	28	<10	<0.1	120	<0.5	235	2
W1477209	<0.5	14	<10	<0.1	110	<0.5	153	10
W1477211	<0.5	31	<10	<0.1	110	<0.5	66	6
W1477213	<0.5	27	<10	<0.1	120	<0.5	43	2
W1477215	<0.5	31	<10	<0.1	90	<0.5	57	4
W1477217	<0.5	14	<10	<0.1	50	0.6	34	5
W1477219	<0.5	19	<10	<0.1	60	<0.5	45	2
W1477221	<0.5	24	<10	<0.1	110	<0.5	131	5
W1477223	<0.5	25	<10	<0.1	130	<0.5	100	6
W1477225	<0.5	25	<10	<0.1	120	<0.5	88	5
W1477227	<0.5	28	<10	<0.1	110	<0.5	149	6
W1477229	<0.5	30	<10	<0.1	120	<0.5	86	5
W1477231	<0.5	23	<10	<0.1	90	<0.5	56	4
W1477233	<0.5	8	<10	<0.1	130	<0.5	87	6
W1477235	<0.5	6	<10	<0.1	100	<0.5	172	3
W1477237	<0.5	7	10	<0.1	110	<0.5	217	2
W1477239	<0.5	9	<10	<0.1	50	<0.5	247	2
W1477241	<0.5	18	<10	<0.1	70	<0.5	231	7
W1477243	<0.5	20	<10	<0.1	100	<0.5	159	3
W1477245	<0.5	56	<10	<0.1	110	<0.5	148	10
W1477247	<0.5	62	<10	<0.1	160	0.8	251	12
W1477249	<0.5	72	<10	<0.1	140	0.7	231	16

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

Report File No.: 0000019568

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
W1477251	<0.5	38	<10	<0.1	140	1.6	104	17
W1477253	<0.5	20	<10	<0.1	60	<0.5	62	4
*Rep WS01747	<0.5	27	<10	<0.1	90	<0.5	206	7
*Rep W1477023	<0.5	3	10	<0.1	200	<0.5	259	1
*Rep W1477041	<0.5	6	<10	<0.1	60	<0.5	216	2
*Rep W1477215	<0.5	34	<10	<0.1	90	<0.5	65	5
*Rep W1477239	<0.5	9	<10	<0.1	60	<0.5	244	2
*Std MMISRM19	28.6	22	<10	6.6	1380	<0.5	787	40
*Std AMIS0169	10.1	59	10	1.5	630	<0.5	39	2
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	2	<1
*Blk BLANK	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02471	17	5	<100	0.4	10	1.8	1.3	0.5
WS02473	8	5	<100	0.8	<10	1.0	0.8	0.3
WS02475	11	5	<100	0.8	<10	1.0	0.5	0.4
WS02477	5	5	<100	0.3	<10	0.8	0.5	<0.2
WS02479	6	4	<100	0.4	10	1.1	0.5	<0.2
WS02481	13	5	<100	0.3	<10	1.4	0.8	0.3
WS02483	<2	10	<100	<0.2	20	<0.5	0.3	<0.2
WS02485	<2	4	<100	<0.2	20	<0.5	0.2	<0.2
WS02487	<2	1	<100	<0.2	20	<0.5	<0.2	<0.2
WS02489	<2	2	<100	<0.2	20	<0.5	<0.2	<0.2
WS02491	<2	2	<100	<0.2	20	<0.5	0.3	<0.2
WS02493	<2	2	<100	<0.2	20	<0.5	0.3	<0.2
WS02495	<2	7	<100	1.1	10	0.6	1.0	<0.2
WS02497	9	6	<100	0.4	20	1.1	0.7	<0.2
WS02499	21	6	<100	0.4	20	2.0	1.3	0.6
WS01733	16	15	<100	0.5	80	1.9	1.2	0.3
WS01735	7	15	<100	0.9	20	1.8	1.7	0.3
WS01737	5	23	<100	0.5	10	1.9	2.4	<0.2
WS01739	8	11	<100	0.7	10	2.2	1.5	0.4
WS01741	8	9	<100	0.8	10	2.5	1.5	0.5
WS01743	10	3	<100	0.4	20	3.1	1.5	0.5
WS01745	12	6	<100	0.7	10	3.6	2.3	0.6
WS01747	12	6	<100	0.7	<10	3.6	2.2	0.9
WS01749	14	6	<100	0.5	20	3.9	2.8	0.7
W1477001	5	6	<100	0.4	<10	1.3	1.0	<0.2
W1477003	7	16	<100	1.2	<10	2.2	1.6	0.4
W1477005	5	51	<100	<0.2	1100	1.1	1.6	<0.2
W1477007	<2	14	<100	<0.2	50	<0.5	0.2	<0.2
W1477009	2	22	<100	<0.2	50	0.5	0.5	<0.2
W1477011	3	31	<100	0.2	40	<0.5	0.4	<0.2
W1477013	3	18	<100	<0.2	40	0.5	0.3	<0.2
W1477015	3	7	<100	<0.2	30	0.5	0.3	<0.2
W1477017	<2	3	<100	<0.2	20	<0.5	0.4	<0.2
W1477019	<2	3	<100	<0.2	40	<0.5	<0.2	<0.2
W1477021	<2	1	<100	<0.2	20	<0.5	<0.2	<0.2
W1477023	<2	2	<100	<0.2	20	<0.5	0.2	<0.2
W1477025	<2	4	<100	<0.2	20	<0.5	<0.2	<0.2
W1477027	<2	6	<100	<0.2	40	<0.5	<0.2	<0.2
W1477029	<2	13	<100	0.6	10	<0.5	0.3	<0.2
W1477031	2	7	<100	0.3	30	<0.5	0.3	<0.2

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
W1477033	<2	15	<100	<0.2	30	<0.5	<0.2	<0.2
W1477035	<2	14	<100	0.3	10	<0.5	<0.2	<0.2
W1477037	<2	20	<100	0.2	30	<0.5	<0.2	<0.2
W1477039	<2	8	<100	0.3	<10	0.7	0.5	<0.2
W1477041	<2	16	<100	<0.2	40	<0.5	<0.2	<0.2
W1477043	<2	9	<100	<0.2	20	<0.5	<0.2	<0.2
W1477045	<2	23	<100	<0.2	50	<0.5	0.2	<0.2
W1477047	15	9	<100	<0.2	<10	2.8	1.6	0.7
W1477049	<2	42	<100	0.5	<10	<0.5	<0.2	<0.2
W1477051	3	16	<100	<0.2	40	0.6	0.6	<0.2
W1477053	21	78	<100	0.2	630	1.5	0.9	0.4
W1477055	2	68	<100	0.2	370	<0.5	0.6	<0.2
W1477057	16	6	<100	<0.2	10	1.6	0.9	0.4
W1477059	11	4	<100	0.2	10	1.5	0.9	0.3
W1477061	14	6	<100	1.2	<10	1.6	0.9	0.4
W1477201	17	6	<100	0.3	30	1.8	1.0	0.4
W1477203	18	6	<100	0.4	<10	1.9	1.0	0.3
W1477205	21	8	<100	0.3	30	2.7	1.6	0.6
W1477207	3	1	<100	0.5	<10	0.8	0.6	<0.2
W1477209	<2	8	<100	0.4	20	<0.5	0.5	<0.2
W1477211	9	10	<100	0.3	10	1.4	0.9	0.2
W1477213	6	7	<100	<0.2	<10	0.7	0.6	<0.2
W1477215	10	6	<100	0.4	<10	1.0	0.9	0.2
W1477217	9	6	<100	0.5	<10	1.1	0.8	0.3
W1477219	12	5	<100	<0.2	10	1.1	0.6	0.3
W1477221	17	7	<100	<0.2	10	1.8	0.9	0.6
W1477223	21	5	<100	0.4	10	2.1	1.1	0.5
W1477225	22	8	<100	<0.2	10	2.6	1.3	0.7
W1477227	18	6	<100	0.3	<10	1.8	0.9	0.5
W1477229	22	7	<100	0.5	20	2.3	1.6	0.5
W1477231	11	5	<100	0.3	<10	1.3	0.7	0.4
W1477233	<2	4	<100	0.8	10	<0.5	<0.2	<0.2
W1477235	<2	8	<100	0.7	10	<0.5	0.2	<0.2
W1477237	<2	3	<100	<0.2	10	<0.5	<0.2	<0.2
W1477239	<2	16	<100	0.2	20	<0.5	0.3	<0.2
W1477241	<2	32	<100	0.4	30	<0.5	0.3	<0.2
W1477243	<2	43	<100	<0.2	90	<0.5	0.4	<0.2
W1477245	11	26	<100	1.1	10	1.9	1.3	0.3
W1477247	38	51	<100	0.6	100	5.7	4.5	1.2
W1477249	37	57	<100	1.1	120	7.7	5.3	1.6

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

Report File No.: 0000019568

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
W1477251	30	10	<100	1.2	20	2.9	1.5	0.8
W1477253	15	6	<100	0.3	10	1.7	0.9	0.5
*Rep WS01747	12	5	<100	0.6	10	3.6	2.2	0.8
*Rep W1477023	<2	2	<100	<0.2	30	<0.5	<0.2	<0.2
*Rep W1477041	2	10	<100	<0.2	20	<0.5	<0.2	<0.2
*Rep W1477215	11	7	<100	0.3	<10	1.2	0.6	<0.2
*Rep W1477239	<2	17	<100	<0.2	20	<0.5	<0.2	<0.2
*Std MMISRM19	21	391	<100	4.8	2300	12.8	7.4	2.5
*Std AMIS0169	758	102	100	7.6	4510	28.5	12.7	11.6
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
*Blk BLANK	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
WS02471	16	4.3	2.5	<1	<0.1	1.2	6	<1
WS02473	22	4.5	1.1	<1	<0.1	2.4	3	<1
WS02475	19	3.6	1.1	<1	<0.1	1.7	5	<1
WS02477	14	4.1	0.7	<1	<0.1	0.7	2	<1
WS02479	19	4.4	0.8	<1	<0.1	0.8	2	<1
WS02481	16	3.4	2.0	<1	<0.1	1.7	5	<1
WS02483	264	1.4	<0.5	<1	<0.1	0.5	<1	<1
WS02485	364	0.8	<0.5	<1	<0.1	0.6	<1	2
WS02487	197	0.8	<0.5	<1	<0.1	0.7	<1	1
WS02489	158	<0.5	<0.5	<1	<0.1	0.5	<1	2
WS02491	352	1.5	<0.5	<1	<0.1	<0.5	<1	<1
WS02493	284	1.3	<0.5	<1	<0.1	<0.5	<1	<1
WS02495	286	2.0	0.6	<1	<0.1	<0.5	<1	<1
WS02497	20	4.1	1.5	<1	0.2	4.2	3	<1
WS02499	23	5.6	3.2	<1	<0.1	1.9	8	<1
WS01733	41	2.9	1.9	<1	<0.1	3.3	7	8
WS01735	137	8.0	1.3	<1	<0.1	0.7	2	3
WS01737	159	9.1	1.5	<1	<0.1	1.3	2	<1
WS01739	55	4.8	2.0	<1	<0.1	2.0	3	<1
WS01741	40	3.7	2.6	<1	<0.1	1.2	3	<1
WS01743	31	4.2	2.9	<1	<0.1	<0.5	4	<1
WS01745	35	4.0	3.6	<1	<0.1	<0.5	5	<1
WS01747	35	3.2	3.8	<1	<0.1	<0.5	5	<1
WS01749	36	3.1	4.1	<1	<0.1	<0.5	5	<1
W1477001	118	4.5	1.2	<1	<0.1	0.5	1	<1
W1477003	154	6.5	1.7	<1	<0.1	1.7	2	<1
W1477005	125	1.8	1.1	<1	<0.1	0.9	2	<1
W1477007	68	1.7	<0.5	<1	<0.1	2.3	<1	<1
W1477009	108	1.9	<0.5	<1	<0.1	<0.5	<1	<1
W1477011	155	1.7	<0.5	<1	<0.1	1.8	1	<1
W1477013	144	1.5	<0.5	<1	<0.1	0.7	1	<1
W1477015	148	1.1	0.5	<1	<0.1	<0.5	<1	<1
W1477017	247	0.8	<0.5	<1	<0.1	<0.5	<1	<1
W1477019	205	1.1	<0.5	<1	<0.1	0.7	<1	<1
W1477021	114	<0.5	<0.5	<1	<0.1	2.3	<1	3
W1477023	147	<0.5	<0.5	<1	<0.1	2.1	1	1
W1477025	370	0.8	<0.5	<1	<0.1	0.7	<1	2
W1477027	383	0.9	<0.5	<1	<0.1	0.6	<1	<1
W1477029	182	2.6	<0.5	<1	<0.1	0.8	<1	<1
W1477031	162	1.3	<0.5	<1	<0.1	1.2	<1	<1

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
W1477033	126	0.8	<0.5	<1	<0.1	1.4	<1	1
W1477035	98	1.1	<0.5	<1	<0.1	0.7	<1	<1
W1477037	227	0.6	<0.5	<1	<0.1	1.4	<1	<1
W1477039	170	2.4	<0.5	<1	<0.1	0.7	<1	1
W1477041	100	0.6	<0.5	<1	<0.1	1.5	<1	<1
W1477043	84	0.8	<0.5	<1	<0.1	<0.5	<1	<1
W1477045	188	2.0	<0.5	<1	<0.1	0.5	<1	<1
W1477047	11	4.6	3.2	<1	<0.1	0.5	6	<1
W1477049	333	2.1	<0.5	<1	<0.1	1.3	<1	<1
W1477051	96	1.8	0.6	<1	<0.1	0.9	2	<1
W1477053	90	1.4	1.5	<1	<0.1	2.0	8	2
W1477055	280	3.4	<0.5	<1	<0.1	0.9	<1	3
W1477057	15	3.2	2.0	<1	<0.1	3.0	6	<1
W1477059	11	3.0	2.1	<1	<0.1	1.1	5	<1
W1477061	19	3.6	1.8	<1	<0.1	3.4	5	<1
W1477201	20	3.9	2.2	<1	<0.1	0.6	7	<1
W1477203	18	5.5	2.5	<1	<0.1	2.7	7	1
W1477205	22	4.6	3.0	<1	<0.1	1.7	8	<1
W1477207	89	3.7	0.7	<1	<0.1	2.1	1	2
W1477209	252	2.2	<0.5	<1	<0.1	0.6	<1	<1
W1477211	110	5.6	1.3	<1	<0.1	<0.5	3	1
W1477213	112	5.9	0.7	<1	<0.1	<0.5	2	<1
W1477215	120	5.5	1.2	<1	<0.1	1.4	4	<1
W1477217	14	2.7	1.3	<1	<0.1	2.9	4	<1
W1477219	12	3.8	1.5	<1	<0.1	0.7	5	<1
W1477221	12	3.9	2.8	<1	<0.1	<0.5	6	<1
W1477223	16	5.4	2.6	<1	<0.1	1.6	7	<1
W1477225	14	5.3	2.8	<1	<0.1	<0.5	10	<1
W1477227	13	4.7	2.7	<1	<0.1	1.9	8	<1
W1477229	17	4.7	3.9	<1	<0.1	2.3	8	<1
W1477231	33	4.5	1.3	<1	<0.1	2.0	4	<1
W1477233	317	1.2	<0.5	<1	<0.1	<0.5	<1	1
W1477235	170	0.7	<0.5	<1	<0.1	0.5	<1	2
W1477237	125	1.0	<0.5	<1	<0.1	1.2	<1	1
W1477239	75	0.8	<0.5	<1	<0.1	0.5	<1	<1
W1477241	119	2.1	<0.5	<1	<0.1	1.4	<1	<1
W1477243	252	1.8	<0.5	<1	<0.1	0.5	<1	<1
W1477245	297	11.7	1.5	<1	<0.1	4.5	4	<1
W1477247	57	10.4	5.0	<1	<0.1	2.0	13	6
W1477249	55	11.2	7.3	<1	<0.1	1.9	14	6

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

Report File No.: 0000019568

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
W1477251	24	7.1	3.3	<1	0.1	3.6	12	1
W1477253	12	3.8	2.4	<1	<0.1	2.1	6	<1
*Rep WS01747	32	3.4	3.8	<1	<0.1	<0.5	4	<1
*Rep W1477023	155	0.6	<0.5	<1	<0.1	2.3	<1	3
*Rep W1477041	91	0.6	<0.5	<1	<0.1	1.3	<1	<1
*Rep W1477215	127	6.3	1.2	<1	<0.1	1.4	4	<1
*Rep W1477239	81	0.8	<0.5	<1	<0.1	0.5	<1	1
*Std MMISRM19	8	<0.5	15.9	2	<0.1	95.0	4	1
*Std AMIS0169	40	10.2	45.3	<1	<0.1	45.3	409	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
*Blk BLANK	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
WS02471	5.6	<100	<2	1.1	10	10	0.9	48
WS02473	5.8	400	<2	1.0	6	7	0.6	55
WS02475	7.8	<100	2	<0.5	7	10	1.3	58
WS02477	5.8	<100	<2	1.8	3	10	0.4	62
WS02479	5.6	<100	<2	1.4	4	9	0.7	17
WS02481	9.8	200	<2	0.9	8	13	0.8	61
WS02483	16.2	2300	5	<0.5	<1	13	0.6	9
WS02485	10.7	1800	<2	0.6	<1	9	0.7	6
WS02487	24.2	1100	3	0.5	<1	15	0.7	10
WS02489	24.5	1800	3	<0.5	<1	11	0.7	6
WS02491	14.4	1800	2	<0.5	<1	11	0.7	12
WS02493	14.0	2100	<2	<0.5	<1	12	0.7	10
WS02495	11.5	2100	<2	<0.5	1	9	0.6	84
WS02497	10.6	3200	<2	0.5	6	15	2.1	159
WS02499	11.4	1500	2	0.6	14	19	1.9	61
WS01733	43.6	700	5	1.1	9	69	0.3	89
WS01735	20.8	1900	<2	<0.5	5	11	0.5	120
WS01737	14.7	1600	<2	<0.5	4	8	0.9	112
WS01739	20.2	5500	2	<0.5	5	17	0.6	101
WS01741	20.4	2300	<2	<0.5	6	12	0.7	78
WS01743	23.5	1500	4	<0.5	8	16	0.5	48
WS01745	26.0	1700	<2	<0.5	11	13	0.6	54
WS01747	24.0	1700	<2	<0.5	11	11	0.5	51
WS01749	26.0	1700	<2	<0.5	12	12	0.6	46
W1477001	13.6	3800	2	0.6	3	16	0.8	76
W1477003	23.0	2600	4	<0.5	5	27	0.7	87
W1477005	34.9	8700	20	<0.5	3	199	0.2	24
W1477007	45.3	7800	5	<0.5	<1	43	0.2	21
W1477009	30.9	3400	3	<0.5	1	25	0.3	33
W1477011	19.0	5400	3	<0.5	2	25	0.9	24
W1477013	13.1	2300	3	<0.5	2	19	0.7	16
W1477015	18.7	1500	2	<0.5	2	16	0.6	17
W1477017	16.2	1300	2	<0.5	<1	12	0.8	11
W1477019	14.7	1100	2	<0.5	<1	11	0.7	8
W1477021	23.5	1700	5	<0.5	<1	13	0.5	6
W1477023	20.9	2100	13	<0.5	<1	15	0.6	5
W1477025	10.0	2300	<2	<0.5	<1	8	0.4	8
W1477027	6.8	1100	<2	<0.5	<1	10	0.5	7
W1477029	24.0	8400	3	<0.5	1	16	0.4	64
W1477031	16.6	3100	3	<0.5	1	17	0.5	33

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
W1477033	18.7	6700	3	<0.5	<1	13	0.4	7
W1477035	24.5	3700	3	<0.5	<1	16	0.5	25
W1477037	14.7	2700	<2	0.6	<1	13	0.4	11
W1477039	20.3	2700	4	<0.5	1	18	0.5	52
W1477041	18.6	3700	4	<0.5	1	17	0.5	12
W1477043	12.8	2100	5	<0.5	<1	15	0.5	12
W1477045	29.1	1500	<2	<0.5	<1	24	0.6	21
W1477047	51.1	400	<2	0.5	12	19	1.9	60
W1477049	7.8	700	<2	<0.5	<1	11	0.5	<5
W1477051	26.8	7400	11	<0.5	2	89	0.3	25
W1477053	37.5	7600	20	<0.5	11	100	0.4	61
W1477055	79.7	400	3	<0.5	<1	59	0.5	13
W1477057	10.0	900	2	<0.5	10	13	1.2	125
W1477059	10.4	200	<2	<0.5	7	11	1.4	37
W1477061	7.9	<100	2	<0.5	9	12	2.3	71
W1477201	11.4	400	2	<0.5	10	14	1.2	34
W1477203	6.7	100	<2	<0.5	12	17	1.2	40
W1477205	8.4	400	2	<0.5	13	21	1.6	52
W1477207	18.5	900	2	<0.5	2	11	0.7	64
W1477209	21.4	2600	<2	<0.5	<1	11	0.7	15
W1477211	3.3	1000	<2	<0.5	6	12	1.1	28
W1477213	4.0	600	3	<0.5	4	9	1.2	13
W1477215	4.7	500	2	<0.5	6	10	0.9	17
W1477217	6.6	300	<2	<0.5	6	10	0.7	102
W1477219	10.1	200	2	<0.5	7	11	1.1	33
W1477221	26.2	400	<2	<0.5	11	21	1.6	26
W1477223	12.7	<100	<2	<0.5	14	14	1.3	21
W1477225	12.1	100	2	<0.5	13	19	1.1	40
W1477227	15.7	100	<2	<0.5	13	19	1.3	30
W1477229	14.8	<100	<2	<0.5	15	19	1.2	30
W1477231	11.4	500	<2	<0.5	6	11	0.6	22
W1477233	12.0	400	<2	<0.5	<1	9	0.7	30
W1477235	23.0	1000	4	<0.5	<1	12	0.6	28
W1477237	27.7	5700	2	<0.5	<1	15	0.6	9
W1477239	36.5	4200	3	<0.5	<1	19	0.4	12
W1477241	42.0	3900	4	<0.5	<1	23	0.6	40
W1477243	28.7	2200	23	<0.5	<1	49	0.3	13
W1477245	20.9	300	5	<0.5	8	12	1.9	59
W1477247	92.1	1400	<2	1.6	23	31	0.8	187
W1477249	68.2	1700	<2	2.0	25	37	0.8	281

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

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Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
W1477251	15.7	200	4	<0.5	18	24	2.3	227
W1477253	9.3	200	3	<0.5	9	17	1.7	68
*Rep WS01747	24.8	1500	<2	<0.5	9	11	0.5	44
*Rep W1477023	21.7	2400	13	<0.5	<1	17	0.8	5
*Rep W1477041	19.8	3100	4	<0.5	1	15	0.5	13
*Rep W1477215	4.7	500	3	<0.5	6	11	1.0	21
*Rep W1477239	37.0	4500	3	<0.5	<1	20	0.4	12
*Std MMISRM19	234	7600	11	<0.5	20	2110	0.4	1230
*Std AMIS0169	30.2	4100	4	3.4	384	430	2.8	111
*Blk BLANK	<0.5	<100	<2	0.6	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
*Blk BLANK	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02471	<1	2.5	<0.1	5	<0.5	<5	2	<1
WS02473	<1	1.2	<0.1	11	<0.5	<5	1	<1
WS02475	<1	1.6	<0.1	12	<0.5	<5	2	<1
WS02477	<1	0.7	<0.1	4	<0.5	<5	<1	<1
WS02479	<1	0.8	<0.1	4	<0.5	<5	<1	<1
WS02481	<1	1.8	<0.1	6	<0.5	<5	2	<1
WS02483	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02485	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02487	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02489	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02491	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
WS02493	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
WS02495	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
WS02497	<1	1.2	<0.1	9	<0.5	<5	1	<1
WS02499	<1	3.0	<0.1	5	<0.5	6	3	<1
WS01733	<1	2.2	<0.1	12	0.8	5	2	<1
WS01735	<1	0.9	<0.1	5	<0.5	<5	<1	<1
WS01737	<1	0.7	<0.1	5	<0.5	<5	1	<1
WS01739	<1	1.1	<0.1	5	<0.5	<5	2	<1
WS01741	<1	1.2	<0.1	4	<0.5	<5	2	<1
WS01743	<1	1.6	<0.1	2	<0.5	<5	2	<1
WS01745	<1	2.0	<0.1	2	<0.5	<5	3	<1
WS01747	<1	2.3	<0.1	3	<0.5	<5	3	<1
WS01749	<1	2.1	<0.1	2	<0.5	<5	4	<1
W1477001	<1	0.7	<0.1	2	<0.5	<5	<1	<1
W1477003	<1	0.8	<0.1	6	<0.5	<5	1	<1
W1477005	<1	0.6	<0.1	2	1.6	<5	<1	<1
W1477007	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
W1477009	<1	<0.5	<0.1	1	<0.5	<5	<1	<1
W1477011	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
W1477013	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477015	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477017	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
W1477019	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477021	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
W1477023	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
W1477025	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477027	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
W1477029	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
W1477031	<1	<0.5	<0.1	4	0.6	<5	<1	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
W1477033	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477035	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477037	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
W1477039	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
W1477041	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477043	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477045	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477047	<1	2.3	<0.1	2	<0.5	<5	3	<1
W1477049	<1	<0.5	<0.1	6	<0.5	<5	<1	<1
W1477051	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477053	<1	2.3	<0.1	8	0.6	<5	2	<1
W1477055	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
W1477057	<1	2.4	<0.1	6	<0.5	<5	2	<1
W1477059	<1	1.5	<0.1	4	<0.5	<5	2	<1
W1477061	<1	1.8	<0.1	16	<0.5	<5	2	<1
W1477201	<1	2.3	<0.1	3	<0.5	<5	2	<1
W1477203	<1	2.5	<0.1	8	<0.5	<5	3	<1
W1477205	<1	2.9	<0.1	5	<0.5	<5	3	<1
W1477207	<1	<0.5	<0.1	5	<0.5	<5	<1	<1
W1477209	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477211	<1	1.2	<0.1	1	<0.5	<5	2	<1
W1477213	<1	0.7	<0.1	2	<0.5	<5	<1	<1
W1477215	<1	1.3	<0.1	5	<0.5	<5	1	<1
W1477217	<1	1.2	<0.1	10	<0.5	<5	<1	<1
W1477219	<1	1.7	<0.1	3	<0.5	<5	1	<1
W1477221	<1	2.3	<0.1	1	<0.5	<5	2	<1
W1477223	<1	2.9	<0.1	5	<0.5	<5	3	<1
W1477225	<1	2.9	<0.1	2	<0.5	<5	3	<1
W1477227	<1	2.5	<0.1	6	<0.5	<5	2	<1
W1477229	<1	3.2	<0.1	6	<0.5	<5	3	<1
W1477231	<1	1.6	<0.1	6	<0.5	<5	1	<1
W1477233	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477235	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477237	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477239	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477241	<1	<0.5	<0.1	5	<0.5	<5	<1	<1
W1477243	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
W1477245	<1	1.8	<0.1	17	<0.5	5	2	<1
W1477247	<1	4.6	<0.1	13	<0.5	17	5	<1
W1477249	<1	5.4	<0.1	20	<0.5	22	7	<1

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

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Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
W1477251	<1	3.9	<0.1	18	<0.5	6	4	<1
W1477253	<1	1.9	<0.1	5	<0.5	<5	2	<1
*Rep WS01747	<1	2.0	<0.1	2	<0.5	<5	3	<1
*Rep W1477023	<1	<0.5	<0.1	4	<0.5	<5	<1	<1
*Rep W1477041	<1	<0.5	<0.1	3	<0.5	<5	<1	<1
*Rep W1477215	<1	1.6	<0.1	4	<0.5	<5	1	<1
*Rep W1477239	<1	<0.5	<0.1	2	<0.5	<5	<1	<1
*Std MMISRM19	<1	2.8	<0.1	219	1.1	12	9	<1
*Std AMIS0169	<1	99.4	<0.1	261	0.9	60	63	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
*Blk BLANK	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
WS02471	50	<1	0.4	20	4.9	30	0.3	0.8
WS02473	40	<1	0.2	<10	5.3	30	0.5	1.2
WS02475	50	<1	0.2	<10	4.0	20	0.6	0.8
WS02477	30	1	<0.1	<10	3.4	20	0.3	0.7
WS02479	40	1	0.1	<10	4.4	20	0.3	1.3
WS02481	50	<1	0.2	10	2.6	20	0.4	0.8
WS02483	100	<1	<0.1	<10	1.5	<10	0.3	1.0
WS02485	70	<1	<0.1	<10	<0.5	10	0.3	<0.5
WS02487	310	<1	<0.1	<10	<0.5	<10	0.2	<0.5
WS02489	270	<1	<0.1	<10	<0.5	10	0.4	<0.5
WS02491	70	<1	<0.1	<10	<0.5	20	0.3	0.5
WS02493	80	<1	<0.1	<10	<0.5	10	0.3	0.6
WS02495	60	<1	0.1	<10	1.5	10	0.3	0.8
WS02497	60	<1	0.2	<10	1.7	20	0.2	<0.5
WS02499	70	<1	0.4	<10	3.6	50	0.2	1.5
WS01733	620	<1	0.3	<10	4.6	100	0.2	6.7
WS01735	370	<1	0.2	<10	2.1	70	0.3	2.5
WS01737	400	<1	0.2	<10	2.9	60	0.2	1.0
WS01739	420	<1	0.3	<10	0.8	30	0.3	1.1
WS01741	470	<1	0.4	<10	0.6	10	0.1	1.0
WS01743	450	<1	0.4	<10	0.7	20	<0.1	1.0
WS01745	530	<1	0.6	<10	<0.5	20	<0.1	1.8
WS01747	510	<1	0.6	<10	1.6	<10	0.3	1.1
WS01749	550	<1	0.8	<10	0.6	20	<0.1	2.1
W1477001	70	<1	0.2	<10	0.6	40	<0.1	0.9
W1477003	180	<1	0.3	<10	<0.5	20	0.3	0.7
W1477005	190	<1	0.1	<10	1.1	20	0.4	28.0
W1477007	260	<1	<0.1	<10	<0.5	10	<0.1	1.7
W1477009	500	<1	<0.1	<10	<0.5	10	<0.1	1.3
W1477011	200	<1	<0.1	<10	0.7	30	<0.1	1.0
W1477013	250	<1	<0.1	<10	1.0	20	<0.1	1.6
W1477015	370	<1	<0.1	<10	<0.5	20	<0.1	0.7
W1477017	340	<1	<0.1	<10	<0.5	10	0.1	0.7
W1477019	310	<1	<0.1	<10	<0.5	10	0.1	<0.5
W1477021	410	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
W1477023	340	<1	<0.1	<10	<0.5	<10	<0.1	0.6
W1477025	130	<1	<0.1	<10	<0.5	10	<0.1	<0.5
W1477027	90	<1	<0.1	<10	<0.5	10	<0.1	<0.5
W1477029	470	<1	<0.1	<10	<0.5	20	<0.1	0.5
W1477031	390	<1	<0.1	<10	<0.5	20	<0.1	0.8

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
W1477033	440	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
W1477035	580	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
W1477037	130	<1	<0.1	<10	<0.5	10	<0.1	<0.5
W1477039	180	<1	<0.1	<10	<0.5	20	<0.1	1.2
W1477041	210	<1	<0.1	<10	<0.5	<10	0.1	0.6
W1477043	140	<1	<0.1	<10	<0.5	<10	<0.1	0.5
W1477045	620	<1	<0.1	<10	<0.5	60	0.1	1.9
W1477047	70	<1	0.5	<10	2.2	90	0.1	1.3
W1477049	110	<1	<0.1	<10	<0.5	30	0.1	<0.5
W1477051	160	<1	<0.1	<10	0.6	20	<0.1	3.8
W1477053	260	<1	0.2	<10	3.0	50	0.1	8.2
W1477055	180	<1	<0.1	<10	<0.5	70	<0.1	7.3
W1477057	30	<1	0.3	<10	2.7	40	<0.1	0.8
W1477059	10	<1	0.2	<10	2.4	40	<0.1	0.7
W1477061	30	<1	0.2	<10	2.4	60	0.2	0.6
W1477201	100	<1	0.4	<10	2.3	30	<0.1	0.8
W1477203	90	<1	0.3	<10	2.9	40	<0.1	1.2
W1477205	130	<1	0.4	<10	4.3	50	<0.1	1.4
W1477207	540	<1	<0.1	<10	<0.5	30	<0.1	0.7
W1477209	480	<1	<0.1	<10	<0.5	30	<0.1	0.9
W1477211	50	<1	0.2	<10	2.2	50	<0.1	2.0
W1477213	40	<1	<0.1	<10	2.5	40	<0.1	1.1
W1477215	50	<1	0.2	<10	2.2	40	<0.1	1.0
W1477217	20	<1	0.2	<10	2.3	20	<0.1	0.5
W1477219	30	<1	0.2	<10	2.7	50	<0.1	0.9
W1477221	80	<1	0.3	<10	2.1	70	<0.1	1.1
W1477223	110	<1	0.4	<10	2.2	30	<0.1	0.7
W1477225	80	<1	0.4	<10	2.2	40	<0.1	0.8
W1477227	110	<1	0.4	<10	2.3	50	<0.1	1.1
W1477229	80	<1	0.5	<10	2.3	30	<0.1	0.8
W1477231	80	<1	0.1	<10	1.6	20	<0.1	0.6
W1477233	430	<1	<0.1	<10	<0.5	<10	0.1	<0.5
W1477235	380	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
W1477237	200	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
W1477239	120	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
W1477241	130	<1	<0.1	<10	<0.5	30	<0.1	1.6
W1477243	110	<1	<0.1	<10	<0.5	20	<0.1	1.8
W1477245	70	<1	0.2	<10	3.7	70	<0.1	3.3
W1477247	150	<1	0.9	<10	12.9	260	<0.1	6.5
W1477249	130	<1	1.1	<10	14.9	320	<0.1	7.1

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
W1477251	80	<1	0.5	<10	7.8	80	<0.1	1.8
W1477253	30	<1	0.3	<10	4.2	50	<0.1	1.1
*Rep WS01747	500	<1	0.6	<10	<0.5	20	0.1	1.2
*Rep W1477023	370	<1	<0.1	<10	<0.5	10	<0.1	0.5
*Rep W1477041	230	<1	<0.1	<10	<0.5	<10	<0.1	0.6
*Rep W1477215	60	<1	0.2	<10	2.4	50	<0.1	1.0
*Rep W1477239	120	<1	<0.1	<10	<0.5	<10	<0.1	0.5
*Std MMISRM19	3960	<1	2.3	<10	17.6	<10	1.0	64.1
*Std AMIS0169	60	<1	5.8	<10	72.9	370	1.2	26.1
*Blk BLANK	<10	1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
*Blk BLANK	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

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Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
WS02471	<0.5	10	1.1	520	7
WS02473	0.7	5	0.7	1190	8
WS02475	<0.5	6	0.5	530	6
WS02477	<0.5	4	0.5	790	6
WS02479	<0.5	6	0.6	260	8
WS02481	<0.5	7	0.6	700	4
WS02483	<0.5	2	0.3	1050	<2
WS02485	<0.5	1	<0.2	640	<2
WS02487	<0.5	2	0.3	190	<2
WS02489	<0.5	1	<0.2	1800	<2
WS02491	<0.5	2	0.3	210	3
WS02493	<0.5	3	0.3	770	2
WS02495	<0.5	4	0.7	700	3
WS02497	<0.5	7	0.5	1310	4
WS02499	<0.5	12	1.2	1040	9
WS01733	<0.5	12	1.0	910	6
WS01735	<0.5	10	2.3	1780	7
WS01737	<0.5	12	3.0	1890	7
WS01739	<0.5	10	1.2	1300	3
WS01741	<0.5	13	1.2	400	3
WS01743	<0.5	14	1.2	230	<2
WS01745	<0.5	17	1.7	70	2
WS01747	<0.5	17	1.8	370	2
WS01749	<0.5	21	2.5	150	3
W1477001	<0.5	7	0.9	290	7
W1477003	<0.5	11	1.2	380	6
W1477005	<0.5	11	1.1	1020	10
W1477007	<0.5	2	0.4	780	2
W1477009	<0.5	3	0.3	460	<2
W1477011	<0.5	3	0.3	310	3
W1477013	<0.5	3	0.2	260	2
W1477015	<0.5	3	0.2	300	<2
W1477017	<0.5	3	0.4	1330	4
W1477019	<0.5	1	<0.2	340	<2
W1477021	<0.5	1	<0.2	130	3
W1477023	<0.5	2	0.2	140	12
W1477025	<0.5	1	<0.2	270	2
W1477027	<0.5	<1	<0.2	200	<2
W1477029	<0.5	3	0.4	430	<2
W1477031	<0.5	2	0.2	300	<2

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

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Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
W1477033	<0.5	<1	<0.2	310	<2
W1477035	<0.5	1	<0.2	390	<2
W1477037	<0.5	1	<0.2	1060	<2
W1477039	<0.5	3	0.5	240	<2
W1477041	<0.5	1	<0.2	380	<2
W1477043	<0.5	1	<0.2	90	2
W1477045	<0.5	2	0.2	40	2
W1477047	<0.5	13	1.3	1060	7
W1477049	<0.5	<1	0.3	130	<2
W1477051	<0.5	5	0.6	390	4
W1477053	<0.5	9	0.7	340	5
W1477055	<0.5	2	1.2	500	5
W1477057	<0.5	9	1.1	2760	6
W1477059	<0.5	7	0.6	1290	5
W1477061	<0.5	7	0.6	2300	7
W1477201	<0.5	9	0.6	570	10
W1477203	<0.5	10	1.1	170	11
W1477205	<0.5	13	1.3	550	15
W1477207	<0.5	4	0.6	40	<2
W1477209	<0.5	3	0.3	220	2
W1477211	<0.5	8	0.7	370	13
W1477213	<0.5	5	0.8	200	8
W1477215	<0.5	7	0.5	230	9
W1477217	<0.5	5	0.5	300	10
W1477219	<0.5	6	0.5	260	14
W1477221	<0.5	10	0.8	300	12
W1477223	<0.5	11	0.6	340	9
W1477225	<0.5	11	1.0	230	5
W1477227	<0.5	9	0.8	210	19
W1477229	<0.5	14	1.3	120	8
W1477231	<0.5	7	0.7	450	8
W1477233	<0.5	1	<0.2	400	<2
W1477235	<0.5	<1	<0.2	1510	<2
W1477237	<0.5	1	<0.2	<10	<2
W1477239	<0.5	2	<0.2	570	3
W1477241	<0.5	3	0.5	200	3
W1477243	<0.5	2	0.2	650	6
W1477245	0.5	11	1.8	520	30
W1477247	<0.5	33	4.5	890	24
W1477249	<0.5	43	5.6	1240	23

Final : VC163211 Order: West Porcupine-GTA/334 Samples (4 of 4)

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Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
W1477251	<0.5	15	1.4	760	13
W1477253	<0.5	9	0.8	170	18
*Rep WS01747	<0.5	17	1.8	350	<2
*Rep W1477023	<0.5	2	<0.2	130	13
*Rep W1477041	<0.5	2	<0.2	330	<2
*Rep W1477215	<0.5	8	0.7	240	11
*Rep W1477239	<0.5	2	<0.2	600	2
*Std MMISRM19	<0.5	70	5.6	2540	13
*Std AMIS0169	1.5	129	9.4	220	52
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<1	<0.2	10	<2

APPENDIX III

Soil Sampling
Actlabs Certificates INAA analysis

Quality Analysis ... *Innovative Technologies*

Date Submitted: 06-Oct-16
Invoice No.: A16-10340
Invoice Date: 08-Nov-16
Your Reference: West Porcupine

Probe Metals Limited
56 Temperance Street
Suite 1000
Toronto ON M5H 3V5
Canada

ATTN: Dave Palmer

CERTIFICATE OF ANALYSIS

334 Vegetation samples were submitted for analysis.

The following analytical package(s) were requested: Code 2B-15g Vegetation INAA(INAAGEO)

REPORT **A16-10340**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	K	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.3	0.01	5	0.01	0.01	0.1	0.3	0.05	0.005	0.05	0.05	0.1	0.01	0.05	1	2	1	0.005	0.01	0.1	100	0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS01918	1.2	< 0.3	4.48	56	14.4	0.80	1.4	3.6	< 0.05	0.290	< 0.05	< 0.05	< 0.1	1.46	< 0.05	1210	< 2	< 1	0.210	1.02	< 0.1	< 100	< 0.05
WS01920	< 0.1	< 0.3	4.86	68	26.1	1.10	1.7	2.5	< 0.05	0.530	< 0.05	< 0.05	< 0.1	1.25	< 0.05	688	< 2	2	0.140	0.96	< 0.1	< 100	< 0.05
WS01922	< 0.1	< 0.3	3.80	70	20.9	1.34	2.3	2.4	< 0.05	0.430	< 0.05	0.23	< 0.1	1.37	< 0.05	672	< 2	3	0.180	0.93	1.1	< 100	0.21
WS01924	< 0.1	< 0.3	3.92	98	20.3	0.83	2.2	< 0.3	< 0.05	0.340	0.28	0.30	< 0.1	2.12	< 0.05	676	< 2	< 1	0.190	1.02	< 0.1	< 100	< 0.05
WS01926	< 0.1	< 0.3	< 0.01	54	16.0	0.45	1.3	3.1	< 0.05	0.200	< 0.05	0.18	< 0.1	1.29	< 0.05	548	< 2	< 1	0.150	1.29	< 0.1	< 100	< 0.05
WS01928	< 0.1	< 0.3	1.62	58	14.7	0.76	1.6	2.8	< 0.05	0.260	< 0.05	0.27	< 0.1	1.37	< 0.05	684	< 2	< 1	0.130	1.71	1.0	< 100	< 0.05
WS01930	< 0.1	< 0.3	1.89	56	17.7	1.06	1.6	3.7	< 0.05	0.350	< 0.05	0.24	< 0.1	1.47	< 0.05	692	< 2	4	0.110	1.20	< 0.1	< 100	< 0.05
WS01932	< 0.1	< 0.3	2.27	80	17.0	1.00	1.9	3.3	< 0.05	0.250	< 0.05	0.32	< 0.1	1.17	0.92	676	< 2	< 1	0.100	1.92	< 0.1	< 100	< 0.05
WS01934	< 0.1	< 0.3	2.79	56	16.6	1.11	1.4	4.3	< 0.05	0.340	< 0.05	< 0.05	< 0.1	1.54	1.81	700	< 2	< 1	0.120	1.47	< 0.1	< 100	< 0.05
WS01936	< 0.1	< 0.3	3.33	86	23.6	0.84	1.7	3.0	< 0.05	0.330	0.12	< 0.05	< 0.1	1.03	< 0.05	932	< 2	< 1	0.100	1.53	< 0.1	< 100	< 0.05
WS01938	< 0.1	< 0.3	0.88	66	14.3	0.88	< 0.1	2.5	< 0.05	0.330	< 0.05	< 0.05	< 0.1	1.75	< 0.05	564	< 2	< 1	0.080	1.08	< 0.1	< 100	< 0.05
WS01940	< 0.1	< 0.3	3.60	66	17.5	0.48	1.6	3.5	< 0.05	0.330	0.15	0.19	< 0.1	1.84	< 0.05	1120	< 2	< 1	0.210	1.59	< 0.1	< 100	< 0.05
WS01942	< 0.1	< 0.3	10.9	136	28.5	1.19	2.1	7.7	< 0.05	1.94	0.09	0.22	< 0.1	1.48	< 0.05	732	< 2	< 1	0.100	1.17	< 0.1	< 100	< 0.05
WS01944	< 0.1	< 0.3	40.8	260	37.9	3.26	< 0.1	4.7	< 0.05	12.9	< 0.05	0.35	< 0.1	1.18	< 0.05	1020	< 2	< 1	0.020	1.47	< 0.1	< 100	< 0.05
WS01946	< 0.1	< 0.3	23.6	464	39.1	3.32	< 0.1	5.1	< 0.05	10.6	< 0.05	0.20	< 0.1	1.32	< 0.05	1010	< 2	< 1	0.070	1.17	< 0.1	100	< 0.05
WS01948	< 0.1	< 0.3	38.3	232	51.6	2.92	< 0.1	4.6	< 0.05	7.76	0.13	< 0.05	< 0.1	1.19	< 0.05	1160	< 2	< 1	0.100	1.89	2.0	< 100	< 0.05
WS01950	< 0.1	< 0.3	23.0	400	49.2	2.41	2.7	6.0	< 0.05	8.28	< 0.05	0.31	< 0.1	0.90	< 0.05	996	< 2	< 1	0.130	1.50	< 0.1	< 100	< 0.05
WS01734	< 0.1	< 0.3	12.8	450	30.1	3.31	6.6	33.8	2.57	4.64	0.18	2.78	< 0.1	1.44	3.00	18000	< 2	28	0.320	12.5	< 0.1	200	< 0.05
WS01736	< 0.1	< 0.3	16.1	364	37.0	2.46	4.5	14.2	1.16	3.41	0.17	0.87	< 0.1	1.15	< 0.05	5260	< 2	8	0.350	5.07	< 0.1	< 100	< 0.05
WS01738	< 0.1	< 0.3	16.5	264	52.7	2.70	4.6	14.5	1.00	3.62	0.32	0.82	< 0.1	1.18	< 0.05	3080	< 2	11	0.190	5.19	2.1	< 100	< 0.05
WS01740	< 0.1	< 0.3	16.0	206	41.1	3.30	3.0	7.7	< 0.05	2.52	< 0.05	0.40	< 0.1	1.26	2.75	1410	< 2	< 1	0.120	2.67	2.9	< 100	< 0.05
WS01742	< 0.1	< 0.3	13.3	190	39.4	2.20	3.5	5.2	< 0.05	2.08	0.22	0.30	< 0.1	1.32	< 0.05	1180	< 2	< 1	0.220	2.01	< 0.1	< 100	< 0.05
WS01744	< 0.1	< 0.3	12.2	226	35.6	2.28	3.0	5.5	< 0.05	1.72	0.13	0.15	< 0.1	1.60	< 0.05	956	< 2	< 1	0.190	1.95	< 0.1	100	< 0.05
WS01746	< 0.1	< 0.3	10.5	144	32.2	2.12	2.3	3.4	< 0.05	1.26	0.13	0.28	< 0.1	1.29	< 0.05	860	< 2	< 1	0.130	1.41	< 0.1	200	< 0.05
WS01748	< 0.1	< 0.3	10.9	146	37.2	2.58	1.9	4.4	< 0.05	1.46	0.13	0.24	< 0.1	1.42	3.57	936	< 2	< 1	0.220	1.86	< 0.1	200	< 0.05
WS01750	< 0.1	< 0.3	12.7	108	34.8	2.05	2.6	4.1	< 0.05	1.44	0.20	0.24	< 0.1	1.41	< 0.05	896	< 2	2	0.290	1.56	< 0.1	< 100	< 0.05
WS02002	< 0.1	< 0.3	16.3	284	42.6	2.61	2.4	3.8	0.53	4.70	0.25	< 0.05	< 0.1	1.28	< 0.05	1240	< 2	< 1	0.120	1.53	2.7	< 100	< 0.05
WS02003A	< 0.1	< 0.3	47.3	386	40.8	2.88	2.2	2.2	< 0.05	13.9	< 0.05	< 0.05	< 0.1	1.54	< 0.05	1220	< 2	< 1	0.040	1.26	< 0.1	200	< 0.05
WS02006	< 0.1	< 0.3	40.5	296	48.7	2.56	1.6	4.6	< 0.05	11.3	0.24	0.19	< 0.1	1.39	< 0.05	1400	< 2	< 1	0.070	1.89	2.1	< 100	< 0.05
WS02008	< 0.1	< 0.3	31.8	83	27.0	1.95	3.3	2.3	< 0.05	6.02	< 0.05	< 0.05	< 0.1	1.14	< 0.05	1020	< 2	< 1	< 0.005	1.14	< 0.1	< 100	< 0.05
WS02010	< 0.1	< 0.3	15.0	91	38.2	2.07	3.1	4.4	< 0.05	5.44	< 0.05	0.32	< 0.1	0.96	< 0.05	1520	< 2	< 1	< 0.005	2.19	< 0.1	< 100	< 0.05
WS02012	< 0.1	< 0.3	12.8	88	41.2	2.46	6.3	4.8	< 0.05	5.66	< 0.05	< 0.05	< 0.1	0.89	< 0.05	1600	< 2	< 1	< 0.005	2.46	3.1	< 100	< 0.05
WS02014	< 0.1	< 0.3	8.20	63	31.6	2.61	4.0	2.8	< 0.05	3.62	< 0.05	< 0.05	< 0.1	1.06	< 0.05	1120	< 2	< 1	< 0.005	1.59	1.4	< 100	0.20
WS02016	< 0.1	< 0.3	8.36	59	33.0	2.26	4.5	3.6	0.41	2.16	< 0.05	0.24	< 0.1	1.12	3.09	1090	< 2	< 1	0.050	1.32	< 0.1	< 100	< 0.05
WS02018	< 0.1	< 0.3	10.0	80	64.6	2.51	< 0.1	< 0.3	< 0.05	3.03	< 0.05	< 0.05	< 0.1	1.23	< 0.05	1550	< 2	< 1	0.130	1.50	< 0.1	< 100	< 0.05
WS02020	< 0.1	< 0.3	2.08	47	23.9	1.07	3.0	2.2	< 0.05	0.717	0.21	0.15	< 0.1	1.19	< 0.05	860	< 2	2	< 0.005	1.11	< 0.1	< 100	< 0.05
WS02022	< 0.1	< 0.3	2.28	< 5	21.3	0.87	2.4	3.3	< 0.05	0.552	< 0.05	0.26	< 0.1	1.62	< 0.05	1030	< 2	< 1	0.160	1.14	< 0.1	< 100	< 0.05
WS02024	< 0.1	< 0.3	14.7	98	65.7	2.00	< 0.1	4.3	< 0.05	3.67	< 0.05	< 0.05	< 0.1	1.14	< 0.05	1010	< 2	< 1	0.050	1.14	< 0.1	< 100	< 0.05
WS02026	< 0.1	< 0.3	16.3	59	44.3	2.56	3.9	2.6	< 0.05	5.20	0.14	0.25	< 0.1	1.27	< 0.05	1500	66	< 1	0.050	1.95	< 0.1	< 100	< 0.05
WS02028	< 0.1	< 0.3	29.7	70	48.9	2.82	4.9	8.6	< 0.05	7.65	< 0.05	0.36	< 0.1	1.12	< 0.05	2170	< 2	< 1	0.020	2.28	2.7	< 100	< 0.05
WS02030	< 0.1	< 0.3	26.8	50	38.4	2.47	4.7	4.4	< 0.05	8.10	< 0.05	0.28	< 0.1	1.14	< 0.05	1470	< 2	< 1	0.040	1.80	< 0.1	< 100	< 0.05
WS02032	< 0.1	< 0.3	37.5	140	43.5	2.74	3.9	3.5	< 0.05	7.10	< 0.05	0.29	< 0.1	1.22	< 0.05	1670	< 2	< 1	< 0.005	2.16	1.9	200	< 0.05

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	K	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.3	0.01	5	0.01	0.01	0.1	0.3	0.05	0.005	0.05	0.05	0.1	0.01	0.05	1	2	1	0.005	0.01	0.1	100	0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02034	< 0.1	< 0.3	31.6	130	47.2	2.68	4.0	3.9	< 0.05	11.1	0.11	< 0.05	< 0.1	1.27	< 0.05	1370	< 2	< 1	0.080	1.38	2.9	200	< 0.05
WS02036	< 0.1	< 0.3	27.1	163	43.8	2.44	3.9	3.6	< 0.05	8.57	0.31	< 0.05	< 0.1	1.14	< 0.05	1290	< 2	< 1	0.060	1.14	< 0.1	< 100	< 0.05
WS02038	< 0.1	< 0.3	80.8	274	50.8	2.41	3.3	5.7	< 0.05	18.4	< 0.05	0.47	< 0.1	1.45	< 0.05	1490	< 2	< 1	0.060	1.59	1.3	200	< 0.05
WS02040	< 0.1	< 0.3	23.6	146	60.3	2.52	4.5	3.7	< 0.05	7.13	0.11	< 0.05	< 0.1	1.11	< 0.05	1280	< 2	< 1	< 0.005	1.50	< 0.1	100	< 0.05
WS02042	< 0.1	< 0.3	27.1	108	41.8	2.28	4.0	4.0	< 0.05	6.43	< 0.05	< 0.05	< 0.1	1.29	< 0.05	760	< 2	< 1	< 0.005	0.99	2.7	100	0.22
WS02044	< 0.1	< 0.3	12.5	162	53.5	2.41	2.8	5.4	< 0.05	4.66	< 0.05	< 0.05	< 0.1	0.94	< 0.05	1060	< 2	< 1	< 0.005	1.65	2.2	200	< 0.05
WS02046	< 0.1	< 0.3	3.28	46	25.8	0.66	1.6	2.7	< 0.05	0.945	0.16	0.14	< 0.1	1.14	< 0.05	675	< 2	< 1	0.050	1.20	< 0.1	< 100	< 0.05
WS02048	< 0.1	< 0.3	2.72	< 5	23.3	0.28	< 0.1	1.8	< 0.05	0.444	< 0.05	< 0.05	< 0.1	1.63	2.05	882	< 2	2	< 0.005	1.11	1.0	< 100	< 0.05
WS02050	< 0.1	< 0.3	1.18	42	23.4	0.31	3.5	2.6	< 0.05	0.261	< 0.05	< 0.05	< 0.1	1.45	4.28	752	< 2	< 1	< 0.005	1.11	< 0.1	< 100	< 0.05
WS02052	< 0.1	< 0.3	1.24	< 5	24.8	0.38	2.6	2.8	< 0.05	0.246	0.14	0.22	< 0.1	1.28	1.75	558	< 2	< 1	0.040	1.08	< 0.1	< 100	< 0.05
WS02054	< 0.1	< 0.3	1.72	71	20.1	0.54	3.0	3.2	< 0.05	0.375	< 0.05	< 0.05	< 0.1	1.49	< 0.05	801	< 2	< 1	0.080	1.05	< 0.1	< 100	< 0.05
WS02056	< 0.1	< 0.3	2.54	< 5	22.1	0.50	2.6	2.3	< 0.05	0.429	< 0.05	< 0.05	< 0.1	1.51	< 0.05	846	< 2	< 1	0.120	1.08	< 0.1	< 100	< 0.05
WS02058	< 0.1	< 0.3	14.3	89	44.5	2.91	5.1	6.0	< 0.05	4.03	< 0.05	< 0.05	< 0.1	1.16	< 0.05	1130	< 2	< 1	< 0.005	1.44	< 0.1	100	< 0.05
WS02060	< 0.1	< 0.3	17.0	183	50.2	3.22	3.5	5.0	< 0.05	5.89	0.18	0.24	< 0.1	1.23	< 0.05	1330	< 2	< 1	0.070	1.62	2.3	200	< 0.05
WS02062	< 0.1	< 0.3	25.4	261	37.5	3.17	3.3	4.6	< 0.05	8.55	0.16	0.32	< 0.1	1.31	< 0.05	1630	< 2	< 1	0.080	1.95	< 0.1	200	< 0.05
WS02064	< 0.1	< 0.3	25.0	218	40.5	2.54	4.7	5.0	< 0.05	8.46	< 0.05	0.19	< 0.1	1.01	< 0.05	1510	< 2	< 1	< 0.005	1.62	1.7	200	< 0.05
WS02066	< 0.1	< 0.3	23.9	160	23.8	2.22	1.6	1.6	< 0.05	5.29	< 0.05	0.09	0.6	0.84	< 0.05	886	< 2	< 1	0.040	1.08	0.7	< 100	< 0.05
WS02068	< 0.1	< 0.3	20.2	106	24.3	2.57	1.4	2.5	< 0.05	4.50	< 0.05	0.14	< 0.1	1.28	< 0.05	913	< 2	< 1	0.090	1.08	< 0.1	< 100	< 0.05
WS02070	< 0.1	< 0.3	36.1	90	25.5	2.09	1.8	1.4	< 0.05	3.83	< 0.05	0.10	< 0.1	0.83	< 0.05	814	< 2	< 1	0.090	0.96	0.8	< 100	0.17
WS02072	< 0.1	< 0.3	28.9	70	35.6	2.85	1.8	1.8	< 0.05	4.17	< 0.05	0.14	< 0.1	0.63	0.98	996	< 2	< 1	0.090	1.00	0.5	< 100	< 0.05
WS02074	< 0.1	< 0.3	21.4	108	50.1	2.04	2.6	4.2	< 0.05	2.81	< 0.05	0.42	< 0.1	0.83	0.66	3210	< 2	9	0.040	2.80	1.1	< 100	< 0.05
WS02076	1.1	< 0.3	6.03	38	28.2	0.88	1.4	2.1	< 0.05	0.640	0.07	0.13	< 0.1	0.62	0.20	1070	< 2	< 1	0.070	1.08	< 0.1	< 100	< 0.05
WS02078	< 0.1	< 0.3	2.34	< 5	17.6	0.74	1.2	1.0	< 0.05	0.240	0.05	0.06	< 0.1	0.74	< 0.05	561	< 2	< 1	0.070	0.72	< 0.1	< 100	< 0.05
WS02080	< 0.1	< 0.3	2.83	46	12.7	0.81	1.2	1.4	< 0.05	0.280	< 0.05	0.11	< 0.1	1.32	0.51	918	< 2	< 1	0.100	1.20	0.4	< 100	< 0.05
WS02082	< 0.1	< 0.3	25.6	92	39.7	1.96	1.8	1.3	< 0.05	3.19	< 0.05	< 0.05	< 0.1	0.72	< 0.05	726	< 2	< 1	0.060	0.84	1.2	< 100	< 0.05
WS02084	< 0.1	< 0.3	34.7	90	38.3	2.19	1.4	1.5	< 0.05	3.69	0.09	0.09	< 0.1	1.03	0.98	886	< 2	< 1	0.050	0.88	< 0.1	< 100	0.19
WS02086	< 0.1	< 0.3	20.8	78	34.9	2.09	2.3	1.7	< 0.05	2.51	< 0.05	0.14	< 0.1	1.22	0.95	1080	< 2	< 1	0.130	1.08	0.7	< 100	< 0.05
WS02088	2.2	< 0.3	16.9	94	34.0	2.33	2.0	2.0	< 0.05	2.21	< 0.05	0.16	< 0.1	1.42	0.68	858	< 2	< 1	0.100	0.92	1.4	< 100	< 0.05
WS02090	1.6	< 0.3	20.9	52	34.9	1.65	1.9	1.9	< 0.05	2.02	< 0.05	0.10	< 0.1	0.83	0.61	742	< 2	< 1	0.060	1.20	1.7	< 100	< 0.05
WS02092	0.6	< 0.3	20.9	310	42.8	2.52	4.2	13.9	0.98	3.87	< 0.05	1.85	< 0.1	< 0.01	0.34	16200	< 2	19	0.110	7.04	< 0.1	< 100	< 0.05
WS02094	< 0.1	< 0.3	23.2	128	45.8	2.58	3.2	3.3	0.19	5.16	< 0.05	0.14	< 0.1	< 0.01	< 0.05	1930	< 2	< 1	< 0.005	1.88	1.6	< 100	0.15
WS02096	2.0	< 0.3	20.2	208	38.3	3.01	5.0	4.8	0.68	7.38	< 0.05	0.27	< 0.1	2.50	< 0.05	2220	< 2	3	0.120	3.08	1.5	< 100	< 0.05
WS02098	3.8	< 0.3	26.8	170	62.7	3.11	6.4	4.2	< 0.05	4.76	< 0.05	< 0.05	< 0.1	< 0.01	< 0.05	1960	< 2	< 1	0.090	2.76	2.2	< 100	< 0.05
WS02100	2.6	< 0.3	31.4	114	55.9	2.24	8.0	4.5	0.36	3.22	< 0.05	0.13	< 0.1	2.92	< 0.05	1990	< 2	< 1	0.060	2.48	1.7	< 100	< 0.05
WS02102	1.8	< 0.3	12.8	46	25.5	0.91	1.4	1.8	< 0.05	0.540	< 0.05	< 0.05	< 0.1	< 0.01	< 0.05	786	< 2	< 1	0.050	0.88	< 0.1	< 100	< 0.05
WS02104	2.3	< 0.3	5.26	60	15.0	0.93	1.4	1.3	< 0.05	0.410	0.05	0.08	< 0.1	2.15	0.26	754	< 2	< 1	0.060	0.96	< 0.1	< 100	< 0.05
WS02106	2.0	< 0.3	5.22	82	16.3	0.49	1.1	1.8	0.66	0.340	< 0.05	0.12	< 0.1	1.56	0.49	1050	< 2	< 1	0.180	1.20	< 0.1	< 100	< 0.05
WS02108	3.7	< 0.3	1.44	42	14.1	0.75	1.1	1.3	< 0.05	0.220	< 0.05	< 0.05	< 0.1	2.82	< 0.05	671	< 2	< 1	0.050	1.08	< 0.1	< 100	< 0.05
WS02110	3.8	< 0.3	1.44	40	11.8	0.61	1.1	1.6	< 0.05	0.200	< 0.05	< 0.05	< 0.1	1.17	< 0.05	534	< 2	1	0.080	1.04	< 0.1	< 100	< 0.05
WS02112	2.9	< 0.3	1.04	60	20.3	0.47	1.1	1.8	< 0.05	0.190	< 0.05	< 0.05	< 0.1	1.01	0.42	517	< 2	< 1	0.060	1.12	0.7	< 100	< 0.05
WS02114	4.7	< 0.3	1.40	< 5	11.0	0.50	1.1	1.9	< 0.05	0.190	< 0.05	0.07	< 0.1	1.68	< 0.05	528	< 2	< 1	0.040	1.04	< 0.1	< 100	< 0.05
WS02116	3.9	< 0.3	1.76	40	14.9	0.54	1.1	1.1	< 0.05	0.220	< 0.05	< 0.05	< 0.1	1.43	< 0.05	578	< 2	< 1	0.080	0.92	< 0.1	< 100	0.19

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	K	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.3	0.01	5	0.01	0.01	0.1	0.3	0.05	0.005	0.05	0.05	0.1	0.01	0.05	1	2	1	0.005	0.01	0.1	100	0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02118	3.2	< 0.3	1.44	< 5	14.8	0.34	1.0	2.0	< 0.05	0.260	< 0.05	< 0.05	< 0.1	2.82	< 0.05	698	< 2	< 1	0.070	1.08	< 0.1	< 100	< 0.05
WS02120	4.7	< 0.3	0.90	< 5	13.2	0.67	1.1	1.3	0.16	0.200	< 0.05	< 0.05	< 0.1	1.63	< 0.05	534	< 2	< 1	0.050	0.92	< 0.1	< 100	< 0.05
WS02122	2.7	< 0.3	2.93	56	12.6	0.58	1.2	1.5	< 0.05	0.290	< 0.05	0.09	< 0.1	3.66	0.30	852	< 2	< 1	0.110	1.36	< 0.1	< 100	< 0.05
WS02124	5.9	< 0.3	2.82	63	12.4	0.46	1.0	1.3	< 0.05	0.280	0.08	0.22	< 0.1	1.23	0.16	858	< 2	< 1	0.070	1.30	0.3	< 100	< 0.05
WS02126	3.4	< 0.3	2.05	75	15.0	0.27	2.0	2.7	< 0.05	0.220	< 0.05	0.08	< 0.1	1.61	0.14	540	< 2	< 1	0.020	1.08	< 0.1	< 100	< 0.05
WS02128	3.0	< 0.3	1.82	66	15.0	0.54	2.3	1.6	< 0.05	0.250	< 0.05	0.12	< 0.1	1.12	0.26	597	< 2	< 1	0.020	1.10	0.1	< 100	0.08
WS02130	4.8	< 0.3	61.4	42	28.2	2.50	3.8	3.0	< 0.05	4.96	< 0.05	0.15	< 0.1	< 0.01	0.49	1220	< 2	2	0.080	1.82	0.6	< 100	< 0.05
WS02132	4.0	< 0.3	37.4	81	23.0	3.35	4.3	3.2	< 0.05	4.37	0.06	0.10	< 0.1	1.50	1.02	1200	< 2	< 1	0.090	1.74	1.6	< 100	< 0.05
WS02134	2.0	< 0.3	20.4	< 5	38.9	1.55	4.0	2.5	< 0.05	0.930	0.07	0.10	< 0.1	1.30	0.70	1110	< 2	< 1	0.030	1.30	0.6	< 100	< 0.05
WS02136	4.7	< 0.3	20.1	< 5	42.7	1.74	2.0	1.1	< 0.05	1.03	< 0.05	< 0.05	< 0.1	1.54	0.34	825	< 2	< 1	0.050	1.26	< 0.1	< 100	< 0.05
WS02138	3.3	< 0.3	28.2	78	43.4	1.95	1.0	4.0	< 0.05	2.09	0.06	0.21	< 0.1	0.95	0.47	1120	< 2	< 1	0.060	1.76	0.3	< 100	< 0.05
WS02140	0.3	< 0.3	19.5	105	29.8	1.16	3.3	3.8	< 0.05	0.850	0.07	0.15	< 0.1	1.10	0.16	939	< 2	< 1	0.070	1.38	< 0.1	< 100	< 0.05
WS02142	< 0.1	< 0.3	4.97	87	17.2	0.65	2.0	0.8	< 0.05	0.340	0.10	< 0.05	< 0.1	1.06	0.20	669	< 2	1	0.090	0.84	< 0.1	< 100	< 0.05
WS02144	3.7	< 0.3	3.55	105	13.3	0.82	1.6	2.2	< 0.05	0.380	0.11	0.09	< 0.1	1.56	0.50	813	< 2	< 1	0.040	1.06	< 0.1	< 100	< 0.05
WS02146	5.3	< 0.3	2.40	63	15.0	0.75	2.2	2.8	0.08	0.320	0.07	0.15	< 0.1	1.06	0.20	840	< 2	< 1	0.060	1.42	0.3	< 100	< 0.05
WS02148	3.5	< 0.3	2.20	87	26.4	0.83	1.4	3.0	< 0.05	0.360	0.05	0.08	< 0.1	1.03	< 0.05	816	< 2	< 1	0.030	1.26	0.4	< 100	0.09
WS02150	1.4	< 0.3	2.40	93	31.0	0.65	< 0.1	2.5	< 0.05	0.310	0.06	0.06	< 0.1	1.32	0.30	666	< 2	2	0.020	1.04	0.6	< 100	0.05
WS02152	1.5	< 0.3	2.72	93	17.5	1.07	< 0.1	3.8	< 0.05	0.400	0.06	0.12	< 0.1	1.52	< 0.05	807	< 2	< 1	0.020	1.18	0.3	< 100	0.05
WS02154	2.5	< 0.3	3.15	99	14.4	0.80	1.5	2.3	0.05	0.420	0.08	0.12	< 0.1	1.50	0.22	840	< 2	< 1	0.090	1.36	< 0.1	< 100	< 0.05
WS02156	3.4	< 0.3	4.45	66	10.7	0.88	1.8	2.5	0.08	0.480	0.09	0.07	< 0.1	1.50	0.42	672	< 2	< 1	0.020	0.88	< 0.1	< 100	0.09
WS02158	1.3	< 0.3	48.3	96	26.1	1.31	1.7	3.3	< 0.05	2.70	0.10	0.15	0.6	1.28	< 0.05	1120	< 2	< 1	0.030	1.42	0.5	< 100	< 0.05
WS02160	5.1	< 0.3	8.10	48	22.5	0.76	< 0.1	1.5	< 0.05	0.700	0.06	0.08	< 0.1	1.76	< 0.05	939	< 2	< 1	0.110	1.18	0.5	< 100	0.13
WS02162	0.7	< 0.3	2.10	81	13.6	0.51	1.9	2.4	< 0.05	0.280	0.08	0.20	< 0.1	1.50	0.26	903	< 2	< 1	0.090	2.02	< 0.1	< 100	< 0.05
WS02164	0.7	< 0.3	3.28	96	12.8	0.38	1.6	2.5	< 0.05	0.300	0.11	0.21	< 0.1	1.12	0.13	1040	< 2	< 1	0.100	1.80	< 0.1	< 100	< 0.05
WS02166	0.6	< 0.3	1.82	75	12.7	0.47	1.0	2.8	< 0.05	0.300	0.06	0.16	< 0.1	1.67	0.19	741	< 2	< 1	0.020	1.24	0.3	< 100	< 0.05
WS02168	< 0.1	< 0.3	3.35	69	16.1	0.58	2.0	3.0	< 0.05	0.700	0.07	0.08	< 0.1	1.54	0.86	681	< 2	< 1	0.030	1.12	0.4	< 100	< 0.05
WS02170	0.6	< 0.3	3.20	138	14.3	0.96	1.0	4.2	< 0.05	0.320	0.06	0.11	< 0.1	1.78	0.12	1130	< 2	2	0.110	1.58	< 0.1	< 100	< 0.05
WS02172	< 0.1	< 0.3	2.17	78	17.2	1.03	2.3	1.0	< 0.05	0.410	0.05	0.07	< 0.1	3.28	1.43	795	< 2	< 1	0.060	1.14	0.3	< 100	< 0.05
WS02174	0.5	< 0.3	2.20	72	14.0	0.74	1.0	1.8	< 0.05	0.300	0.09	0.08	< 0.1	1.65	< 0.05	819	< 2	< 1	0.070	1.14	< 0.1	< 100	< 0.05
WS02176	0.4	< 0.3	4.28	66	18.3	0.65	2.3	2.0	< 0.05	0.400	0.13	0.08	< 0.1	1.83	< 0.05	1060	< 2	3	0.030	1.24	0.3	< 100	< 0.05
WS02178	< 0.1	< 0.3	4.85	108	16.5	1.21	2.3	2.2	< 0.05	0.450	0.06	0.18	< 0.1	2.55	< 0.05	1040	< 2	< 1	0.070	1.24	< 0.1	< 100	< 0.05
WS02180	< 0.1	< 0.3	21.5	102	29.7	1.82	3.4	2.5	< 0.05	1.92	< 0.05	0.15	< 0.1	1.63	< 0.05	1150	< 2	< 1	0.060	1.40	1.6	< 100	< 0.05
WS02182	< 0.1	< 0.3	18.1	50	33.8	1.31	2.4	2.2	< 0.05	1.05	< 0.05	0.08	< 0.1	1.86	0.39	1170	< 2	< 1	0.130	1.14	< 0.1	< 100	< 0.05
WS02184	< 0.1	< 0.3	15.5	57	39.3	1.68	2.2	3.3	< 0.05	1.80	< 0.05	0.13	< 0.1	< 0.01	0.34	738	< 2	< 1	0.060	1.54	1.6	< 100	< 0.05
WS02186	< 0.1	< 0.3	19.1	134	38.7	2.48	< 0.1	3.7	< 0.05	1.66	0.06	0.26	< 0.1	0.72	1.20	1030	< 2	< 1	0.110	2.08	1.4	< 100	< 0.05
WS02188	< 0.1	< 0.3	3.96	33	20.1	1.22	< 0.1	2.8	< 0.05	0.560	0.12	0.11	< 0.1	2.10	< 0.05	792	< 2	< 1	0.070	0.92	0.6	< 100	< 0.05
WS02190	< 0.1	< 0.3	2.62	36	25.8	0.63	< 0.1	2.7	< 0.05	0.360	< 0.05	0.07	< 0.1	1.35	0.19	648	< 2	1	0.050	1.08	< 0.1	< 100	< 0.05
WS02192	< 0.1	< 0.3	4.88	77	28.1	0.72	1.5	1.6	< 0.05	0.450	< 0.05	0.13	< 0.1	0.84	0.18	458	< 2	< 1	0.020	0.78	0.3	< 100	< 0.05
WS02194	< 0.1	< 0.3	10.7	< 5	36.3	0.50	< 0.1	2.0	0.06	0.580	< 0.05	0.08	< 0.1	1.21	< 0.05	452	< 2	< 1	0.020	0.90	< 0.1	< 100	< 0.05
WS02196	< 0.1	< 0.3	3.14	54	25.5	0.57	1.0	2.0	< 0.05	0.370	0.05	0.11	< 0.1	1.05	0.17	568	< 2	< 1	0.030	1.32	< 0.1	< 100	< 0.05
WS02198	< 0.1	< 0.3	8.22	120	28.5	2.15	1.2	2.0	0.24	2.14	0.08	0.26	< 0.1	0.64	< 0.05	1030	< 2	2	0.050	1.74	1.0	< 100	< 0.05
WS02200	< 0.1	< 0.3	22.0	167	42.0	1.65	2.7	2.8	< 0.05	1.89	< 0.05	0.18	< 0.1	0.67	0.40	1090	< 2	< 1	0.020	1.38	1.4	< 100	< 0.05

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	K	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.3	0.01	5	0.01	0.01	0.1	0.3	0.05	0.005	0.05	0.05	0.1	0.01	0.05	1	2	1	0.005	0.01	0.1	100	0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02202	0.2	< 0.3	27.8	36	33.9	2.13	< 0.1	2.2	< 0.05	2.59	< 0.05	0.06	< 0.1	0.76	< 0.05	665	< 2	< 1	0.050	1.06	0.4	< 100	< 0.05
WS02204	0.7	< 0.3	16.4	233	30.2	1.68	2.2	2.5	< 0.05	1.45	0.07	0.23	< 0.1	1.50	< 0.05	1010	< 2	< 1	0.120	1.14	< 0.1	< 100	< 0.05
WS02206	0.4	< 0.3	4.52	114	22.0	0.74	1.4	1.8	< 0.05	0.890	0.05	0.08	< 0.1	0.75	< 0.05	640	< 2	< 1	0.100	1.12	0.2	< 100	< 0.05
WS02208	< 0.1	< 0.3	2.32	45	19.1	0.67	1.6	2.1	< 0.05	0.590	< 0.05	0.08	< 0.1	0.85	< 0.05	720	< 2	< 1	0.020	0.94	0.9	< 100	< 0.05
WS02210	< 0.1	< 0.3	2.48	35	21.3	0.77	1.8	2.8	< 0.05	0.640	0.06	0.15	< 0.1	0.97	0.27	728	< 2	< 1	0.020	1.06	< 0.1	< 100	< 0.05
WS02212	< 0.1	< 0.3	2.64	50	22.1	0.80	1.1	1.5	< 0.05	0.620	0.11	0.07	< 0.1	1.84	< 0.05	812	< 2	4	0.030	1.00	0.6	< 100	< 0.05
WS02214	< 0.1	< 0.3	4.72	41	26.1	0.75	1.3	1.9	< 0.05	0.690	0.06	0.15	< 0.1	0.95	0.19	755	< 2	< 1	0.070	1.18	< 0.1	< 100	< 0.05
WS02216	< 0.1	< 0.3	2.72	29	29.9	0.56	1.5	2.0	< 0.05	0.520	< 0.05	0.14	< 0.1	1.21	0.62	592	< 2	< 1	0.050	0.96	< 0.1	< 100	< 0.05
WS02218	0.3	< 0.3	1.94	96	20.8	0.69	1.2	1.5	< 0.05	0.310	0.05	0.08	< 0.1	1.01	0.17	675	< 2	< 1	0.070	1.36	0.3	< 100	< 0.05
WS02220	< 0.1	< 0.3	1.26	81	19.2	0.86	1.0	2.2	0.06	0.290	0.10	0.14	< 0.1	0.83	< 0.05	645	< 2	< 1	0.070	1.42	< 0.1	< 100	< 0.05
WS02222	< 0.1	< 0.3	2.00	60	27.5	0.68	1.4	2.5	< 0.05	0.260	0.05	0.25	< 0.1	0.75	1.31	682	< 2	< 1	0.060	2.04	0.4	< 100	< 0.05
WS02224	< 0.1	< 0.3	1.92	155	23.9	0.63	1.3	2.5	< 0.05	0.320	0.06	0.21	< 0.1	1.06	0.24	602	< 2	< 1	0.020	1.94	0.3	< 100	< 0.05
WS02226	< 0.1	< 0.3	2.02	60	27.3	0.55	1.3	2.8	0.10	0.280	< 0.05	0.07	< 0.1	1.27	0.25	540	< 2	< 1	0.020	1.20	0.4	< 100	< 0.05
WS02228	< 0.1	< 0.3	31.2	150	40.7	2.33	2.9	2.4	< 0.05	4.16	0.10	0.08	< 0.1	0.60	< 0.05	862	< 2	< 1	0.130	1.14	< 0.1	< 100	< 0.05
WS02230	< 0.1	< 0.3	25.9	243	43.4	2.16	4.0	2.8	< 0.05	3.35	< 0.05	0.08	< 0.1	0.41	0.34	898	< 2	< 1	0.100	1.16	0.7	< 100	< 0.05
WS02232	< 0.1	< 0.3	25.9	150	44.8	2.23	3.8	2.7	< 0.05	4.48	< 0.05	< 0.05	< 0.1	0.62	0.39	642	< 2	< 1	0.090	0.82	0.8	< 100	< 0.05
WS02234	< 0.1	< 0.3	31.4	90	60.9	2.76	3.5	3.0	0.35	7.59	0.10	0.08	< 0.1	0.95	< 0.05	898	< 2	< 1	0.080	1.44	0.6	< 100	< 0.05
WS02236	< 0.1	< 0.3	25.0	188	72.6	1.94	3.5	2.1	< 0.05	9.70	0.06	0.09	< 0.1	0.55	< 0.05	1010	< 2	< 1	0.050	1.34	< 0.1	< 100	< 0.05
WS02238	< 0.1	< 0.3	4.16	56	22.9	0.59	1.2	1.9	< 0.05	1.00	< 0.05	0.07	< 0.1	1.44	0.71	708	< 2	< 1	0.010	0.98	< 0.1	< 100	< 0.05
WS02240	< 0.1	< 0.3	1.65	< 5	16.4	0.42	0.5	2.4	< 0.05	0.340	< 0.05	0.11	< 0.1	2.04	< 0.05	528	< 2	< 1	0.060	0.69	< 0.1	< 100	< 0.05
WS02242	< 0.1	< 0.3	1.71	< 5	16.2	0.45	0.8	1.3	< 0.05	0.350	< 0.05	0.09	< 0.1	2.49	0.22	630	< 2	< 1	0.020	0.73	< 0.1	< 100	< 0.05
WS02244	0.9	< 0.3	0.75	< 5	12.9	0.52	0.8	2.0	< 0.05	0.270	< 0.05	< 0.05	< 0.1	1.83	< 0.05	478	< 2	< 1	0.030	0.69	< 0.1	< 100	< 0.05
WS02246	< 0.1	< 0.3	1.69	36	14.8	0.43	0.8	2.3	< 0.05	0.240	< 0.05	0.08	< 0.1	1.59	< 0.05	615	< 2	1	0.020	0.96	< 0.1	< 100	0.11
WS02248	< 0.1	< 0.3	0.95	76	17.5	0.55	0.5	1.8	< 0.05	0.220	< 0.05	0.20	< 0.1	1.65	0.96	632	< 2	< 1	0.040	1.06	< 0.1	< 100	< 0.05
WS02250	< 0.1	< 0.3	0.93	38	16.5	0.40	0.8	2.0	< 0.05	0.190	< 0.05	0.18	< 0.1	1.44	< 0.05	712	< 2	< 1	0.050	1.17	< 0.1	< 100	< 0.05
WS02252	< 0.1	< 0.3	8.10	133	25.3	1.83	1.2	3.0	< 0.05	1.19	0.10	< 0.05	< 0.1	1.68	< 0.05	1060	< 2	< 1	0.130	1.22	0.8	< 100	< 0.05
WS02254	< 0.1	< 0.3	14.3	217	33.1	2.87	< 0.1	3.3	< 0.05	1.89	0.06	0.11	< 0.1	2.16	< 0.05	1700	< 2	3	0.070	1.54	< 0.1	< 100	< 0.05
WS02256	< 0.1	< 0.3	3.12	31	18.5	0.59	1.3	2.6	< 0.05	1.18	< 0.05	< 0.05	< 0.1	2.67	< 0.05	738	< 2	< 1	0.080	0.80	< 0.1	< 100	< 0.05
WS02258	< 0.1	< 0.3	3.24	72	13.4	0.47	< 0.1	1.4	< 0.05	0.320	0.06	0.08	< 0.1	2.70	< 0.05	1040	< 2	< 1	0.090	1.02	1.0	< 100	< 0.05
WS02260	< 0.1	< 0.3	1.94	< 5	12.8	0.41	0.8	2.1	< 0.05	0.230	< 0.05	0.11	< 0.1	2.37	< 0.05	572	< 2	< 1	0.010	0.92	< 0.1	< 100	< 0.05
WS02262	< 0.1	< 0.3	4.94	34	15.6	0.61	< 0.1	2.4	< 0.05	0.450	0.12	0.08	< 0.1	3.99	< 0.05	985	< 2	< 1	0.230	1.08	< 0.1	< 100	< 0.05
WS02264	< 0.1	< 0.3	5.56	220	13.5	0.34	4.0	7.9	< 0.05	2.14	0.07	0.42	< 0.1	3.54	< 0.05	5760	< 2	< 1	0.150	5.43	< 0.1	< 100	< 0.05
WS02266	< 0.1	< 0.3	5.61	139	18.5	5.09	4.5	6.1	< 0.05	2.92	0.12	0.41	< 0.1	1.71	1.60	2000	< 2	< 1	0.100	3.25	< 0.1	< 100	< 0.05
WS02268	< 0.1	< 0.3	25.5	42	47.7	2.95	2.5	4.3	< 0.05	2.92	< 0.05	< 0.05	< 0.1	3.00	< 0.05	1170	< 2	< 1	0.030	1.60	< 0.1	< 100	< 0.05
WS02270	< 0.1	< 0.3	8.49	32	17.7	1.03	2.5	1.6	< 0.05	1.07	< 0.05	< 0.05	< 0.1	3.33	< 0.05	978	< 2	< 1	0.180	0.92	< 0.1	< 100	< 0.05
WS02272	0.4	< 0.3	5.59	101	29.9	2.92	2.0	4.9	< 0.05	1.68	0.06	0.17	< 0.1	2.76	< 0.05	1280	< 2	< 1	0.180	1.74	< 0.1	< 100	< 0.05
WS02274	< 0.1	< 0.3	3.12	73	21.1	0.56	< 0.1	2.7	< 0.05	0.350	0.10	0.20	< 0.1	2.22	1.39	890	< 2	< 1	0.120	1.29	0.9	< 100	< 0.05
WS02276	< 0.1	< 0.3	1.52	57	20.9	0.40	0.7	2.8	< 0.05	0.230	< 0.05	0.17	< 0.1	1.86	< 0.05	770	< 2	< 1	0.070	1.38	< 0.1	< 100	0.14
WS02278	< 0.1	< 0.3	11.2	49	51.3	2.71	2.0	6.1	< 0.05	2.30	0.16	0.23	< 0.1	2.31	< 0.05	1530	< 2	< 1	0.260	1.92	< 0.1	< 100	< 0.05
WS02280	< 0.1	< 0.3	2.19	93	21.7	0.62	< 0.1	2.6	< 0.05	0.430	< 0.05	< 0.05	< 0.1	2.73	0.22	828	< 2	< 1	0.090	1.03	0.6	< 100	< 0.05
WS02282	< 0.1	< 0.3	2.13	100	22.4	2.49	< 0.1	3.5	< 0.05	0.680	< 0.05	0.26	< 0.1	2.16	0.18	1310	< 2	2	0.110	1.77	< 0.1	< 100	< 0.05
WS02284	< 0.1	< 0.3	3.15	117	18.9	2.48	1.6	3.1	< 0.05	0.460	0.06	0.22	< 0.1	1.59	0.08	1260	< 2	< 1	0.180	1.91	< 0.1	< 100	< 0.05

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	K	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.3	0.01	5	0.01	0.01	0.1	0.3	0.05	0.005	0.05	0.05	0.1	0.01	0.05	1	2	1	0.005	0.01	0.1	100	0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02286	< 0.1	< 0.3	6.79	82	16.6	0.45	1.1	2.2	< 0.05	0.600	0.12	0.11	< 0.1	2.49	< 0.05	998	< 2	2	0.210	1.22	< 0.1	< 100	< 0.05
WS02288	0.1	< 0.3	2.78	39	29.5	2.33	1.4	3.2	< 0.05	0.530	0.12	< 0.05	< 0.1	1.86	0.49	872	< 2	< 1	0.110	1.46	0.3	< 100	< 0.05
WS02290	< 0.1	< 0.3	2.88	32	27.6	2.47	1.4	3.5	< 0.05	0.570	0.13	0.17	0.5	1.53	0.61	760	< 2	< 1	0.070	1.44	1.1	< 100	< 0.05
WS02292	< 0.1	< 0.3	9.59	99	22.1	3.05	1.5	2.5	< 0.05	0.640	0.18	0.13	< 0.1	1.92	0.67	1020	< 2	3	0.320	1.22	1.4	< 100	< 0.05
WS02294	< 0.1	< 0.3	2.06	109	15.8	0.59	0.8	2.7	< 0.05	0.230	< 0.05	0.23	< 0.1	1.77	< 0.05	702	< 2	< 1	0.080	1.29	< 0.1	< 100	< 0.05
WS02296	< 0.1	< 0.3	1.53	48	15.6	0.49	0.8	2.3	< 0.05	0.240	< 0.05	0.13	< 0.1	3.66	0.46	788	< 2	< 1	0.050	1.05	< 0.1	< 100	< 0.05
WS02298	< 0.1	< 0.3	3.19	22	13.2	0.43	4.2	2.3	< 0.05	0.320	0.08	0.08	< 0.1	1.06	1.33	835	< 2	< 1	0.170	1.42	< 0.1	< 100	< 0.05
WS02300	< 0.1	< 0.3	4.59	43	10.2	0.42	3.8	4.0	< 0.05	0.480	0.08	0.06	< 0.1	1.52	< 0.05	655	< 2	2	0.270	0.98	< 0.1	< 100	< 0.05
WS02302	< 0.1	< 0.3	6.06	35	11.2	0.26	3.8	3.0	0.41	0.580	0.08	0.09	< 0.1	1.29	0.19	940	< 2	2	0.330	1.54	< 0.1	< 100	< 0.05
WS02304	< 0.1	< 0.3	10.4	205	20.5	2.10	14.5	5.3	0.92	1.63	0.19	0.32	< 0.1	0.91	< 0.05	1510	< 2	4	0.310	2.80	0.6	< 100	< 0.05
WS02306	< 0.1	< 0.3	5.72	43	22.0	0.58	3.9	3.3	< 0.05	0.630	0.12	0.10	< 0.1	0.44	0.95	908	< 2	< 1	0.140	1.72	1.4	< 100	< 0.05
WS02308	< 0.1	< 0.3	4.61	36	9.05	0.37	4.3	1.9	< 0.05	0.420	0.09	0.08	< 0.1	1.33	< 0.05	822	< 2	3	0.230	1.06	< 0.1	< 100	< 0.05
WS02310	< 0.1	< 0.3	3.02	61	12.7	0.66	5.7	2.5	< 0.05	0.460	< 0.05	0.08	< 0.1	0.76	0.90	528	< 2	< 1	0.020	1.30	< 0.1	< 100	< 0.05
WS02312	0.9	< 0.3	5.15	19	10.1	0.42	4.3	< 0.3	< 0.05	0.350	0.08	0.06	< 0.1	1.79	0.26	750	< 2	5	0.170	0.86	< 0.1	< 100	< 0.05
WS02314	< 0.1	< 0.3	3.28	< 5	13.5	0.62	5.1	1.8	< 0.05	0.350	0.08	0.09	< 0.1	1.50	0.79	785	< 2	1	0.200	1.00	< 0.1	< 100	< 0.05
WS02316	< 0.1	< 0.3	10.4	22	15.8	0.81	8.4	1.8	< 0.05	0.930	0.09	0.17	< 0.1	0.75	0.33	790	< 2	< 1	0.110	1.46	< 0.1	< 100	< 0.05
WS02318	< 0.1	< 0.3	2.97	105	9.80	0.64	4.1	2.8	< 0.05	0.350	0.13	0.23	< 0.1	1.33	0.21	1200	< 2	< 1	0.180	2.16	< 0.1	< 100	< 0.05
WS02320	< 0.1	< 0.3	1.49	32	10.2	0.47	2.2	4.9	< 0.05	0.200	0.08	0.25	< 0.1	1.10	0.19	838	< 2	< 1	0.120	1.76	< 0.1	< 100	< 0.05
WS02322	< 0.1	< 0.3	0.95	41	10.6	0.71	2.1	3.2	< 0.05	0.220	0.07	0.16	< 0.1	0.78	0.20	658	< 2	< 1	0.100	1.64	0.4	< 100	< 0.05
WS02324	1.4	< 0.3	7.71	117	13.9	1.47	8.4	3.7	0.27	1.70	0.12	0.20	< 0.1	0.72	0.46	1240	< 2	2	0.180	2.18	0.3	< 100	< 0.05
WS02326	0.9	< 0.3	7.89	38	22.5	3.16	12.0	3.7	< 0.05	2.28	0.10	0.09	< 0.1	0.77	2.07	875	< 2	< 1	0.110	1.30	0.4	< 100	< 0.05
WS02328	< 0.1	< 0.3	13.5	86	19.7	3.76	17.4	2.0	< 0.05	3.02	0.11	0.16	< 0.1	0.93	< 0.05	1470	< 2	< 1	0.210	1.64	< 0.1	< 100	< 0.05
WS02330	0.2	< 0.3	5.51	85	16.3	4.16	10.5	2.0	< 0.05	1.66	0.06	0.09	< 0.1	0.70	1.03	902	< 2	< 1	0.130	1.50	0.4	< 100	< 0.05
WS02332	< 0.1	< 0.3	10.1	336	11.6	19.8	28.5	35.5	0.83	5.12	0.26	1.66	< 0.1	< 0.01	6.57	23900	< 2	15	0.240	15.2	< 0.1	< 100	< 0.05
WS02334	< 0.1	< 0.3	39.1	73	26.7	4.94	20.4	24.4	< 0.05	2.99	0.17	0.50	< 0.1	0.68	3.77	5430	< 2	4	0.250	5.08	< 0.1	< 100	< 0.05
WS02336	< 0.1	< 0.3	8.74	88	20.5	1.28	8.7	9.4	< 0.05	0.850	0.09	0.22	< 0.1	0.44	1.73	1550	< 2	2	0.080	1.88	0.5	< 100	< 0.05
WS02338	< 0.1	< 0.3	3.33	73	15.8	0.56	5.4	6.3	< 0.05	0.390	0.06	0.12	< 0.1	0.81	0.34	1110	< 2	< 1	0.120	1.74	< 0.1	< 100	< 0.05
WS02340	< 0.1	< 0.3	3.49	26	24.6	0.84	7.2	2.5	< 0.05	0.310	0.08	0.13	< 0.1	0.98	1.11	705	< 2	< 1	0.030	0.88	< 0.1	< 100	< 0.05
WS02342	< 0.1	< 0.3	2.32	< 5	16.7	0.42	3.0	3.8	< 0.05	0.250	0.19	0.14	< 0.1	2.03	< 0.05	1060	< 2	< 1	0.070	1.32	< 0.1	< 100	< 0.05
WS02344	0.6	< 0.3	1.98	101	18.3	0.46	5.5	2.2	< 0.05	0.230	0.09	0.16	< 0.1	0.23	1.50	800	< 2	3	0.100	1.38	< 0.1	< 100	< 0.05
WS02346	< 0.1	< 0.3	1.50	29	19.0	0.60	6.9	3.5	< 0.05	0.230	0.08	0.25	< 0.1	1.37	1.16	905	< 2	< 1	0.040	1.44	0.3	< 100	0.08
WS02348	< 0.1	< 0.3	2.27	22	14.4	0.50	5.4	3.8	< 0.05	0.270	0.06	0.15	< 0.1	1.10	< 0.05	780	< 2	< 1	0.110	1.32	< 0.1	< 100	< 0.05
WS02350	< 0.1	< 0.3	3.38	30	13.7	0.55	2.7	2.8	< 0.05	0.290	0.14	0.09	< 0.1	1.47	0.28	960	< 2	< 1	0.210	1.38	< 0.1	< 100	< 0.05
WS02352	< 0.1	< 0.3	0.83	79	11.5	0.58	2.7	2.8	< 0.05	0.270	0.06	0.07	< 0.1	0.95	< 0.05	682	< 2	< 1	0.080	1.20	0.4	< 100	< 0.05
WS02354	< 0.1	< 0.3	11.2	83	27.2	2.07	12.1	3.2	< 0.05	1.94	0.06	0.09	< 0.1	0.60	< 0.05	932	< 2	< 1	0.140	1.36	1.1	< 100	< 0.05
WS02356	< 0.1	< 0.3	33.1	99	10.7	2.49	4.6	2.3	< 0.05	4.51	< 0.05	0.14	< 0.1	0.57	1.64	552	< 2	< 1	0.030	0.70	< 0.1	< 100	< 0.05
WS02358	< 0.1	< 0.3	22.6	124	19.8	2.72	5.5	2.6	< 0.05	3.73	< 0.05	< 0.05	< 0.1	0.33	0.20	548	< 2	< 1	0.020	0.70	0.2	< 100	< 0.05
WS02360	< 0.1	< 0.3	61.1	115	36.5	2.34	4.6	2.0	< 0.05	8.82	< 0.05	< 0.05	< 0.1	0.29	< 0.05	938	< 2	< 1	0.020	1.38	0.5	< 100	< 0.05
WS02362	< 0.1	< 0.3	60.4	39	34.4	2.52	3.1	1.9	< 0.05	5.69	< 0.05	< 0.05	< 0.1	0.39	< 0.05	715	< 2	< 1	0.010	0.88	1.6	< 100	< 0.05
WS02364	< 0.1	< 0.3	21.5	105	46.2	2.91	1.6	3.2	< 0.05	4.29	< 0.05	0.10	< 0.1	0.42	0.44	818	< 2	3	0.020	1.16	0.8	< 100	< 0.05
WS02366	< 0.1	< 0.3	14.3	109	46.5	2.78	2.3	2.5	< 0.05	4.49	< 0.05	< 0.05	< 0.1	0.74	< 0.05	1060	< 2	2	0.030	1.20	< 0.1	< 100	< 0.05
WS02368	< 0.1	< 0.3	11.6	103	43.0	2.57	5.0	3.5	< 0.05	10.4	< 0.05	< 0.05	< 0.1	< 0.01	0.55	835	< 2	< 1	0.050	0.92	0.6	< 100	< 0.05

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	K	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.3	0.01	5	0.01	0.01	0.1	0.3	0.05	0.005	0.05	0.05	0.1	0.01	0.05	1	2	1	0.005	0.01	0.1	100	0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02370	< 0.1	< 0.3	20.8	34	47.1	2.27	7.3	3.0	< 0.05	6.96	< 0.05	0.09	< 0.1	0.85	< 0.05	752	< 2	< 1	0.010	1.16	< 0.1	< 100	< 0.05
WS02372	< 0.1	< 0.3	19.4	85	43.3	2.26	5.6	4.3	< 0.05	5.38	0.06	0.09	< 0.1	0.34	0.46	698	< 2	< 1	0.020	1.26	0.6	< 100	< 0.05
WS02374	0.6	< 0.3	4.16	84	14.8	0.62	3.0	2.4	< 0.05	0.670	< 0.05	0.11	< 0.1	0.29	0.69	705	< 2	2	0.070	1.40	< 0.1	< 100	< 0.05
WS02376	< 0.1	< 0.3	2.78	39	17.2	0.60	1.0	2.7	< 0.05	0.360	< 0.05	0.09	< 0.1	0.51	0.23	748	< 2	2	0.070	1.40	< 0.1	< 100	< 0.05
WS02378	< 0.1	< 0.3	3.18	161	19.1	0.58	2.0	3.0	< 0.05	0.360	0.05	0.10	< 0.1	0.73	1.05	860	< 2	< 1	0.110	1.30	< 0.1	< 100	< 0.05
WS02380	< 0.1	< 0.3	3.90	28	18.3	0.51	2.3	2.8	< 0.05	0.360	0.05	0.09	< 0.1	0.76	0.36	800	< 2	< 1	0.090	1.30	< 0.1	< 100	< 0.05
WS02382	1.3	< 0.3	3.00	64	20.5	0.51	1.4	2.8	< 0.05	0.400	0.06	0.19	< 0.1	0.65	0.23	625	< 2	< 1	0.060	1.38	0.4	< 100	0.06
WS02384	3.3	< 0.3	4.60	107	17.2	0.61	1.2	2.6	< 0.05	0.470	0.06	0.20	< 0.1	0.31	0.88	880	< 2	< 1	0.140	1.64	< 0.1	< 100	< 0.05
WS02386	2.6	< 0.3	2.70	51	19.5	1.00	1.7	3.7	< 0.05	0.340	0.09	0.20	< 0.1	0.29	0.08	770	< 2	< 1	0.030	1.74	0.4	< 100	< 0.05
WS02388	4.1	< 0.3	9.06	31	36.4	2.50	3.3	2.7	< 0.05	1.42	< 0.05	0.22	< 0.1	0.24	0.57	970	< 2	< 1	0.170	2.16	< 0.1	< 100	< 0.05
WS02390	< 0.1	< 0.3	14.3	48	28.8	2.55	1.8	2.7	< 0.05	1.12	0.11	0.22	< 0.1	0.88	0.20	980	< 2	< 1	0.180	1.74	0.4	< 100	< 0.05
WS02392	< 0.1	< 0.3	8.90	76	30.3	2.19	3.8	2.8	< 0.05	0.740	0.14	0.16	< 0.1	0.52	0.35	942	< 2	< 1	0.160	1.58	0.8	< 100	< 0.05
WS02394	< 0.1	< 0.3	3.34	28	16.9	1.19	1.7	2.0	< 0.05	0.320	0.06	0.09	< 0.1	0.89	< 0.05	830	< 2	< 1	0.120	1.60	< 0.1	< 100	< 0.05
WS02396	< 0.1	< 0.3	3.22	37	14.7	0.73	0.8	0.9	< 0.05	0.320	0.05	0.14	< 0.1	0.73	0.27	932	< 2	1	0.110	1.40	< 0.1	< 100	< 0.05
WS02398	< 0.1	< 0.3	2.22	81	16.1	0.89	2.9	2.3	< 0.05	0.340	< 0.05	0.19	< 0.1	0.52	0.33	910	< 2	< 1	0.050	1.48	< 0.1	< 100	< 0.05
WS02400	< 0.1	< 0.3	2.52	77	14.6	0.74	1.6	1.0	< 0.05	0.360	< 0.05	0.19	< 0.1	0.82	0.23	898	< 2	< 1	0.070	1.38	0.3	< 100	< 0.05
WS02402	< 0.1	< 0.3	5.56	18	19.8	0.72	1.6	2.5	< 0.05	0.350	< 0.05	0.08	< 0.1	0.41	< 0.05	672	< 2	< 1	0.070	1.12	< 0.1	< 100	< 0.05
WS02404	< 0.1	< 0.3	2.68	73	9.58	0.86	1.4	2.2	< 0.05	0.290	0.05	0.14	< 0.1	0.59	1.05	765	< 2	< 1	0.070	1.22	< 0.1	< 100	< 0.05
WS02406	0.6	< 0.3	4.26	28	11.6	0.71	1.9	2.5	< 0.05	0.320	0.10	0.20	< 0.1	0.84	< 0.05	998	< 2	1	0.160	1.50	< 0.1	< 100	< 0.05
WS02408	< 0.1	< 0.3	2.90	63	12.8	0.97	0.7	1.7	< 0.05	0.320	0.05	0.07	< 0.1	0.76	0.26	578	< 2	< 1	0.040	1.22	< 0.1	< 100	< 0.05
WS02410	< 0.1	< 0.3	5.58	57	16.7	0.77	2.4	2.3	< 0.05	0.320	< 0.05	0.12	< 0.1	0.66	0.30	630	< 2	< 1	0.020	1.26	0.2	< 100	< 0.05
WS02412	< 0.1	< 0.3	7.94	19	22.1	0.74	4.1	0.9	< 0.05	0.440	0.06	< 0.05	< 0.1	0.82	0.10	882	< 2	< 1	0.080	1.26	< 0.1	< 100	< 0.05
WS02414	0.6	< 0.3	4.44	< 5	14.8	0.64	3.6	2.0	< 0.05	0.170	0.06	< 0.05	< 0.1	1.36	0.33	742	< 2	< 1	0.070	0.92	< 0.1	< 100	< 0.05
WS02416	< 0.1	< 0.3	6.52	25	15.4	0.91	< 0.1	2.8	< 0.05	0.280	0.05	0.19	< 0.1	0.50	< 0.05	755	< 2	< 1	0.090	1.30	< 0.1	< 100	< 0.05
WS02418	< 0.1	< 0.3	7.34	< 5	29.0	1.08	2.2	4.2	< 0.05	0.270	< 0.05	0.09	< 0.1	1.65	< 0.05	602	< 2	< 1	0.010	1.02	< 0.1	< 100	< 0.05
WS02420	1.6	< 0.3	2.19	< 5	10.1	0.57	2.8	2.3	< 0.05	0.150	< 0.05	< 0.05	< 0.1	0.81	< 0.05	745	< 2	< 1	0.040	1.00	< 0.1	< 100	< 0.05
WS02422	< 0.1	< 0.3	1.77	56	12.1	0.71	< 0.1	1.8	< 0.05	0.210	< 0.05	0.16	< 0.1	0.75	< 0.05	920	< 2	< 1	0.100	1.38	< 0.1	< 100	< 0.05
WS02424	< 0.1	< 0.3	1.30	< 5	12.5	0.70	2.8	3.1	< 0.05	0.140	< 0.05	0.07	< 0.1	1.29	1.13	585	< 2	< 1	0.060	1.12	< 0.1	< 100	< 0.05
WS02426	< 0.1	< 0.3	1.94	26	11.3	0.84	3.0	2.2	< 0.05	0.150	< 0.05	0.06	< 0.1	2.03	0.89	758	< 2	< 1	0.080	1.16	< 0.1	< 100	< 0.05
WS02428	< 0.1	< 0.3	2.16	81	14.1	0.57	3.6	2.5	< 0.05	0.170	0.07	0.18	< 0.1	0.49	0.10	878	< 2	< 1	0.080	1.68	< 0.1	< 100	< 0.05
WS02430	< 0.1	< 0.3	2.98	82	15.0	0.64	2.6	3.2	< 0.05	0.200	< 0.05	0.18	< 0.1	0.55	1.32	758	< 2	< 1	0.080	1.84	0.4	< 100	< 0.05
WS02432	< 0.1	< 0.3	3.45	70	12.3	0.64	3.0	2.3	< 0.05	0.150	0.06	0.20	< 0.1	1.87	0.28	928	< 2	< 1	0.160	1.48	< 0.1	< 100	< 0.05
WS02434	< 0.1	< 0.3	1.84	36	10.8	0.60	< 0.1	2.5	< 0.05	0.160	< 0.05	0.18	< 0.1	1.13	0.69	820	< 2	< 1	0.100	1.38	< 0.1	< 100	< 0.05
WS02436	< 0.1	< 0.3	1.32	61	12.1	0.46	1.8	2.4	< 0.05	0.110	0.05	0.15	< 0.1	1.29	1.12	700	< 2	< 1	0.020	1.36	< 0.1	< 100	< 0.05
WS02438	< 0.1	< 0.3	3.22	26	18.7	1.21	4.2	5.7	< 0.05	0.270	< 0.05	0.12	< 0.1	0.38	< 0.05	918	< 2	< 1	0.120	1.80	< 0.1	< 100	< 0.05
WS02440	0.4	< 0.3	10.4	< 5	58.5	2.52	6.8	2.9	< 0.05	2.76	< 0.05	< 0.05	< 0.1	0.62	< 0.05	935	< 2	< 1	0.080	1.22	< 0.1	< 100	< 0.05
WS02442	< 0.1	< 0.3	9.96	80	36.3	2.33	5.4	3.5	< 0.05	2.06	< 0.05	< 0.05	< 0.1	0.63	< 0.05	898	< 2	< 1	0.090	1.20	< 0.1	< 100	< 0.05
WS02444	< 0.1	< 0.3	9.81	38	39.8	2.66	5.2	1.9	< 0.05	3.21	< 0.05	< 0.05	< 0.1	0.79	< 0.05	842	< 2	< 1	0.020	1.00	0.5	< 100	< 0.05
WS02446	< 0.1	< 0.3	14.6	98	39.3	3.31	3.4	2.3	< 0.05	4.65	< 0.05	< 0.05	< 0.1	0.22	< 0.05	1220	< 2	< 1	0.050	1.44	< 0.1	< 100	< 0.05
WS02448	< 0.1	< 0.3	12.0	40	40.0	3.46	2.6	4.1	< 0.05	3.45	< 0.05	0.10	< 0.1	0.49	< 0.05	1180	< 2	< 1	0.030	1.50	< 0.1	< 100	< 0.05
WS02450	< 0.1	< 0.3	10.6	100	39.1	3.34	2.2	4.2	< 0.05	3.62	< 0.05	0.09	< 0.1	0.48	< 0.05	1220	< 2	< 1	0.060	1.54	1.1	< 100	< 0.05
WS02452	< 0.1	< 0.3	19.4	46	35.3	3.22	4.6	2.9	< 0.05	4.74	< 0.05	0.16	< 0.1	1.06	< 0.05	1050	< 2	< 1	0.010	1.28	0.6	< 100	< 0.05

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	K	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.3	0.01	5	0.01	0.01	0.1	0.3	0.05	0.005	0.05	0.05	0.1	0.01	0.05	1	2	1	0.005	0.01	0.1	100	0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02454	0.7	< 0.3	29.5	71	30.4	3.45	4.6	3.4	< 0.05	4.74	< 0.05	0.17	< 0.1	0.61	< 0.05	955	< 2	< 1	0.010	1.34	< 0.1	< 100	< 0.05
WS02456	< 0.1	< 0.3	7.97	479	6.83	18.4	66.0	58.8	2.41	4.04	0.17	4.24	< 0.1	< 0.01	< 0.05	46500	< 2	72	0.150	29.3	< 0.1	< 100	< 0.05
WS02458	< 0.1	< 0.3	7.96	183	15.8	6.31	21.0	17.5	0.38	1.57	0.16	0.76	< 0.1	< 0.01	2.30	9830	< 2	16	0.170	7.48	< 0.1	< 100	< 0.05
WS02460	< 0.1	< 0.3	13.5	24	32.1	3.28	7.8	6.3	< 0.05	1.14	< 0.05	0.22	< 0.1	1.06	< 0.05	2190	< 2	< 1	0.160	2.96	< 0.1	< 100	< 0.05
WS02462	< 0.1	< 0.3	29.8	89	30.5	3.19	18.8	6.3	0.33	1.18	0.12	0.22	< 0.1	0.71	< 0.05	1560	< 2	< 1	0.150	2.64	1.7	< 100	< 0.05
WS02464	0.4	< 0.3	47.3	346	25.5	2.99	50.0	6.6	< 0.05	2.38	0.17	0.43	< 0.1	0.61	< 0.05	1630	< 2	6	0.350	3.18	1.3	< 100	0.09
WS02466	< 0.1	< 0.3	9.40	98	20.4	1.21	5.4	3.1	< 0.05	0.520	0.14	0.19	< 0.1	0.41	0.62	1100	< 2	< 1	0.130	1.82	< 0.1	< 100	< 0.05
WS02468	< 0.1	< 0.3	3.03	82	14.0	1.62	3.6	3.2	< 0.05	0.290	< 0.05	0.19	< 0.1	1.76	0.20	1200	< 2	2	0.050	1.50	0.9	< 100	< 0.05
WS02470	< 0.1	< 0.3	1.74	< 5	15.6	0.68	3.8	4.2	< 0.05	0.140	< 0.05	< 0.05	< 0.1	0.52	< 0.05	982	< 2	< 1	0.060	1.22	< 0.1	< 100	< 0.05
WS02472	< 0.1	< 0.3	1.73	34	15.9	0.59	1.2	3.2	< 0.05	0.260	0.09	0.07	< 0.1	1.47	1.28	888	< 2	< 1	0.040	1.34	< 0.1	< 100	< 0.05
WS02474	< 0.1	< 0.3	4.09	106	16.8	0.29	2.3	4.1	< 0.05	0.300	0.12	0.12	< 0.1	1.60	0.34	1100	< 2	6	0.160	1.62	0.3	< 100	< 0.05
WS02476	< 0.1	< 0.3	2.19	37	15.8	0.44	1.2	4.0	< 0.05	0.260	0.08	0.16	< 0.1	2.35	0.43	1190	< 2	3	0.120	1.86	0.2	< 100	< 0.05
WS02478	< 0.1	< 0.3	0.88	27	12.9	0.17	0.9	4.0	< 0.05	0.210	0.09	0.12	< 0.1	1.41	0.24	990	< 2	2	0.060	1.80	< 0.1	< 100	< 0.05
WS02480	< 0.1	< 0.3	3.29	35	16.7	0.43	2.1	3.2	< 0.05	0.330	0.06	0.31	< 0.1	1.86	0.09	1050	< 2	< 1	0.170	1.92	< 0.1	< 100	< 0.05
WS02482	< 0.1	< 0.3	2.64	21	17.0	0.99	1.2	2.8	< 0.05	0.350	0.05	0.09	< 0.1	2.62	0.31	793	< 2	< 1	0.110	1.36	< 0.1	< 100	< 0.05
WS02484	< 0.1	< 0.3	11.2	169	62.6	2.84	7.4	4.0	< 0.05	7.48	0.08	0.25	< 0.1	1.41	< 0.05	993	< 2	< 1	0.020	1.62	< 0.1	< 100	< 0.05
WS02486	< 0.1	< 0.3	7.88	137	51.8	2.57	5.5	4.2	< 0.05	17.9	0.10	0.08	< 0.1	1.98	< 0.05	1000	< 2	< 1	0.070	1.48	0.6	< 100	< 0.05
WS02488	< 0.1	< 0.3	10.3	149	69.1	3.35	1.0	1.4	< 0.05	13.3	0.11	< 0.05	< 0.1	1.25	< 0.05	1270	< 2	< 1	0.090	1.58	< 0.1	100	< 0.05
WS02490	< 0.1	< 0.3	13.2	153	45.0	3.32	4.4	3.1	< 0.05	16.8	0.09	< 0.05	< 0.1	< 0.01	< 0.05	1220	< 2	10	0.080	1.48	< 0.1	< 100	< 0.05
WS02492	< 0.1	< 0.3	24.8	136	42.3	3.05	2.3	3.3	< 0.05	9.87	< 0.05	0.10	< 0.1	2.31	0.52	1010	< 2	< 1	0.040	1.76	0.8	< 100	< 0.05
WS02494	< 0.1	< 0.3	17.1	140	37.9	3.10	< 0.1	3.7	< 0.05	8.20	0.09	0.09	< 0.1	1.65	0.45	990	< 2	< 1	0.050	1.78	1.6	< 100	< 0.05
WS02496	< 0.1	< 0.3	12.3	181	46.6	2.29	2.7	3.5	< 0.05	4.96	0.09	0.08	< 0.1	1.60	< 0.05	805	< 2	< 1	0.090	1.52	2.0	< 100	< 0.05
WS02498	< 0.1	< 0.3	2.97	166	16.8	0.66	1.2	3.0	< 0.05	0.990	0.17	0.23	< 0.1	1.77	0.87	1090	< 2	< 1	0.100	1.80	0.3	< 100	< 0.05
WS02500	< 0.1	< 0.3	1.97	116	18.6	0.58	1.2	2.4	< 0.05	0.370	0.13	0.17	< 0.1	1.44	0.11	818	< 2	2	0.030	1.84	< 0.1	< 100	< 0.05
W1477002	< 0.1	< 0.3	22.9	112	41.1	2.05	3.8	4.6	< 0.05	2.68	0.11	0.16	< 0.1	1.53	< 0.05	933	< 2	< 1	0.160	2.08	2.3	< 100	< 0.05
W1477004	< 0.1	< 0.3	23.7	75	28.1	2.28	3.6	2.9	< 0.05	2.29	0.09	0.08	< 0.1	1.26	< 0.05	1050	< 2	< 1	0.120	1.20	0.6	< 100	< 0.05
W1477006	0.2	< 0.3	16.5	209	44.5	5.97	13.3	7.9	< 0.05	5.54	0.20	0.49	< 0.1	0.77	4.20	1580	< 2	< 1	0.240	4.12	0.7	< 100	< 0.05
W1477008	< 0.1	< 0.3	23.8	102	38.7	6.32	5.7	5.3	< 0.05	3.46	0.12	0.44	< 0.1	< 0.01	1.61	1430	< 2	3	0.100	3.36	2.0	< 100	< 0.05
W1477010	2.6	< 0.3	14.0	112	26.4	4.63	5.1	3.0	< 0.05	3.54	0.14	0.14	< 0.1	0.99	2.06	1190	< 2	2	0.120	2.20	1.9	100	< 0.05
W1477012	0.9	< 0.3	101	137	72.4	3.33	9.7	6.4	< 0.05	4.65	0.22	0.30	< 0.1	< 0.01	< 0.05	1660	< 2	5	0.100	3.42	1.1	< 100	< 0.05
W1477014	< 0.1	< 0.3	46.5	149	59.1	2.93	8.7	4.7	< 0.05	4.70	0.17	0.13	< 0.1	1.71	< 0.05	1420	< 2	< 1	0.090	2.30	0.6	< 100	< 0.05
W1477016	< 0.1	< 0.3	87.5	140	51.8	2.52	5.5	4.8	< 0.05	7.95	0.10	0.25	< 0.1	< 0.01	< 0.05	1330	< 2	< 1	0.150	2.00	< 0.1	< 100	< 0.05
W1477018	1.2	< 0.3	56.4	186	40.8	3.20	1.1	3.6	< 0.05	8.30	0.12	0.11	< 0.1	1.33	0.47	1040	< 2	< 1	0.060	1.56	2.5	< 100	< 0.05
W1477020	< 0.1	< 0.3	36.6	196	39.8	3.15	1.0	3.0	< 0.05	5.86	0.08	0.09	< 0.1	0.92	1.13	1020	< 2	< 1	0.060	1.58	0.9	< 100	< 0.05
W1477022	< 0.1	< 0.3	44.4	229	43.7	3.90	1.4	3.9	< 0.05	7.81	0.14	0.22	< 0.1	2.16	< 0.05	1260	< 2	< 1	0.010	2.00	0.6	100	< 0.05
W1477024	< 0.1	< 0.3	53.0	316	41.8	3.81	< 0.1	4.3	< 0.05	11.2	< 0.05	0.50	< 0.1	0.57	3.28	1160	< 2	< 1	0.010	2.34	0.6	100	0.13
W1477026	< 0.1	< 0.3	30.0	188	39.9	3.17	2.4	3.3	< 0.05	10.3	0.11	0.13	< 0.1	1.29	0.47	1180	< 2	< 1	0.020	1.96	1.1	< 100	< 0.05
W1477028	< 0.1	< 0.3	19.2	262	38.7	2.91	4.2	4.1	< 0.05	9.45	0.09	0.12	< 0.1	1.84	0.49	1120	< 2	< 1	0.070	1.78	0.8	< 100	< 0.05
W1477030	< 0.1	< 0.3	17.1	92	27.4	2.28	2.0	2.8	< 0.05	4.41	< 0.05	< 0.05	< 0.1	< 0.01	0.30	1250	< 2	< 1	0.110	1.22	< 0.1	< 100	< 0.05
W1477032	< 0.1	< 0.3	17.1	74	40.0	2.54	2.5	0.6	< 0.05	4.62	< 0.05	0.06	< 0.1	0.99	< 0.05	1180	< 2	< 1	0.080	1.48	< 0.1	< 100	< 0.05
W1477034	0.2	< 0.3	36.5	74	36.2	2.59	2.1	3.4	< 0.05	4.21	< 0.05	< 0.05	< 0.1	0.37	< 0.05	1020	< 2	< 1	0.060	1.32	1.3	< 100	< 0.05
W1477036	< 0.1	< 0.3	22.4	124	31.1	3.48	4.1	2.3	< 0.05	4.70	< 0.05	0.16	< 0.1	1.55	< 0.05	1300	< 2	< 1	0.030	1.14	< 0.1	< 100	< 0.05

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hg	Hf	Ir	K	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.3	0.01	5	0.01	0.01	0.1	0.3	0.05	0.005	0.05	0.05	0.1	0.01	0.05	1	2	1	0.005	0.01	0.1	100	0.05
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
W1477038	0.4	< 0.3	37.7	81	35.7	2.29	6.5	1.5	< 0.05	5.96	< 0.05	< 0.05	< 0.1	0.77	< 0.05	866	< 2	< 1	0.080	0.90	0.3	< 100	< 0.05
W1477040	< 0.1	< 0.3	30.3	23	50.8	2.35	< 0.1	3.5	< 0.05	3.88	< 0.05	0.27	< 0.1	1.65	< 0.05	1200	< 2	< 1	0.100	2.20	0.8	< 100	< 0.05
W1477042	< 0.1	< 0.3	62.2	30	49.8	2.98	6.3	2.3	< 0.05	5.90	< 0.05	< 0.05	< 0.1	0.78	0.68	1520	< 2	< 1	0.040	1.38	< 0.1	< 100	< 0.05
W1477044	< 0.1	< 0.3	35.8	13	42.8	2.95	2.5	4.9	< 0.05	4.51	< 0.05	< 0.05	< 0.1	1.12	0.38	1130	< 2	< 1	0.020	1.38	0.9	< 100	< 0.05
W1477046	< 0.1	< 0.3	35.8	89	27.2	3.87	6.8	2.7	< 0.05	4.82	< 0.05	0.21	< 0.1	0.76	0.50	1260	< 2	< 1	0.080	1.90	0.5	< 100	< 0.05
W1477048	< 0.1	< 0.3	13.8	140	27.1	3.45	9.1	5.3	< 0.05	8.00	< 0.05	0.34	< 0.1	0.45	0.56	1550	< 2	< 1	0.100	2.92	1.6	< 100	0.09
W1477050	< 0.1	< 0.3	14.1	25	30.5	5.66	7.7	4.0	< 0.05	4.93	0.07	0.29	< 0.1	0.59	2.46	1320	< 2	3	0.090	2.86	0.5	< 100	< 0.05
W1477052	< 0.1	< 0.3	12.9	684	8.87	4.59	21.9	65.3	< 0.05	8.40	< 0.05	2.92	< 0.1	< 0.01	< 0.05	106000	< 2	63	0.350	32.4	< 0.1	< 100	< 0.05
W1477054	< 0.1	< 0.3	6.31	118	18.7	7.46	10.6	34.2	0.12	4.71	< 0.05	0.88	< 0.1	< 0.01	3.89	7900	< 2	12	0.130	7.02	0.4	< 100	< 0.05
W1477056	< 0.1	< 0.3	3.34	74	15.1	1.28	3.3	16.5	< 0.05	0.820	< 0.05	0.27	< 0.1	1.45	1.99	2300	< 2	5	0.140	2.42	0.3	< 100	< 0.05
W1477058	< 0.1	< 0.3	2.49	86	15.6	0.73	2.3	8.3	< 0.05	0.420	0.10	0.25	< 0.1	0.71	0.41	1310	< 2	< 1	0.090	1.96	0.4	< 100	< 0.05
W1477060	< 0.1	< 0.3	2.66	20	19.0	0.96	2.5	6.2	< 0.05	0.420	0.09	0.15	< 0.1	0.92	1.65	943	< 2	< 1	0.040	1.58	0.2	< 100	< 0.05
W1477062	< 0.1	< 0.3	4.70	68	20.9	0.70	2.8	7.3	< 0.05	0.470	< 0.05	0.16	< 0.1	0.73	0.31	1090	< 2	< 1	0.130	1.68	0.3	< 100	< 0.05
W1477202	0.2	< 0.3	1.20	71	16.9	0.94	2.6	4.8	< 0.05	0.350	< 0.05	0.06	< 0.1	1.17	1.18	1220	< 2	< 1	0.070	1.48	< 0.1	< 100	< 0.05
W1477204	< 0.1	< 0.3	1.53	14	15.8	0.79	1.0	3.5	< 0.05	0.300	< 0.05	0.05	< 0.1	1.55	1.02	938	< 2	< 1	0.030	1.28	0.2	< 100	< 0.05
W1477206	< 0.1	< 0.3	1.60	56	17.6	0.69	0.8	2.3	< 0.05	0.330	< 0.05	0.07	< 0.1	1.26	1.66	923	< 2	< 1	0.020	1.34	< 0.1	< 100	< 0.05
W1477208	< 0.1	< 0.3	11.8	107	29.6	3.18	< 0.1	6.5	< 0.05	2.78	< 0.05	0.26	< 0.1	1.67	0.20	1460	< 2	< 1	0.050	1.92	0.6	< 100	< 0.05
W1477210	< 0.1	< 0.3	19.2	110	37.8	3.01	4.4	3.8	< 0.05	5.23	< 0.05	0.26	< 0.1	0.60	< 0.05	1410	< 2	< 1	0.070	1.36	0.5	< 100	< 0.05
W1477212	< 0.1	< 0.3	8.80	116	57.1	1.47	2.3	4.7	0.17	2.27	< 0.05	0.33	< 0.1	0.38	0.34	1630	< 2	< 1	0.080	2.92	1.6	< 100	< 0.05
W1477214	< 0.1	< 0.3	2.78	94	18.1	1.00	1.9	2.6	< 0.05	1.15	0.08	0.06	< 0.1	0.83	0.31	949	< 2	2	0.040	1.24	0.3	< 100	< 0.05
W1477216	< 0.1	< 0.3	11.1	68	49.1	0.70	1.5	3.9	< 0.05	1.67	< 0.05	< 0.05	< 0.1	1.36	1.30	969	< 2	< 1	0.020	1.64	0.5	< 100	< 0.05
W1477218	< 0.1	< 0.3	2.22	8	14.8	0.63	0.9	2.7	< 0.05	0.300	< 0.05	0.18	< 0.1	1.17	< 0.05	841	< 2	< 1	0.070	1.20	< 0.1	< 100	< 0.05
W1477220	< 0.1	< 0.3	2.61	14	13.9	0.62	2.1	3.0	< 0.05	0.370	< 0.05	0.06	< 0.1	2.01	0.25	1300	< 2	< 1	0.230	1.62	< 0.1	< 100	< 0.05
W1477222	< 0.1	< 0.3	1.58	12	15.1	0.72	1.8	3.0	< 0.05	0.270	< 0.05	0.14	< 0.1	1.72	0.22	1010	< 2	< 1	0.080	1.22	0.2	< 100	< 0.05
W1477224	< 0.1	< 0.3	0.98	22	13.1	0.67	0.9	2.9	< 0.05	0.230	< 0.05	0.15	< 0.1	1.17	0.21	892	< 2	< 1	0.050	1.32	0.4	< 100	0.05
W1477226	< 0.1	< 0.3	0.92	11	15.1	0.52	0.6	1.5	< 0.05	0.150	< 0.05	< 0.05	< 0.1	1.40	0.16	510	< 2	< 1	0.010	0.80	< 0.1	< 100	< 0.05
W1477228	< 0.1	< 0.3	0.89	56	13.4	0.60	0.5	2.5	< 0.05	0.150	< 0.05	< 0.05	< 0.1	1.02	0.07	565	< 2	< 1	0.010	1.10	< 0.1	< 100	< 0.05
W1477230	< 0.1	< 0.3	0.89	48	12.2	0.60	< 0.1	1.8	< 0.05	0.190	< 0.05	0.12	< 0.1	1.18	< 0.05	723	< 2	< 1	0.020	0.98	< 0.1	< 100	< 0.05
W1477232	< 0.1	< 0.3	0.63	76	8.89	0.63	0.5	2.3	< 0.05	0.310	0.09	< 0.05	< 0.1	2.80	0.09	598	< 2	< 1	0.010	0.92	< 0.1	< 100	< 0.05
W1477234	< 0.1	< 0.3	10.6	184	23.2	2.07	0.8	1.4	< 0.05	4.51	< 0.05	< 0.05	< 0.1	0.82	< 0.05	688	< 2	< 1	0.020	0.76	< 0.1	< 100	< 0.05
W1477236	< 0.1	< 0.3	22.8	77	33.4	2.39	1.2	2.0	< 0.05	3.71	< 0.05	< 0.05	< 0.1	0.86	< 0.05	825	< 2	< 1	0.040	0.92	< 0.1	< 100	< 0.05
W1477238	< 0.1	< 0.3	35.5	85	30.5	2.60	0.9	1.4	< 0.05	3.28	< 0.05	< 0.05	< 0.1	0.74	< 0.05	843	< 2	< 1	0.020	0.96	< 0.1	< 100	< 0.05
W1477240	< 0.1	< 0.3	18.6	87	26.6	2.88	3.7	3.1	< 0.05	3.15	< 0.05	< 0.05	< 0.1	1.70	< 0.05	710	< 2	< 1	0.060	0.84	0.4	< 100	< 0.05
W1477242	< 0.1	< 0.3	12.6	137	19.5	3.07	3.6	3.5	< 0.05	2.81	0.08	0.20	< 0.1	0.94	0.24	1150	< 2	2	0.020	1.94	< 0.1	< 100	< 0.05
W1477244	< 0.1	< 0.3	9.79	168	21.3	3.32	5.1	4.8	0.16	3.62	0.14	0.17	< 0.1	1.02	2.49	1170	< 2	2	0.070	2.24	1.8	< 100	< 0.05
W1477246	< 0.1	< 0.3	7.19	90	13.1	1.36	2.2	2.3	< 0.05	1.56	0.11	0.17	< 0.1	0.96	1.12	908	< 2	< 1	0.070	1.50	< 0.1	< 100	< 0.05
W1477248	< 0.1	< 0.3	< 0.01	958	4.49	1.52	7.8	39.9	0.90	3.13	< 0.05	4.62	< 0.1	< 0.01	< 0.05	72000	< 2	87	0.160	23.1	< 0.1	< 100	< 0.05
W1477250	< 0.1	< 0.3	5.85	776	6.23	3.24	11.1	62.0	0.96	3.72	< 0.05	2.85	< 0.1	< 0.01	< 0.05	58300	< 2	41	0.260	21.4	< 0.1	< 100	< 0.05
W1477252	< 0.1	< 0.3	2.90	102	13.3	0.55	2.6	27.9	< 0.05	0.750	< 0.05	0.42	< 0.1	1.08	3.08	4900	< 2	< 1	0.110	3.40	< 0.1	< 100	< 0.05

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS01918	0.3	< 0.01	< 0.05	40	3.67	7.5	< 0.3	0.440	< 0.05	< 0.1	0.010	0.500	13.8
WS01920	0.3	0.10	< 0.05	< 2	3.06	10.2	< 0.3	0.470	< 0.05	< 0.1	0.010	0.420	15.1
WS01922	0.4	< 0.01	< 0.05	< 2	3.92	7.8	< 0.3	0.550	< 0.05	< 0.1	0.020	0.600	14.5
WS01924	0.4	< 0.01	< 0.05	29	4.00	12.9	7.4	0.510	< 0.05	< 0.1	0.020	< 0.005	9.00
WS01926	0.3	0.23	< 0.05	23	3.76	9.3	4.4	0.400	< 0.05	< 0.1	< 0.001	0.520	14.7
WS01928	0.4	0.17	< 0.05	16	4.66	8.4	< 0.3	0.540	< 0.05	< 0.1	0.010	0.520	14.9
WS01930	0.4	0.15	< 0.05	27	4.16	9.6	4.3	0.500	< 0.05	< 0.1	0.020	0.540	14.2
WS01932	0.5	0.28	< 0.05	< 2	4.43	9.3	6.6	0.520	0.08	< 0.1	0.010	0.500	15.3
WS01934	0.5	0.23	< 0.05	14	4.32	10.8	4.0	0.480	< 0.05	< 0.1	0.010	0.400	13.6
WS01936	0.7	< 0.01	< 0.05	< 2	4.23	12.0	5.3	0.570	< 0.05	< 0.1	0.020	0.460	14.8
WS01938	0.4	< 0.01	< 0.05	16	2.88	6.3	< 0.3	0.380	< 0.05	< 0.1	< 0.001	< 0.005	9.80
WS01940	0.5	< 0.01	< 0.05	45	4.12	9.3	5.9	0.530	< 0.05	< 0.1	0.010	0.600	11.5
WS01942	0.5	< 0.01	< 0.05	< 2	3.69	9.0	< 0.3	0.620	< 0.05	< 0.1	0.020	0.320	12.0
WS01944	0.7	< 0.01	< 0.05	223	4.41	9.0	8.3	0.700	< 0.05	< 0.1	0.020	0.430	15.8
WS01946	0.4	< 0.01	< 0.05	101	4.25	7.8	9.3	0.830	< 0.05	< 0.1	0.010	0.540	15.3
WS01948	0.6	< 0.01	< 0.05	94	5.33	12.9	9.5	0.760	< 0.05	< 0.1	0.020	0.620	15.1
WS01950	0.6	< 0.01	< 0.05	76	4.59	10.8	10.7	0.780	< 0.05	< 0.1	0.020	0.690	15.3
WS01734	4.6	1.07	< 0.05	83	38.9	85.2	14.1	5.27	0.43	< 0.1	0.140	3.25	15.1
WS01736	1.8	0.43	< 0.05	81	15.0	33.3	12.0	2.19	0.19	< 0.1	0.080	1.37	15.1
WS01738	1.9	0.33	< 0.05	41	16.1	41.7	12.4	2.35	0.20	< 0.1	0.060	1.77	15.7
WS01740	1.0	< 0.01	< 0.05	32	8.87	20.1	7.8	1.27	0.09	< 0.1	0.020	0.920	15.8
WS01742	0.8	< 0.01	< 0.05	47	6.37	11.7	9.8	1.01	< 0.05	< 0.1	0.030	1.18	15.2
WS01744	1.0	< 0.01	< 0.05	< 2	6.71	14.7	9.8	1.00	< 0.05	< 0.1	0.030	0.760	14.5
WS01746	0.4	< 0.01	< 0.05	< 2	5.87	11.7	6.8	0.820	< 0.05	< 0.1	0.030	0.580	14.9
WS01748	0.6	0.30	< 0.05	36	7.38	19.5	7.7	1.05	0.05	< 0.1	0.020	0.920	14.8
WS01750	0.7	< 0.01	< 0.05	38	6.95	17.1	8.5	0.960	< 0.05	< 0.1	0.020	0.660	15.6
WS02002	0.6	< 0.01	< 0.05	63	4.54	9.3	10.3	0.650	< 0.05	< 0.1	0.020	0.490	14.8
WS02003A	0.3	< 0.01	< 0.05	50	3.76	8.1	< 0.3	0.520	< 0.05	< 0.1	0.020	0.540	15.1
WS02006	0.8	< 0.01	< 0.05	70	5.06	14.1	8.8	0.750	< 0.05	< 0.1	0.020	< 0.005	15.3
WS02008	0.5	< 0.01	< 0.05	< 2	4.62	7.8	4.0	0.580	< 0.05	< 0.1	0.010	< 0.005	15.6
WS02010	0.7	0.21	< 0.05	58	8.16	12.3	8.5	1.00	< 0.05	< 0.1	0.030	0.550	15.4
WS02012	0.9	< 0.01	< 0.05	< 2	8.43	15.0	7.1	1.19	< 0.05	< 0.1	0.030	0.690	15.0
WS02014	0.7	< 0.01	< 0.05	14	5.70	9.9	< 0.3	0.810	0.07	< 0.1	0.010	0.370	15.3
WS02016	0.4	< 0.01	< 0.05	< 2	5.46	22.2	< 0.3	0.700	< 0.05	< 0.1	0.020	0.330	15.2
WS02018	0.6	< 0.01	< 0.05	33	5.61	11.1	< 0.3	0.770	< 0.05	< 0.1	0.020	0.390	15.6
WS02020	0.3	< 0.01	< 0.05	< 2	3.27	6.9	< 0.3	0.430	< 0.05	< 0.1	< 0.001	0.320	12.3
WS02022	0.4	< 0.01	< 0.05	< 2	4.08	7.2	5.4	0.520	< 0.05	< 0.1	0.010	0.350	10.2
WS02024	0.4	< 0.01	< 0.05	< 2	4.38	7.8	< 0.3	0.720	< 0.05	< 0.1	< 0.001	< 0.005	14.7
WS02026	0.5	< 0.01	< 0.05	< 2	7.68	15.3	9.9	1.12	< 0.05	< 0.1	0.040	0.470	15.2
WS02028	0.8	0.36	< 0.05	37	7.92	10.8	10.4	1.05	< 0.05	< 0.1	0.020	0.590	15.6
WS02030	0.7	< 0.01	< 0.05	47	6.39	14.4	5.4	0.870	0.06	< 0.1	0.020	0.460	15.6
WS02032	0.7	< 0.01	< 0.05	60	6.96	12.6	< 0.3	1.06	0.08	< 0.1	0.010	0.460	15.5

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02034	0.5	0.41	< 0.05	54	4.86	6.9	9.1	0.590	< 0.05	< 0.1	0.010	0.310	15.7
WS02036	0.2	< 0.01	< 0.05	< 2	4.32	6.0	< 0.3	0.570	< 0.05	< 0.1	0.020	< 0.005	15.1
WS02038	0.6	< 0.01	< 0.05	51	4.92	6.6	< 0.3	0.660	< 0.05	< 0.1	0.030	< 0.005	15.3
WS02040	0.5	0.38	< 0.05	< 2	5.31	9.3	10.4	0.630	< 0.05	< 0.1	0.020	0.350	15.5
WS02042	0.4	< 0.01	< 0.05	< 2	3.51	5.1	< 0.3	0.510	< 0.05	< 0.1	0.010	0.260	15.3
WS02044	0.6	< 0.01	< 0.05	< 2	5.34	12.3	< 0.3	0.860	< 0.05	< 0.1	0.020	0.570	15.4
WS02046	0.6	< 0.01	< 0.05	19	3.81	6.3	< 0.3	0.580	< 0.05	< 0.1	0.010	0.350	15.3
WS02048	0.3	< 0.01	< 0.05	< 2	3.51	6.6	< 0.3	0.490	< 0.05	< 0.1	< 0.001	< 0.005	11.1
WS02050	0.3	< 0.01	< 0.05	< 2	3.90	7.8	5.8	0.570	< 0.05	< 0.1	0.020	0.250	12.2
WS02052	0.4	0.18	< 0.05	< 2	3.63	6.6	< 0.3	0.480	< 0.05	< 0.1	< 0.001	< 0.005	12.8
WS02054	0.4	< 0.01	< 0.05	< 2	4.05	7.5	5.7	0.650	< 0.05	< 0.1	0.010	< 0.005	10.9
WS02056	0.6	< 0.01	< 0.05	< 2	3.48	8.4	< 0.3	0.510	< 0.05	< 0.1	0.010	0.500	10.0
WS02058	0.7	0.26	< 0.05	18	5.40	9.6	< 0.3	0.910	0.06	< 0.1	0.020	0.440	15.1
WS02060	0.6	0.29	< 0.05	< 2	5.28	8.1	< 0.3	0.810	< 0.05	< 0.1	0.020	0.520	15.4
WS02062	0.6	< 0.01	< 0.05	66	6.93	15.3	6.4	1.09	< 0.05	< 0.1	0.030	0.680	14.7
WS02064	0.6	< 0.01	< 0.05	32	5.79	11.7	7.5	0.850	0.06	< 0.1	0.020	< 0.005	15.7
WS02066	0.2	0.08	< 0.05	14	3.64	7.2	4.2	0.560	< 0.05	< 0.1	< 0.001	0.450	15.2
WS02068	0.3	0.08	< 0.05	19	3.82	7.6	4.2	0.580	< 0.05	< 0.1	< 0.001	0.450	15.0
WS02070	0.3	< 0.01	< 0.05	21	2.94	5.6	5.1	0.460	< 0.05	< 0.1	< 0.001	0.340	15.0
WS02072	0.2	0.05	< 0.05	42	3.68	8.0	5.2	0.550	< 0.05	< 0.1	< 0.001	0.310	15.2
WS02074	0.7	0.21	< 0.05	18	10.2	18.8	10.3	1.50	0.10	< 0.1	< 0.001	0.950	15.2
WS02076	0.3	0.08	< 0.05	12	4.02	8.4	< 0.3	0.590	< 0.05	< 0.1	< 0.001	0.450	15.0
WS02078	0.2	0.08	< 0.05	9	2.24	4.8	< 0.3	0.300	< 0.05	< 0.1	0.010	0.220	15.1
WS02080	0.3	0.03	< 0.05	19	3.43	6.8	2.2	0.490	< 0.05	< 0.1	< 0.001	0.290	13.4
WS02082	0.2	< 0.01	< 0.05	< 2	2.77	4.4	< 0.3	0.470	< 0.05	< 0.1	< 0.001	0.280	15.0
WS02084	0.2	< 0.01	< 0.05	16	2.83	6.4	< 0.3	0.460	< 0.05	< 0.1	< 0.001	0.290	15.1
WS02086	0.2	< 0.01	< 0.05	14	3.89	8.0	< 0.3	0.580	< 0.05	< 0.1	< 0.001	0.400	15.1
WS02088	0.2	0.10	< 0.05	12	2.87	6.0	< 0.3	0.460	< 0.05	< 0.1	< 0.001	0.430	15.0
WS02090	0.3	0.09	< 0.05	12	4.55	10.4	< 0.3	0.650	< 0.05	< 0.1	< 0.001	0.520	15.1
WS02092	1.6	0.44	< 0.05	42	22.6	47.2	8.2	3.66	0.23	< 0.1	0.020	2.15	15.0
WS02094	0.5	< 0.01	< 0.05	77	7.24	11.6	5.2	1.11	< 0.05	< 0.1	< 0.001	0.580	15.0
WS02096	0.8	0.19	< 0.05	61	11.6	29.5	5.3	1.58	0.10	< 0.1	< 0.001	1.18	15.1
WS02098	1.0	0.25	< 0.05	119	9.97	21.5	7.7	1.54	0.07	< 0.1	< 0.001	0.820	15.1
WS02100	0.5	0.16	< 0.05	32	8.58	19.5	7.0	1.26	0.06	< 0.1	< 0.001	0.620	15.0
WS02102	0.2	< 0.01	< 0.05	< 2	3.22	7.5	3.8	0.500	< 0.05	< 0.1	< 0.001	0.270	15.0
WS02104	0.3	< 0.01	< 0.05	12	3.60	8.5	1.6	0.520	< 0.05	< 0.1	< 0.001	0.310	15.1
WS02106	0.3	< 0.01	< 0.05	26	3.89	10.0	1.9	0.530	< 0.05	< 0.1	< 0.001	0.340	13.0
WS02108	0.3	< 0.01	< 0.05	14	2.77	6.0	1.4	0.400	< 0.05	< 0.1	< 0.001	0.390	12.1
WS02110	0.2	0.05	< 0.05	9	3.57	9.5	1.2	0.480	< 0.05	< 0.1	< 0.001	0.270	15.0
WS02112	0.3	0.05	< 0.05	< 2	3.26	8.0	2.9	0.490	< 0.05	< 0.1	< 0.001	0.280	15.1
WS02114	0.2	< 0.01	< 0.05	< 2	2.73	6.0	0.8	0.400	< 0.05	< 0.1	< 0.001	0.280	15.0
WS02116	0.2	0.09	< 0.05	< 2	2.42	7.0	2.1	0.330	< 0.05	< 0.1	< 0.001	< 0.005	13.8

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02118	0.2	< 0.01	< 0.05	7	3.01	6.0	< 0.3	0.420	< 0.05	< 0.1	< 0.001	0.360	15.1
WS02120	0.2	< 0.01	< 0.05	< 2	2.31	7.5	2.2	0.330	< 0.05	< 0.1	< 0.001	0.250	13.6
WS02122	0.3	< 0.01	< 0.05	18	3.99	9.0	1.9	0.520	< 0.05	< 0.1	< 0.001	0.430	12.9
WS02124	0.3	0.05	< 0.05	17	3.53	7.4	3.2	0.399	< 0.05	< 0.1	0.010	0.310	15.0
WS02126	0.3	0.17	< 0.05	8	3.78	8.6	3.2	0.453	< 0.05	< 0.1	0.010	0.290	15.0
WS02128	0.3	0.08	< 0.05	6	3.70	7.0	3.7	0.417	< 0.05	< 0.1	0.010	0.310	15.0
WS02130	0.5	< 0.01	< 0.05	9	5.03	10.6	6.8	0.667	< 0.05	< 0.1	0.010	0.480	15.0
WS02132	0.4	< 0.01	< 0.05	< 2	5.68	12.0	5.4	0.762	< 0.05	< 0.1	0.010	0.440	15.0
WS02134	0.3	0.07	< 0.05	18	5.22	10.0	3.8	0.658	< 0.05	< 0.1	0.010	0.470	15.0
WS02136	0.4	< 0.01	< 0.05	11	7.03	16.0	8.9	0.877	< 0.05	< 0.1	0.010	0.530	15.0
WS02138	0.6	< 0.01	< 0.05	12	6.38	14.0	5.2	0.802	< 0.05	< 0.1	0.010	0.430	15.0
WS02140	0.4	0.08	< 0.05	< 2	4.32	9.6	3.1	0.597	< 0.05	< 0.1	0.020	0.350	15.0
WS02142	0.3	< 0.01	< 0.05	13	2.60	6.0	4.3	0.326	< 0.05	< 0.1	< 0.001	0.100	15.0
WS02144	0.3	0.07	< 0.05	5	3.20	7.2	3.9	0.399	< 0.05	< 0.1	0.010	0.280	15.0
WS02146	0.3	0.04	< 0.05	6	3.58	8.8	4.6	0.455	< 0.05	< 0.1	0.010	0.280	15.0
WS02148	0.4	0.13	< 0.05	< 2	4.40	8.2	3.0	0.546	< 0.05	< 0.1	0.010	0.130	15.0
WS02150	0.2	< 0.01	< 0.05	< 2	3.88	10.4	6.9	0.519	< 0.05	< 0.1	0.010	0.300	15.1
WS02152	0.3	< 0.01	< 0.05	7	4.20	8.4	4.1	0.495	< 0.05	< 0.1	0.010	0.300	15.0
WS02154	0.4	0.05	< 0.05	24	4.55	9.0	3.4	0.549	< 0.05	< 0.1	0.010	0.290	15.0
WS02156	0.3	0.03	< 0.05	9	3.55	7.0	1.4	0.495	< 0.05	< 0.1	0.010	0.260	15.0
WS02158	0.4	< 0.01	< 0.05	< 2	5.13	11.2	6.1	0.776	< 0.05	< 0.1	0.020	0.500	15.0
WS02160	0.3	< 0.01	< 0.05	21	3.75	7.8	5.0	0.504	< 0.05	< 0.1	0.010	0.340	15.0
WS02162	0.5	0.23	< 0.05	24	4.93	12.2	2.9	0.549	< 0.05	< 0.1	0.020	0.350	15.1
WS02164	0.4	0.16	< 0.05	30	5.18	11.2	3.7	0.590	< 0.05	< 0.1	0.020	0.410	15.8
WS02166	0.3	0.07	< 0.05	8	3.35	7.4	4.0	0.435	< 0.05	< 0.1	0.010	0.220	11.2
WS02168	0.3	0.05	< 0.05	< 2	3.30	7.6	1.6	0.411	< 0.05	< 0.1	0.010	0.240	15.3
WS02170	0.3	0.06	< 0.05	27	4.30	10.4	3.0	0.540	< 0.05	< 0.1	0.020	0.450	11.3
WS02172	0.2	0.06	< 0.05	< 2	3.13	7.0	4.8	0.361	< 0.05	< 0.1	< 0.001	0.120	10.5
WS02174	0.4	0.17	< 0.05	< 2	3.13	6.4	3.2	0.358	< 0.05	< 0.1	0.020	0.380	11.4
WS02176	0.3	0.05	< 0.05	11	3.35	8.8	6.1	0.429	< 0.05	< 0.1	0.010	0.140	9.80
WS02178	0.3	0.05	< 0.05	13	3.38	6.6	2.0	0.422	< 0.05	< 0.1	0.010	0.120	10.7
WS02180	0.4	0.05	< 0.05	8	4.25	9.4	7.4	0.685	< 0.05	< 0.1	0.010	0.400	14.2
WS02182	0.3	< 0.01	< 0.05	26	3.82	9.4	4.8	0.630	< 0.05	< 0.1	< 0.001	0.470	11.2
WS02184	0.5	0.06	< 0.05	6	5.37	13.2	2.8	0.952	< 0.05	< 0.1	0.020	0.650	15.6
WS02186	0.6	0.11	< 0.05	27	6.38	15.0	5.8	0.963	< 0.05	< 0.1	0.010	0.630	15.6
WS02188	0.3	< 0.01	< 0.05	5	2.96	7.0	1.7	0.501	< 0.05	< 0.1	< 0.001	0.320	9.10
WS02190	0.3	0.07	< 0.05	10	2.61	4.8	1.5	0.406	< 0.05	< 0.1	< 0.001	0.370	12.3
WS02192	0.2	< 0.01	< 0.05	< 2	2.66	7.4	4.4	0.441	< 0.05	< 0.1	< 0.001	0.130	14.5
WS02194	0.3	0.15	< 0.05	9	3.44	7.4	< 0.3	0.578	< 0.05	< 0.1	0.010	0.180	13.9
WS02196	0.3	< 0.01	< 0.05	24	4.11	8.8	3.9	0.542	< 0.05	< 0.1	0.010	0.360	14.5
WS02198	0.6	0.08	< 0.05	43	5.48	11.8	4.1	0.789	< 0.05	< 0.1	0.010	0.510	15.7
WS02200	0.4	< 0.01	< 0.05	26	5.76	12.2	6.3	0.903	< 0.05	< 0.1	0.020	0.660	13.9

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02202	0.3	< 0.01	< 0.05	11	3.34	7.8	4.0	0.523	< 0.05	< 0.1	0.010	0.140	15.5
WS02204	0.3	< 0.01	< 0.05	27	3.76	8.6	4.8	0.562	< 0.05	< 0.1	0.010	0.410	10.0
WS02206	0.4	0.11	< 0.05	9	3.58	8.4	1.9	0.497	< 0.05	< 0.1	< 0.001	0.420	11.1
WS02208	0.4	0.07	< 0.05	15	2.91	6.4	1.6	0.406	< 0.05	< 0.1	0.010	0.390	12.4
WS02210	0.2	< 0.01	< 0.05	7	3.06	7.0	3.4	0.443	< 0.05	0.2	0.010	0.450	11.4
WS02212	0.3	0.09	< 0.05	< 2	3.13	7.4	1.4	0.427	< 0.05	< 0.1	0.010	0.430	9.90
WS02214	0.3	0.05	< 0.05	10	2.90	7.0	1.7	0.410	< 0.05	< 0.1	0.010	0.350	14.4
WS02216	0.2	< 0.01	< 0.05	14	2.96	8.4	4.4	0.452	< 0.05	< 0.1	< 0.001	0.140	14.5
WS02218	0.3	0.10	< 0.05	12	4.33	10.6	4.3	0.649	< 0.05	< 0.1	0.010	0.380	14.8
WS02220	0.4	0.04	< 0.05	14	4.08	8.6	4.2	0.548	< 0.05	< 0.1	0.010	0.380	14.9
WS02222	0.4	0.12	< 0.05	< 2	4.53	11.2	3.8	0.642	< 0.05	< 0.1	0.010	0.460	13.9
WS02224	0.4	0.09	< 0.05	5	5.19	12.0	4.3	0.691	< 0.05	< 0.1	0.010	0.510	15.2
WS02226	0.3	0.06	< 0.05	11	3.44	8.4	3.0	0.597	< 0.05	< 0.1	< 0.001	0.420	14.5
WS02228	0.3	< 0.01	< 0.05	9	3.39	8.0	1.9	0.549	< 0.05	< 0.1	0.010	0.360	15.0
WS02230	0.4	< 0.01	< 0.05	23	3.60	9.0	3.7	0.564	< 0.05	< 0.1	< 0.001	0.160	15.6
WS02232	0.2	< 0.01	< 0.05	23	2.69	6.6	5.3	0.413	< 0.05	< 0.1	< 0.001	0.250	15.5
WS02234	0.4	< 0.01	< 0.05	89	4.83	9.8	6.5	0.768	< 0.05	< 0.1	0.010	0.250	15.6
WS02236	0.3	0.04	< 0.05	48	3.96	8.0	5.1	0.618	< 0.05	< 0.1	0.010	0.380	15.8
WS02238	0.3	< 0.01	< 0.05	11	2.98	7.0	1.5	0.464	< 0.05	< 0.1	0.010	0.290	14.3
WS02240	0.2	< 0.01	< 0.05	7	2.59	4.2	1.0	0.340	< 0.05	< 0.1	< 0.001	0.110	13.9
WS02242	0.3	< 0.01	< 0.05	< 2	2.75	4.8	2.4	0.315	< 0.05	< 0.1	< 0.001	0.100	13.5
WS02244	0.2	< 0.01	< 0.05	15	2.34	4.2	2.8	0.264	< 0.05	< 0.1	< 0.001	0.240	12.0
WS02246	0.3	0.05	< 0.05	11	3.87	5.8	3.1	0.430	< 0.05	< 0.1	0.013	0.390	14.7
WS02248	0.4	< 0.01	< 0.05	7	4.14	7.7	2.8	0.496	< 0.05	< 0.1	0.007	0.290	14.5
WS02250	0.4	< 0.01	< 0.05	9	4.73	7.2	2.5	0.566	< 0.05	< 0.1	0.018	0.510	15.6
WS02252	0.6	0.07	< 0.05	56	5.32	7.5	3.8	0.704	0.07	< 0.1	0.009	0.550	15.0
WS02254	0.8	0.09	< 0.05	15	7.29	11.4	7.7	0.956	0.09	< 0.1	0.010	0.710	15.6
WS02256	0.4	< 0.01	< 0.05	66	3.04	5.4	3.3	0.393	< 0.05	< 0.1	0.009	0.450	10.9
WS02258	0.3	< 0.01	< 0.05	86	3.75	7.5	< 0.3	0.432	< 0.05	< 0.1	0.008	0.420	10.2
WS02260	0.3	< 0.01	< 0.05	43	3.21	5.6	2.5	0.358	< 0.05	< 0.1	0.007	0.340	12.3
WS02262	0.3	< 0.01	< 0.05	54	4.25	8.7	0.9	0.510	< 0.05	< 0.1	0.010	0.490	10.8
WS02264	1.0	0.23	< 0.05	18	16.2	29.9	4.8	1.83	0.17	< 0.1	0.042	1.42	15.3
WS02266	1.0	0.41	< 0.05	40	25.8	51.2	7.3	3.34	0.31	0.2	0.040	1.62	15.4
WS02268	0.6	< 0.01	< 0.05	53	6.84	11.4	6.8	1.03	< 0.05	< 0.1	0.017	0.740	15.4
WS02270	0.4	< 0.01	< 0.05	44	4.23	7.5	3.5	0.624	< 0.05	< 0.1	0.012	0.500	9.10
WS02272	0.6	0.16	< 0.05	69	6.44	10.5	3.7	0.843	< 0.05	< 0.1	0.015	0.660	14.6
WS02274	0.6	< 0.01	< 0.05	122	4.59	11.3	3.3	0.526	< 0.05	< 0.1	0.010	0.280	12.5
WS02276	0.5	0.08	< 0.05	104	4.88	9.6	2.0	0.513	0.05	< 0.1	0.011	0.510	14.8
WS02278	0.8	< 0.01	< 0.05	58	7.49	13.6	8.3	1.09	0.05	< 0.1	0.013	0.790	14.6
WS02280	0.4	< 0.01	< 0.05	25	3.86	7.5	3.0	0.495	< 0.05	< 0.1	0.011	0.350	13.7
WS02282	0.6	0.19	< 0.05	32	6.09	11.1	3.7	0.682	0.05	< 0.1	0.013	0.650	14.5
WS02284	0.6	0.13	< 0.05	83	6.29	12.8	2.7	0.792	< 0.05	< 0.1	0.018	0.660	15.4

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02286	0.3	0.14	< 0.05	51	5.12	8.1	1.2	0.600	0.06	< 0.1	0.009	0.590	12.9
WS02288	0.6	0.04	< 0.05	53	5.80	9.6	5.2	0.771	0.05	< 0.1	0.015	0.560	15.7
WS02290	0.6	0.15	< 0.05	60	6.12	11.1	4.1	0.758	0.05	< 0.1	0.013	0.600	15.5
WS02292	0.4	< 0.01	< 0.05	23	4.92	10.1	3.7	0.718	0.05	< 0.1	0.012	0.560	15.7
WS02294	0.4	0.08	< 0.05	91	4.25	7.3	1.4	0.474	< 0.05	< 0.1	0.011	0.470	14.8
WS02296	0.4	< 0.01	< 0.05	36	3.69	6.4	3.1	0.431	< 0.05	< 0.1	0.010	0.420	11.2
WS02298	0.3	0.09	< 0.05	21	3.71	6.3	4.0	0.452	< 0.05	< 0.1	0.012	0.386	10.9
WS02300	0.3	< 0.01	< 0.05	26	3.08	6.0	3.3	0.434	< 0.05	< 0.1	0.013	0.118	9.10
WS02302	0.3	0.05	< 0.05	37	4.44	9.3	3.0	0.611	< 0.05	< 0.1	0.008	0.384	10.3
WS02304	0.8	0.12	< 0.05	62	8.31	16.8	5.8	1.22	0.08	< 0.1	0.017	0.636	15.6
WS02306	0.4	0.03	< 0.05	29	4.66	10.7	6.4	0.666	< 0.05	< 0.1	0.012	0.314	15.9
WS02308	0.3	0.08	< 0.05	42	2.84	6.5	4.4	0.378	< 0.05	< 0.1	0.001	0.292	9.10
WS02310	0.3	< 0.01	< 0.05	9	4.11	8.8	2.3	0.552	< 0.05	< 0.1	0.006	0.332	15.2
WS02312	0.3	< 0.01	< 0.05	68	2.33	5.2	< 0.3	0.310	< 0.05	< 0.1	0.002	0.062	8.60
WS02314	0.4	0.06	< 0.05	30	2.94	6.1	1.9	0.364	< 0.05	< 0.1	0.007	0.124	9.60
WS02316	0.3	0.20	< 0.05	32	3.70	7.7	2.0	0.496	< 0.05	< 0.1	0.016	0.338	14.7
WS02318	0.5	0.05	< 0.05	35	5.61	11.4	3.8	0.771	< 0.05	< 0.1	0.021	0.506	11.5
WS02320	0.4	0.23	< 0.05	46	4.50	9.5	1.6	0.497	< 0.05	< 0.1	0.021	0.546	14.5
WS02322	0.3	0.08	< 0.05	44	3.80	8.4	3.7	0.492	< 0.05	< 0.1	0.014	0.362	13.9
WS02324	0.6	0.05	< 0.05	43	5.60	11.9	4.7	0.802	< 0.05	< 0.1	0.025	0.502	14.5
WS02326	0.3	< 0.01	< 0.05	12	3.86	8.4	5.6	0.555	< 0.05	< 0.1	0.007	0.382	14.8
WS02328	0.4	< 0.01	< 0.05	11	4.38	8.4	2.7	0.687	< 0.05	< 0.1	0.013	0.414	15.2
WS02330	0.3	0.04	< 0.05	26	4.04	9.1	4.0	0.608	< 0.05	< 0.1	0.011	0.494	15.4
WS02332	2.4	2.46	< 0.05	< 2	39.4	80.7	12.5	5.78	0.40	0.3	0.011	2.70	15.9
WS02334	1.0	0.18	< 0.05	15	12.3	27.8	6.8	1.77	0.05	< 0.1	0.023	1.22	15.2
WS02336	0.4	0.08	< 0.05	11	5.45	10.7	5.4	0.770	< 0.05	< 0.1	0.009	0.482	15.1
WS02338	0.6	0.07	< 0.05	8	4.19	9.3	4.3	0.569	< 0.05	< 0.1	0.015	0.408	15.1
WS02340	0.3	< 0.01	< 0.05	12	2.58	4.7	7.3	0.452	< 0.05	< 0.1	< 0.001	0.280	14.5
WS02342	0.3	0.05	< 0.05	71	3.23	7.5	2.1	0.462	< 0.05	< 0.1	0.009	0.356	10.3
WS02344	0.3	< 0.01	< 0.05	34	3.66	8.6	2.3	0.541	< 0.05	< 0.1	0.011	0.474	14.4
WS02346	0.4	0.09	< 0.05	56	3.96	9.3	6.4	0.540	< 0.05	< 0.1	0.012	0.354	10.8
WS02348	0.3	0.06	< 0.05	62	3.59	7.9	4.2	0.483	< 0.05	< 0.1	0.016	0.284	11.4
WS02350	0.3	0.20	< 0.05	168	3.54	8.0	2.0	0.449	< 0.05	< 0.1	0.017	0.442	9.00
WS02352	0.3	0.03	< 0.05	34	3.43	8.0	3.1	0.496	< 0.05	< 0.1	0.010	0.298	12.5
WS02354	0.4	< 0.01	< 0.05	23	4.40	11.0	8.8	0.789	< 0.05	< 0.1	0.023	0.456	14.0
WS02356	0.2	< 0.01	< 0.05	27	1.82	4.8	< 0.3	0.292	< 0.05	< 0.1	< 0.001	0.280	14.5
WS02358	0.2	< 0.01	< 0.05	49	2.26	4.4	2.0	0.334	< 0.05	< 0.1	< 0.001	0.100	15.6
WS02360	0.3	< 0.01	< 0.05	44	4.17	9.2	7.3	0.632	< 0.05	< 0.1	0.009	0.410	15.3
WS02362	0.3	< 0.01	< 0.05	28	2.68	7.6	7.8	0.439	< 0.05	< 0.1	< 0.001	0.170	15.8
WS02364	0.3	< 0.01	< 0.05	11	3.96	9.2	3.8	0.581	< 0.05	< 0.1	0.007	0.180	15.6
WS02366	0.3	< 0.01	< 0.05	13	3.35	8.8	4.3	0.513	< 0.05	< 0.1	0.012	0.220	12.8
WS02368	0.2	< 0.01	< 0.05	41	2.62	6.6	< 0.3	0.420	< 0.05	< 0.1	0.009	0.180	15.1

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02370	0.4	< 0.01	< 0.05	9	3.79	7.4	< 0.3	0.612	< 0.05	< 0.1	0.004	0.190	13.1
WS02372	0.3	< 0.01	< 0.05	30	4.41	13.2	3.8	0.859	< 0.05	< 0.1	0.012	0.470	15.7
WS02374	0.3	0.05	< 0.05	72	4.00	9.0	3.0	0.588	< 0.05	< 0.1	0.009	0.450	12.9
WS02376	0.4	0.13	< 0.05	81	3.91	9.2	3.3	0.556	< 0.05	< 0.1	0.007	0.380	12.4
WS02378	0.3	< 0.01	< 0.05	92	3.97	10.8	4.0	0.686	< 0.05	< 0.1	0.011	0.220	9.90
WS02380	0.4	< 0.01	< 0.05	73	3.11	8.2	4.1	0.481	< 0.05	< 0.1	0.001	0.160	9.20
WS02382	0.3	0.04	< 0.05	45	3.70	9.8	4.2	0.590	< 0.05	< 0.1	0.010	0.330	15.0
WS02384	0.4	0.04	< 0.05	87	4.38	11.4	3.9	0.746	0.05	< 0.1	0.011	0.510	15.0
WS02386	0.4	0.05	< 0.05	24	4.02	10.4	4.6	0.644	< 0.05	< 0.1	0.007	0.500	13.9
WS02388	0.5	0.06	< 0.05	51	5.56	14.8	7.6	0.977	0.05	< 0.1	0.014	0.760	15.0
WS02390	0.4	0.15	< 0.05	33	4.74	11.0	5.7	0.838	< 0.05	< 0.1	0.008	0.550	15.1
WS02392	0.4	0.04	< 0.05	18	4.99	12.6	6.1	0.919	< 0.05	< 0.1	0.011	0.620	15.3
WS02394	0.3	0.10	< 0.05	30	4.11	9.8	3.8	0.599	< 0.05	< 0.1	0.017	0.510	10.5
WS02396	0.4	< 0.01	< 0.05	85	3.40	8.6	2.3	0.509	< 0.05	< 0.1	0.005	0.150	10.4
WS02398	0.4	0.04	< 0.05	63	3.53	10.4	1.6	0.541	< 0.05	< 0.1	0.014	0.150	11.5
WS02400	0.3	0.09	< 0.05	82	3.65	10.8	3.3	0.523	< 0.05	< 0.1	0.004	0.470	11.7
WS02402	0.3	0.09	< 0.05	62	3.06	8.6	4.2	0.511	0.05	< 0.1	0.012	0.180	14.3
WS02404	0.3	0.03	< 0.05	46	3.38	8.8	2.8	0.546	< 0.05	< 0.1	0.008	0.380	11.2
WS02406	0.4	< 0.01	< 0.05	91	3.25	8.8	0.9	0.518	< 0.05	< 0.1	0.005	0.440	9.10
WS02408	0.3	0.12	< 0.05	15	2.84	5.0	3.2	0.420	< 0.05	< 0.1	0.007	0.140	12.0
WS02410	0.3	0.16	< 0.05	55	3.73	9.6	3.3	0.614	< 0.05	< 0.1	< 0.001	0.170	12.0
WS02412	0.3	0.06	< 0.05	63	2.99	7.8	2.7	0.530	< 0.05	< 0.1	0.005	0.490	9.00
WS02414	0.3	< 0.01	< 0.05	33	2.51	5.2	1.0	0.339	< 0.05	< 0.1	< 0.001	< 0.005	9.30
WS02416	0.3	< 0.01	< 0.05	115	3.44	7.0	3.9	0.479	< 0.05	< 0.1	0.008	0.400	13.5
WS02418	0.3	< 0.01	< 0.05	35	3.21	8.0	5.7	0.541	< 0.05	< 0.1	0.007	0.490	14.9
WS02420	0.3	< 0.01	< 0.05	31	2.55	5.8	2.3	0.356	< 0.05	< 0.1	0.004	0.130	9.10
WS02422	0.4	0.12	< 0.05	93	3.46	7.2	2.1	0.405	< 0.05	< 0.1	0.006	0.570	9.90
WS02424	0.4	0.08	< 0.05	70	2.56	6.4	2.3	0.330	< 0.05	< 0.1	0.004	0.340	10.8
WS02426	0.3	0.19	< 0.05	128	2.90	8.2	2.8	0.373	< 0.05	< 0.1	0.011	0.380	9.80
WS02428	0.4	0.22	< 0.05	83	4.34	11.4	3.7	0.566	0.06	< 0.1	0.012	0.480	14.6
WS02430	0.4	0.09	< 0.05	77	4.97	12.4	3.0	0.692	0.06	< 0.1	0.012	0.520	15.7
WS02432	0.3	< 0.01	< 0.05	94	3.59	10.8	4.2	0.485	< 0.05	< 0.1	0.014	0.500	9.40
WS02434	0.3	0.09	< 0.05	98	3.43	8.6	0.9	0.422	< 0.05	< 0.1	0.005	0.380	11.5
WS02436	0.4	0.08	< 0.05	52	3.20	9.4	2.3	0.459	< 0.05	< 0.1	0.012	0.420	15.5
WS02438	0.6	0.07	< 0.05	85	4.44	10.8	4.7	0.636	0.06	< 0.1	0.013	0.640	10.4
WS02440	0.3	< 0.01	< 0.05	53	3.16	6.6	4.8	0.456	< 0.05	< 0.1	0.007	0.110	15.2
WS02442	0.4	< 0.01	< 0.05	41	3.12	5.0	7.4	0.447	< 0.05	< 0.1	0.004	0.160	15.6
WS02444	0.3	< 0.01	< 0.05	30	2.56	5.2	3.5	0.369	< 0.05	< 0.1	< 0.001	0.120	15.4
WS02446	0.3	< 0.01	< 0.05	32	3.57	7.4	6.8	0.516	< 0.05	< 0.1	0.014	0.540	15.3
WS02448	0.4	< 0.01	< 0.05	11	3.48	7.8	2.9	0.531	< 0.05	< 0.1	0.009	0.410	15.1
WS02450	0.4	< 0.01	< 0.05	39	3.79	8.0	3.3	0.550	< 0.05	< 0.1	0.011	0.630	15.2
WS02452	0.3	< 0.01	< 0.05	15	3.44	6.8	2.8	0.476	< 0.05	< 0.1	< 0.001	0.340	15.6

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS02454	0.4	0.08	< 0.05	73	3.33	8.8	2.1	0.458	< 0.05	< 0.1	0.006	0.540	15.8
WS02456	7.1	0.68	< 0.05	< 2	75.8	184	19.8	10.1	0.86	< 0.1	0.032	6.31	15.9
WS02458	1.9	0.38	< 0.05	34	17.6	46.0	7.1	2.58	0.24	< 0.1	0.032	1.96	15.5
WS02460	0.9	0.18	< 0.05	33	7.66	18.0	5.7	1.12	< 0.05	< 0.1	0.020	0.940	15.6
WS02462	0.7	0.05	< 0.05	58	7.20	18.4	5.8	1.23	0.08	< 0.1	0.017	0.790	15.1
WS02464	0.9	0.06	< 0.05	185	8.88	27.0	5.6	1.55	0.09	< 0.1	0.018	1.08	15.6
WS02466	0.4	0.22	< 0.05	13	4.73	11.8	4.3	0.742	0.06	< 0.1	0.007	0.470	15.3
WS02468	0.4	< 0.01	< 0.05	43	3.53	10.0	3.3	0.532	< 0.05	< 0.1	0.008	0.330	13.3
WS02470	0.3	< 0.01	< 0.05	19	3.15	8.8	0.9	0.430	< 0.05	< 0.1	< 0.001	0.370	10.2
WS02472	0.3	0.03	< 0.05	25	3.75	11.0	5.1	0.541	< 0.05	< 0.1	0.012	0.140	10.8
WS02474	0.4	0.05	< 0.05	40	3.92	12.0	3.5	0.525	< 0.05	< 0.1	0.009	0.410	10.1
WS02476	0.7	0.08	< 0.05	43	4.30	10.4	3.8	0.591	< 0.05	< 0.1	0.012	0.410	10.6
WS02478	0.5	0.06	< 0.05	23	3.84	9.6	3.5	0.546	< 0.05	< 0.1	0.025	0.410	13.4
WS02480	0.4	0.09	< 0.05	37	4.33	10.6	3.9	0.603	< 0.05	< 0.1	0.017	0.490	10.3
WS02482	0.3	< 0.01	< 0.05	44	3.57	8.8	4.7	0.519	< 0.05	< 0.1	0.014	0.470	9.00
WS02484	0.6	< 0.01	< 0.05	122	4.78	12.8	11.9	0.918	< 0.05	< 0.1	0.019	0.230	15.0
WS02486	0.4	0.05	< 0.05	52	3.81	11.2	5.1	0.615	< 0.05	< 0.1	< 0.001	0.160	15.3
WS02488	0.4	< 0.01	< 0.05	19	4.12	8.8	6.7	0.626	< 0.05	< 0.1	0.015	0.180	15.3
WS02490	0.3	< 0.01	< 0.05	156	3.61	6.8	8.5	0.547	< 0.05	< 0.1	< 0.001	0.210	15.9
WS02492	0.4	< 0.01	< 0.05	13	4.10	9.8	9.1	0.684	< 0.05	< 0.1	0.009	0.420	15.2
WS02494	0.6	< 0.01	< 0.05	39	4.40	9.6	4.2	0.696	< 0.05	< 0.1	0.017	0.480	15.3
WS02496	0.4	0.14	< 0.05	38	3.79	8.8	4.8	0.561	< 0.05	< 0.1	0.015	0.370	15.7
WS02498	0.3	0.12	< 0.05	38	3.90	12.4	2.0	0.611	< 0.05	< 0.1	0.020	0.390	12.0
WS02500	0.4	0.23	< 0.05	21	4.35	10.0	5.7	0.561	< 0.05	< 0.1	0.017	0.440	15.0
W1477002	0.6	< 0.01	< 0.05	12	5.09	14.0	12.1	0.977	0.06	< 0.1	0.024	0.540	15.9
W1477004	0.3	< 0.01	< 0.05	32	3.66	11.0	3.3	0.647	< 0.05	< 0.1	0.014	0.330	14.8
W1477006	1.0	1.22	< 0.05	56	12.0	30.2	10.1	2.08	0.16	< 0.1	0.037	1.51	14.5
W1477008	0.9	0.30	< 0.05	41	8.26	20.4	8.4	1.39	0.08	< 0.1	0.018	0.890	15.5
W1477010	0.6	0.05	< 0.05	30	7.05	18.0	6.7	1.11	0.06	< 0.1	0.018	0.620	15.1
W1477012	0.9	0.19	< 0.05	23	6.96	18.4	13.8	1.11	< 0.05	< 0.1	0.026	0.820	15.7
W1477014	0.8	0.12	< 0.05	43	5.81	13.0	5.8	0.882	< 0.05	< 0.1	0.016	0.570	15.3
W1477016	0.4	< 0.01	< 0.05	81	5.65	14.8	11.5	0.980	< 0.05	< 0.1	0.014	0.550	15.7
W1477018	0.4	< 0.01	< 0.05	134	3.79	9.2	8.2	0.652	< 0.05	< 0.1	0.010	0.400	15.3
W1477020	0.4	< 0.01	< 0.05	41	3.75	10.0	7.4	0.652	< 0.05	< 0.1	0.021	0.480	15.2
W1477022	0.4	< 0.01	< 0.05	23	3.71	9.4	7.9	0.591	< 0.05	< 0.1	0.009	0.500	15.0
W1477024	0.4	0.05	< 0.05	11	3.98	10.4	10.6	0.717	< 0.05	< 0.1	0.031	0.650	15.4
W1477026	0.5	0.05	< 0.05	19	3.88	8.2	7.3	0.632	< 0.05	< 0.1	0.025	0.480	15.1
W1477028	0.4	< 0.01	< 0.05	41	5.00	10.6	8.0	0.698	< 0.05	< 0.1	0.012	0.380	15.2
W1477030	0.4	< 0.01	< 0.05	36	4.72	10.2	5.4	0.743	< 0.05	< 0.1	0.010	0.492	14.7
W1477032	0.4	< 0.01	< 0.05	30	5.10	9.6	6.5	0.731	< 0.05	< 0.1	0.010	0.420	15.2
W1477034	0.3	0.06	< 0.05	5	4.44	8.6	5.7	0.606	< 0.05	< 0.1	< 0.001	0.360	15.2
W1477036	0.3	< 0.01	< 0.05	25	3.93	9.2	< 0.3	0.551	< 0.05	< 0.1	0.010	0.354	15.2

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
W1477038	0.3	< 0.01	< 0.05	60	3.04	6.4	< 0.3	0.388	< 0.05	< 0.1	0.010	0.264	15.0
W1477040	0.6	< 0.01	< 0.05	5	6.30	9.6	8.8	0.876	< 0.05	< 0.1	0.010	0.528	15.6
W1477042	0.3	< 0.01	< 0.05	20	4.59	8.6	7.2	0.669	< 0.05	< 0.1	0.010	0.420	15.4
W1477044	0.3	0.03	< 0.05	8	4.17	9.0	< 0.3	0.576	< 0.05	< 0.1	0.010	0.462	15.1
W1477046	0.6	0.03	< 0.05	9	6.42	11.6	4.8	0.913	< 0.05	< 0.1	0.010	0.522	15.6
W1477048	0.6	0.05	< 0.05	62	8.78	18.0	6.6	1.39	0.08	< 0.1	0.020	0.942	15.6
W1477050	0.8	0.23	< 0.05	37	11.0	22.2	5.3	1.75	0.09	< 0.1	0.030	1.47	15.1
W1477052	4.5	1.10	< 0.05	< 2	94.4	134	11.3	12.3	0.38	< 0.1	0.120	5.50	15.9
W1477054	1.6	0.88	< 0.05	76	23.7	46.8	6.6	3.59	0.23	< 0.1	0.050	2.13	15.8
W1477056	0.6	0.17	< 0.05	69	7.41	13.8	3.3	1.04	< 0.05	< 0.1	< 0.001	0.636	9.60
W1477058	0.5	0.24	< 0.05	68	6.35	12.6	2.7	0.799	< 0.05	< 0.1	0.010	0.504	14.8
W1477060	0.4	< 0.01	< 0.05	24	5.38	10.8	3.4	0.728	< 0.05	< 0.1	0.010	0.474	15.2
W1477062	0.4	0.08	< 0.05	82	5.53	11.4	4.8	0.716	< 0.05	< 0.1	0.010	0.444	15.2
W1477202	0.4	0.14	< 0.05	9	4.59	10.6	1.2	0.564	< 0.05	< 0.1	0.010	0.576	10.3
W1477204	0.3	< 0.01	< 0.05	2	4.03	8.2	3.2	0.542	< 0.05	< 0.1	0.010	0.354	13.2
W1477206	0.3	0.10	< 0.05	20	4.34	9.8	1.5	0.594	< 0.05	< 0.1	0.010	0.420	13.2
W1477208	0.6	0.03	< 0.05	< 2	6.01	13.2	4.9	1.03	0.05	< 0.1	0.010	0.660	15.8
W1477210	0.5	< 0.01	< 0.05	9	5.18	10.2	7.0	0.834	< 0.05	< 0.1	0.010	0.366	15.2
W1477212	0.7	0.17	< 0.05	14	9.54	20.8	7.8	1.42	< 0.05	< 0.1	0.010	0.894	15.8
W1477214	0.3	< 0.01	< 0.05	29	4.42	8.6	1.5	0.654	< 0.05	< 0.1	0.010	0.402	12.4
W1477216	0.6	< 0.01	< 0.05	10	5.69	14.8	5.5	1.00	< 0.05	< 0.1	0.010	0.624	15.1
W1477218	0.3	0.04	< 0.05	4	3.73	7.0	3.3	0.493	< 0.05	< 0.1	< 0.001	0.384	10.8
W1477220	0.6	0.16	< 0.05	12	4.82	10.6	1.5	0.583	< 0.05	< 0.1	0.010	0.384	10.0
W1477222	0.3	0.12	< 0.05	19	3.55	6.4	1.4	0.459	< 0.05	< 0.1	< 0.001	0.372	12.3
W1477224	0.3	0.03	< 0.05	7	4.21	8.8	2.9	0.555	< 0.05	< 0.1	< 0.001	0.318	13.6
W1477226	0.3	< 0.01	< 0.05	6	2.40	6.8	2.5	0.324	< 0.05	< 0.1	0.004	0.285	13.9
W1477228	0.3	< 0.01	< 0.05	6	2.85	8.5	2.0	0.355	< 0.05	< 0.1	0.004	0.110	12.9
W1477230	0.3	0.11	< 0.05	< 2	2.97	7.0	1.9	0.361	< 0.05	< 0.1	0.008	0.265	11.6
W1477232	0.2	0.03	< 0.05	2	2.68	7.2	2.2	0.378	< 0.05	< 0.1	0.012	0.323	9.10
W1477234	0.2	0.04	< 0.05	11	2.38	5.8	3.7	0.355	< 0.05	< 0.1	0.003	0.312	15.1
W1477236	0.3	< 0.01	< 0.05	31	2.84	6.0	2.0	0.410	< 0.05	< 0.1	0.003	0.103	15.2
W1477238	0.3	< 0.01	< 0.05	9	2.88	7.5	1.5	0.425	< 0.05	< 0.1	0.005	0.350	15.9
W1477240	0.3	< 0.01	< 0.05	21	2.95	7.8	1.4	0.439	< 0.05	< 0.1	0.007	0.148	15.6
W1477242	0.4	0.10	< 0.05	< 2	5.34	16.8	2.4	0.821	< 0.05	< 0.1	0.014	0.615	15.1
W1477244	0.6	0.07	< 0.05	30	6.70	19.5	4.3	1.18	0.06	< 0.1	0.018	0.770	15.6
W1477246	0.4	0.10	< 0.05	14	5.07	14.5	2.4	0.845	0.05	< 0.1	0.017	0.607	15.2
W1477248	3.3	0.81	< 0.05	< 2	50.2	116	7.2	7.17	0.50	< 0.1	0.123	4.86	15.9
W1477250	3.0	0.82	< 0.05	< 2	45.7	118	8.3	6.05	0.42	< 0.1	0.046	3.76	15.9
W1477252	0.6	0.05	< 0.05	4	7.24	19.2	4.6	1.13	0.09	< 0.1	0.017	0.820	15.2

Analyte Symbol	Au	As	Ba	Br	Ca	Co	Fe	K	Na	Rb	Sb	Sc	Sr	Zn	La	Ce	Sm	Yb
Unit Symbol	ppb	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.01	5	0.01	0.01	0.1	0.005	0.01	1	1	0.005	0.01	100	2	0.01	0.1	0.001	0.005
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
L-Std-3 Meas	23.8	1.23	66	4.27	3.85	1.1	0.340	1.28	1600	8	0.190	0.80	100	32	2.76	5.8	0.397	0.302
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	21.7	1.16	64	4.43	3.97	1.3	0.360	1.23	1760	9	0.250	0.78	< 100	62	2.84	6.0	0.422	0.282
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	22.9	1.20	70	4.46	3.88	1.1	0.330	1.19	1720	7	0.200	0.92	< 100	54	2.58	5.8	0.401	0.250
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	20.0	1.24	64	3.67	3.94	1.4	0.330	1.13	1710	7	0.200	0.84	< 100	72	2.51	6.2	0.358	0.280
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	21.9	1.46	68	4.19	3.94	1.7	0.380	1.26	1700	8	0.190	0.88	100	61	2.62	6.0	0.430	0.270
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	21.3	1.17	72	3.88	3.43	1.4	0.320	1.08	1780	7	0.240	0.88	100	55	2.78	5.8	0.384	0.322
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	23.5	1.17	69	4.19	3.68	1.2	0.320	1.17	1630	7	0.200	0.75	< 100	72	2.70	5.4	0.351	0.290
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	23.1	1.40	78	4.92	3.84	1.3	0.400	1.26	1620	7	0.200	0.84	100	61	2.66	6.0	0.396	0.320
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	23.2	1.30	72	4.07	3.68	1.4	0.330	1.14	1720	9	0.220	0.76	< 100	66	2.72	5.6	0.348	0.330
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	21.7	1.22	76	3.60	3.65	1.2	0.320	1.13	1620	8	0.260	0.72	< 100	61	2.48	5.2	0.400	0.260
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	20.0	1.28	60	4.35	3.29	1.6	0.360	1.36	1550	9	0.230	0.75	< 100	66	2.85	5.7	0.420	0.250
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290
L-Std-3 Meas	22.7	1.26	60	4.24	3.53	1.1	0.340	1.33	1620	10	0.270	0.81	< 100	63	2.68	5.7	0.370	0.300
L-Std-3 Cert	20.0	1.23	71.0	4.00	3.60	1.40	0.350	1.20	1660	9.00	0.240	0.890	105	64.0	2.73	5.60	0.400	0.290

APPENDIX IV

Soil Sampling – MMI analysis

a) Table of Calculated Response Ratios for Select Elements
b) Stacked Bar Charts illustrating Response Ratios

Sample MMI	Site #	Ag_ppb_MMI	Ag_ppb_MMI RR	Au_ppb_MMI	Au_ppb_MMI RR	Co_ppb_MMI	Co_ppb_MMI RR	Cr_ppb_MMI	Cr_ppb_MMI RR	Cu_ppb_MMI	Cu_ppb_MMI RR	Fe_ppm_MMI	Fe_ppm_MMI RR	Ni_ppb_MMI	Ni_ppb_MMI RR	Pb_ppb_MMI	Pb_ppb_MMI RR	Ti_ppb_MMI	Ti_ppb_MMI RR	Zn_ppb_MMI	Zn_ppb_MMI
WS01937	L01-01	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	16	1.00	17	1.42	52	3.06	20	2.00	450	2.65
WS01939	L01-02	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	10	20.00	11	0.69	10	0.83	78	4.59	50	5.00	340	2.00
WS01941	L01-03	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	0.5	1.00	77	4.81	12	1.00	27	1.59	30	3.00	30	0.18
WS01943	L01-04	0.25	1.00	0.05	1.00	1	0.20	0.5	1.00	20	40.00	290	18.13	9	0.75	2.5	0.15	0.5	0.05	370	2.18
WS01945	L01-05	0.25	1.00	0.05	1.00	0.5	0.10	0.5	1.00	30	60.00	267	16.69	11	0.92	23	1.35	10	1.00	410	2.41
WS01947	L01-06	0.25	1.00	0.05	1.00	0.5	0.10	0.5	1.00	30	60.00	355	22.19	8	0.67	2.5	0.15	20	2.00	440	2.59
WS02001	L01-07	0.25	1.00	0.05	1.00	1	0.20	0.5	1.00	20	40.00	169	10.56	14	1.17	13	0.76	10	1.00	820	4.82
WS02004	L01-08	0.25	1.00	0.1	2.00	2	0.40	0.5	1.00	20	40.00	320	20.00	9	0.75	2.5	0.15	0.5	0.05	210	1.24
WS02005	L01-09	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	20	40.00	353	22.06	10	0.83	2.5	0.15	0.5	0.05	380	2.24
WS02007	L01-10	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	285	17.81	10	0.83	9	0.53	0.5	0.05	190	1.12
WS02009	L01-11	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	0.5	1.00	355	22.19	9	0.75	24	1.41	30	3.00	720	4.24
WS02011	L01-12	0.25	1.00	0.1	2.00	8	1.60	0.5	1.00	20	40.00	265	16.56	13	1.08	26	1.53	30	3.00	110	0.65
WS02013	L01-13	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	20	40.00	111	6.94	16	1.33	38	2.24	20	2.00	140	0.82
WS02015	L01-14	0.25	1.00	0.1	2.00	4	0.80	0.5	1.00	10	20.00	54	3.38	17	1.42	18	1.06	0.5	0.05	20	0.12
WS02017	L01-15	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	40	80.00	64	4.00	14	1.17	8	0.47	0.5	0.05	40	0.24
WS02047	L02-1	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	0.5	1.00	20	1.25	22	1.83	38	2.24	40	4.00	20	0.12
WS02045	L02-2	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	0.5	1.00	28	1.75	21	1.75	38	2.24	40	4.00	90	0.53
WS02043	L02-3	0.25	1.00	0.1	2.00	1	0.20	0.5	1.00	0.5	1.00	274	17.13	5	0.42	2.5	0.15	20	2.00	0.5	0.00
WS02041	L02-4	0.25	1.00	0.1	2.00	2	0.40	0.5	1.00	20	40.00	363	22.69	8	0.67	12	0.71	10	1.00	250	1.47
WS02039	L02-5	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	30	60.00	331	20.69	12	1.00	9	0.53	20	2.00	190	1.12
WS02037	L02-6	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	10	20.00	290	18.13	12	1.00	11	0.65	10	1.00	10	0.06
WS02035	L02-7	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	10	20.00	285	17.81	8	0.67	2.5	0.15	0.5	0.05	40	0.24
WS02033	L02-8	0.25	1.00	0.1	2.00	4	0.80	0.5	1.00	20	40.00	355	22.19	9	0.75	2.5	0.15	0.5	0.05	40	0.24
WS02031	L02-9	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	256	16.00	14	1.17	10	0.59	20	2.00	660	3.88
WS02029	L02-10	0.25	1.00	0.1	2.00	6	1.20	0.5	1.00	30	60.00	331	20.69	12	1.00	9	0.53	20	2.00	730	4.29
WS02027	L02-11	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	40	80.00	274	17.13	12	1.00	9	0.53	20	2.00	630	3.71
WS02025	L02-12	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	40	80.00	168	10.50	16	1.33	8	0.47	10	1.00	40	0.24
WS02023	L02-13	0.25	1.00	0.1	2.00	2	0.40	0.5	1.00	30	60.00	103	6.44	16	1.33	20	1.18	10	1.00	20	0.12
WS02021	L02-14	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	15	0.94	18	1.50	107	6.29	40	4.00	260	1.53
WS02019	L02-15	0.25	1.00	0.1	2.00	4	0.80	0.5	1.00	10	20.00	13	0.81	16	1.33	53	3.12	40	4.00	200	1.18
WS02051	L03-01	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	17	1.06	19	1.58	52	3.06	80	8.00	120	0.71
WS02053	L03-02	0.25	1.00	0.1	2.00	6	1.20	0.5	1.00	10	20.00	19	1.19	14	1.17	138	8.12	40	4.00	300	1.76
WS02055	L03-03	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	14	0.88	19	1.58	31	1.82	30	3.00	200	1.18
WS02057	L03-04	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	40	80.00	96	6.00	16	1.33	17	1.00	0.5	0.05	70	0.41
WS02059	L03-05	0.25	1.00	0.2	4.00	5	1.00	0.5	1.00	20	40.00	125	7.81	15	1.25	74	4.35	10	1.00	740	4.35
WS02061	L03-06	0.25	1.00	0.1	2.00	2	0.40	0.5	1.00	40	80.00	140	8.75	16	1.33	7	0.41	0.5	0.05	130	0.76
WS02063	L03-07	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	50	100.00	341	21.31	14	1.17	5	0.29	20	2.00	60	0.35
WS02065	L03-08	0.25	1.00	0.1	2.00	4	0.80	0.5	1.00	40	80.00	330	20.63	9	0.75	2.5	0.15	30	3.00	20	0.12
WS02067	L03-09	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	70	140.00	240	15.00	13	1.08	6	0.35	10	1.00	130	0.76
WS02069	L03-10	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	203	12.69	13	1.08	14	0.82	10	1.00	120	0.71
WS02071	L03-11	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	20	40.00	75	4.69	18	1.50	8	0.47	0.5	0.05	150	0.88
WS02073	L03-12	0.5	2.00	0.05	1.00	4	0.80	0.5	1.00	100	200.00	144	9.00	18	1.50	39	2.29	30	3.00	310	1.82
WS02075	L03-13	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	0.5	1.00	16	1.00	11	0.92	58	3.41	30	3.00	100	0.59
WS02077	L03-14	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	0.5	1.00	8	0.50	11	0.92	52	3.06	30	3.00	170	1.00
WS02079	L03-15	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	10	20.00	8	0.50	12	1.00	56	3.29	20	2.00	260	1.53
WS02187	L04 - 01	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	20	40.00	21	1.31	16	1.33	85	5.00	20	2.00	290	1.71
WS02189	L04 - 02	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	24	1.50	21	1.75	118	6.94	40	4.00	800	4.71
WS02191	L04 - 03	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	35	2.19	16	1.33	49	2.88	30	3.00	100	0.59
WS02193	L04 - 04	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	10	20.00	24	1.50	14	1.17	55	3.24	40	4.00	250	1.47
WS02195	L04 - 05	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	0.5	1.00	30	1.88	11	0.92	25	1.47	20	2.00	340	2.00
WS02081	L05 - 01	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	50	100.00	313	19.56	8	0.67	11	0.65	10	1.00	40	0.24
WS02083	L05 - 02	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	40	80.00	294	18.38	9	0.75	12	0.71	20	2.00	110	0.65
WS02085	L05 - 03	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	40	80.00	90	5.63	15	1.25	12	0.71	0.5	0.05	30	0.18
WS02087	L05 - 04	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	10	20.00	85	5.31	13	1.08	79	4.65	0.5	0.05	40	0.24

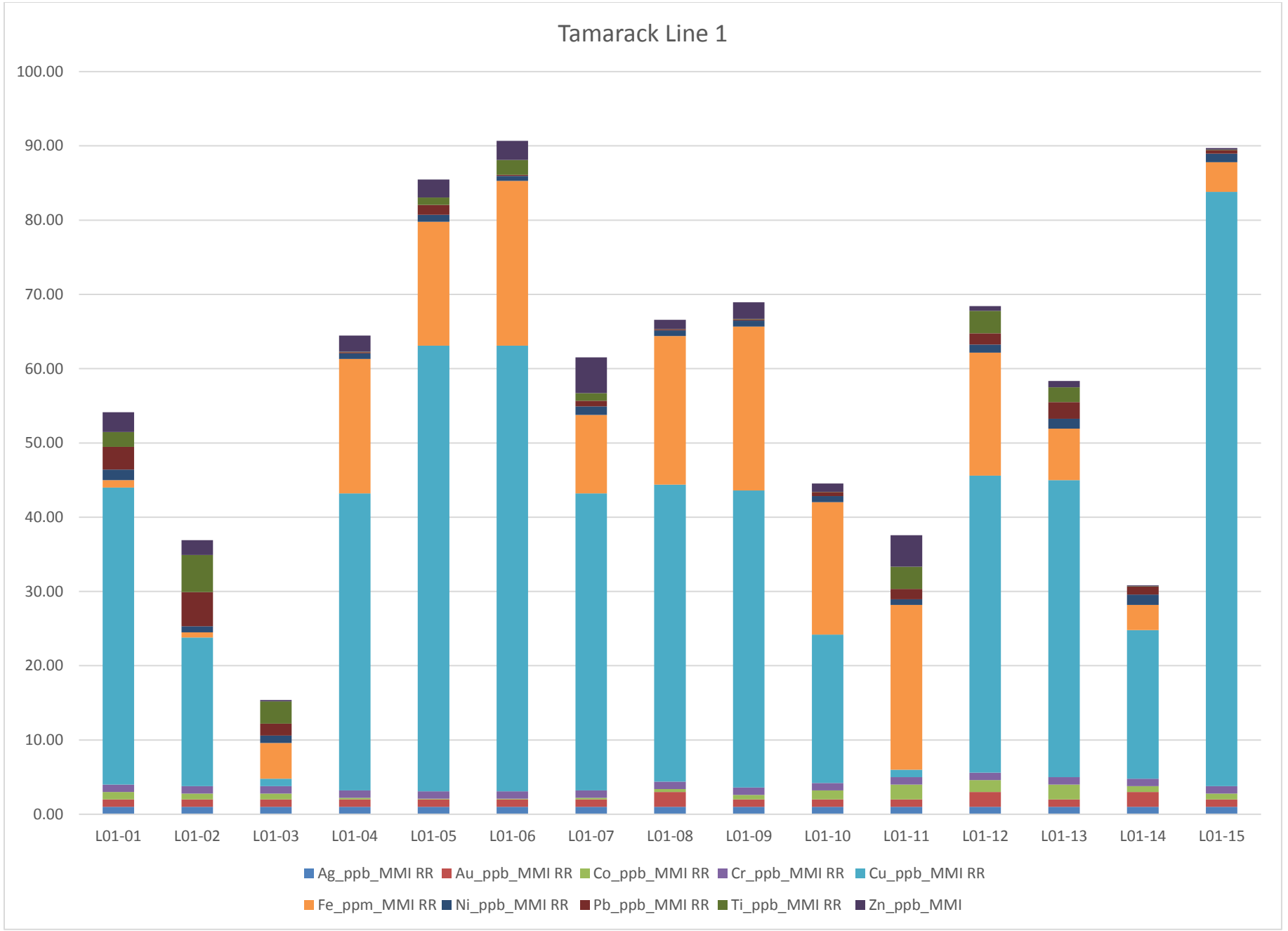
Sample MMI	Site #	Ag_ppb_MMI	Ag_ppb_MMI RR	Au_ppb_MMI	Au_ppb_MMI RR	Co_ppb_MMI	Co_ppb_MMI RR	Cr_ppb_MMI	Cr_ppb_MMI RR	Cu_ppb_MMI	Cu_ppb_MMI RR	Fe_ppm_MMI	Fe_ppm_MMI RR	Ni_ppb_MMI	Ni_ppb_MMI RR	Pb_ppb_MMI	Pb_ppb_MMI RR	Ti_ppb_MMI	Ti_ppb_MMI RR	Zn_ppb_MMI	Zn_ppb_MMI RR
WS02089	L05 - 05	0.25	1.00	0.1	2.00	4	0.80	0.5	1.00	30	60.00	100	6.25	12	1.00	22	1.29	20	2.00	20	0.12
WS02225	L06 - 1	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	10	20.00	21	1.31	19	1.58	38	2.24	40	4.00	530	3.12
WS02223	L06 - 2	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	20	1.25	9	0.75	25	1.47	30	3.00	10	0.06
WS02221	L06 - 3	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	13	0.81	18	1.50	33	1.94	70	7.00	120	0.71
WS02219	L06 - 4	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	20	40.00	11	0.69	12	1.00	35	2.06	30	3.00	300	1.76
WS02217	L06 - 5	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	14	0.88	14	1.17	39	2.29	50	5.00	410	2.41
WS02215	L06 - 6	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	27	1.69	22	1.83	30	1.76	60	6.00	110	0.65
WS02213	L06 - 7	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	0.5	1.00	41	2.56	18	1.50	34	2.00	60	6.00	240	1.41
WS02211	L06 - 8	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	0.5	1.00	38	2.38	22	1.83	26	1.53	50	5.00	20	0.12
WS02209	L06 - 9	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	33	2.06	17	1.42	52	3.06	50	5.00	310	1.82
WS02207	L06 - 10	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	23	1.44	10	0.83	33	1.94	30	3.00	310	1.82
WS02205	L06 - 11	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	47	2.94	18	1.50	42	2.47	60	6.00	130	0.76
WS02203	L06 - 12	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	10	20.00	11	0.69	7	0.58	130	7.65	0.5	0.05	160	0.94
WS02201	L06 - 13	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	135	8.44	24	2.00	30	1.76	10	1.00	100	0.59
WS02199	L06 - 14	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	20	40.00	47	2.94	13	1.08	33	1.94	10	1.00	10	0.06
WS02197	L06 - 15	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	30	60.00	93	5.81	10	0.83	33	1.94	40	4.00	630	3.71
WS02099	L07 - 01	0.5	2.00	0.05	1.00	5	1.00	0.5	1.00	50	100.00	168	10.50	22	1.83	47	2.76	30	3.00	40	0.24
WS02097	L07 - 02	0.25	1.00	0.1	2.00	10	2.00	0.5	1.00	60	120.00	338	21.13	22	1.83	12	0.71	40	4.00	280	1.65
WS02095	L07 - 03	0.25	1.00	0.05	1.00	13	2.60	0.5	1.00	50	100.00	371	23.19	17	1.42	2.5	0.15	30	3.00	120	0.71
WS02093	L07 - 04	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	50	100.00	326	20.38	14	1.17	5	0.29	20	2.00	170	1.00
WS02091	L07 - 05	0.25	1.00	0.1	2.00	9	1.80	0.5	1.00	70	140.00	209	13.06	22	1.83	14	0.82	40	4.00	320	1.88
WS02227	L08 - 01	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	20	40.00	79	4.94	14	1.17	19	1.12	0.5	0.05	30	0.18
WS02229	L08 - 02	0.25	1.00	0.05	1.00	12	2.40	0.5	1.00	20	40.00	66	4.13	13	1.08	12	0.71	0.5	0.05	80	0.47
WS02231	L08 - 03	0.25	1.00	0.05	1.00	14	2.80	0.5	1.00	30	60.00	134	8.38	12	1.00	10	0.59	10	1.00	130	0.76
WS02233	L08 - 04	0.25	1.00	0.05	1.00	15	3.00	0.5	1.00	30	60.00	280	17.50	13	1.08	15	0.88	20	2.00	1390	8.18
WS02235	L08 - 05	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	337	21.06	10	0.83	2.5	0.15	10	1.00	40	0.24
WS02237	L08 - 06	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	20	40.00	28	1.75	18	1.50	47	2.76	60	6.00	450	2.65
WS02239	L08 - 07	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	26	1.63	16	1.33	26	1.53	30	3.00	120	0.71
WS02241	L08 - 08	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	42	2.63	14	1.17	98	5.76	40	4.00	220	1.29
WS02243	L08 - 09	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	19	1.19	17	1.42	24	1.41	30	3.00	460	2.71
WS02245	L08 - 10	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	22	1.38	11	0.92	62	3.65	30	3.00	550	3.24
WS02247	L08 - 11	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	24	1.50	15	1.25	80	4.71	40	4.00	500	2.94
W1477201	L08 - 12	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	30	60.00	20	1.25	14	1.17	34	2.00	30	3.00	570	3.35
W1477203	L08 - 13	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	18	1.13	17	1.42	40	2.35	40	4.00	170	1.00
W1477205	L08 - 14	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	30	60.00	22	1.38	21	1.75	52	3.06	50	5.00	550	3.24
W1477207	L08 - 15	0.25	1.00	0.05	1.00	1	0.20	0.5	1.00	0.5	1.00	89	5.56	11	0.92	64	3.76	30	3.00	40	0.24
WS02117	L09 - 01	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	24	1.50	16	1.33	172	10.12	30	3.00	350	2.06
WS02115	L09 - 02	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	10	20.00	16	1.00	14	1.17	25	1.47	30	3.00	250	1.47
WS02113	L09 - 03	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	17	1.06	17	1.42	38	2.24	50	5.00	120	0.71
WS02111	L09 - 04	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	10	20.00	16	1.00	19	1.58	44	2.59	70	7.00	170	1.00
WS02109	L09 - 05	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	16	1.00	16	1.33	56	3.29	60	6.00	440	2.59
WS02107	L09 - 06	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	30	60.00	18	1.13	27	2.25	69	4.06	50	5.00	580	3.41
WS02105	L09 - 07	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	16	1.00	20	1.67	25	1.47	30	3.00	210	1.24
WS02103	L09 - 08	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	17	1.06	14	1.17	83	4.88	40	4.00	330	1.94
WS02101	L09 - 09	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	19	1.19	16	1.33	34	2.00	30	3.00	40	0.24
W1477061	L10-01	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	19	1.19	12	1.00	71	4.18	60	6.00	2300	13.53
W1477059	L10-02	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	10	20.00	11	0.69	11	0.92	37	2.18	40	4.00	1290	7.59
W1477253	L10-03	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	12	0.75	17	1.42	68	4.00	50	5.00	170	1.00
W1477057	L10-04	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	15	0.94	13	1.08	125	7.35	40	4.00	2760	16.24
W1477251	L10-05	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	20	40.00	24	1.50	24	2.00	227	13.35	80	8.00	760	4.47
W1477055	L10-06	1.1	4.40	0.05	1.00	68	13.60	0.5	1.00	370	740.00	280	17.50	59	4.92	13	0.76	70	7.00	500	2.94
W1477247	L10-07	0.25	1.00	0.05	1.00	51	10.20	0.5	1.00	100	200.00	57	3.56	31	2.58	187	11.00	260	26.00	890	5.24
W1477053	L10-08	0.25	1.00	0.05	1.00	78	15.60	0.5	1.00	630	1260.00	90	5.63	100	8.33	61	3.59	50	5.00	340	2.00
W1477245	L10-9	0.25	1.00	0.05	1.00	26	5.20	0.5	1.00	10	20.00	297	18.56	12	1.00	59	3.47	70	7.00	520	3.06

Sample MMI	Site #	Ag_ppb_MMI	Ag_ppb_MMI RR	Au_ppb_MMI	Au_ppb_MMI RR	Co_ppb_MMI	Co_ppb_MMI RR	Cr_ppb_MMI	Cr_ppb_MMI RR	Cu_ppb_MMI	Cu_ppb_MMI RR	Fe_ppm_MMI	Fe_ppm_MMI RR	Ni_ppb_MMI	Ni_ppb_MMI RR	Pb_ppb_MMI	Pb_ppb_MMI RR	Ti_ppb_MMI	Ti_ppb_MMI RR	Zn_ppb_MMI	Zn_ppb_MMI RR
W1477243	L10-10	0.25	1.00	0.05	1.00	43	8.60	0.5	1.00	90	180.00	252	15.75	49	4.08	13	0.76	20	2.00	650	3.82
W1477241	L10-11	0.25	1.00	0.05	1.00	32	6.40	0.5	1.00	30	60.00	119	7.44	23	1.92	40	2.35	30	3.00	200	1.18
W1477239	L10-12	0.25	1.00	0.05	1.00	16	3.20	0.5	1.00	20	40.00	75	4.69	19	1.58	12	0.71	0.5	0.05	570	3.35
W1477237	L10-13	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	10	20.00	125	7.81	15	1.25	9	0.53	0.5	0.05	0.5	0.00
W1477235	L10-14	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	10	20.00	170	10.63	12	1.00	28	1.65	0.5	0.05	1510	8.88
W1477233	L10-15	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	10	20.00	317	19.81	9	0.75	30	1.76	0.5	0.05	400	2.35
W1477231	L10-16	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	33	2.06	11	0.92	22	1.29	20	2.00	450	2.65
W1477229	L10-17	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	17	1.06	19	1.58	30	1.76	30	3.00	120	0.71
W1477227	L10-18	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	13	0.81	19	1.58	30	1.76	50	5.00	210	1.24
W1477225	L10-19	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	10	20.00	14	0.88	19	1.58	40	2.35	40	4.00	230	1.35
W1477223	L10-20	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	10	20.00	16	1.00	14	1.17	21	1.24	30	3.00	340	2.00
W1477221	L10-21	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	12	0.75	21	1.75	26	1.53	70	7.00	300	1.76
W1477219	L10-22	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	10	20.00	12	0.75	11	0.92	33	1.94	50	5.00	260	1.53
W1477217	L10-23	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	14	0.88	10	0.83	102	6.00	20	2.00	300	1.76
W1477215	L10-24	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	120	7.50	10	0.83	17	1.00	40	4.00	230	1.35
W1477213	L10-25	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	0.5	1.00	112	7.00	9	0.75	13	0.76	40	4.00	200	1.18
W1477211	L10-26	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	10	20.00	110	6.88	12	1.00	28	1.65	50	5.00	370	2.18
W1477209	L10-27	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	20	40.00	252	15.75	11	0.92	15	0.88	30	3.00	220	1.29
WS02119	L11 - 01	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	13	0.81	19	1.58	22	1.29	20	2.00	130	0.76
WS02121	L11 - 02	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	16	1.00	17	1.42	36	2.12	60	6.00	220	1.29
WS02123	L11 - 03	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	16	1.00	16	1.33	107	6.29	30	3.00	480	2.82
WS02125	L11 - 04	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	16	1.00	16	1.33	31	1.82	30	3.00	300	1.76
WS02127	L11 - 05	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	19	1.19	19	1.58	76	4.47	60	6.00	520	3.06
W1477051	L12-01	0.25	1.00	0.05	1.00	16	3.20	0.5	1.00	40	80.00	96	6.00	89	7.42	25	1.47	20	2.00	390	2.29
W1477049	L12-02	0.25	1.00	0.05	1.00	42	8.40	0.5	1.00	0.5	1.00	333	20.81	11	0.92	2.5	0.15	30	3.00	130	0.76
W1477047	L12-03	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	0.5	1.00	11	0.69	19	1.58	60	3.53	90	9.00	1060	6.24
W1477045	L12-04	0.25	1.00	0.05	1.00	23	4.60	0.5	1.00	50	100.00	188	11.75	24	2.00	21	1.24	60	6.00	40	0.24
W1477043	L12-05	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	20	40.00	84	5.25	15	1.25	12	0.71	0.5	0.05	90	0.53
W1477041	L12-06	0.25	1.00	0.05	1.00	16	3.20	0.5	1.00	40	80.00	100	6.25	17	1.42	12	0.71	0.5	0.05	380	2.24
W1477039	L12-07	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	170	10.63	18	1.50	52	3.06	20	2.00	240	1.41
W1477037	L12-08	0.25	1.00	0.05	1.00	20	4.00	0.5	1.00	30	60.00	227	14.19	13	1.08	11	0.65	10	1.00	1060	6.24
W1477035	L12-09	0.25	1.00	0.05	1.00	14	2.80	0.5	1.00	10	20.00	98	6.13	16	1.33	25	1.47	0.5	0.05	390	2.29
W1477033	L12-10	0.25	1.00	0.05	1.00	15	3.00	0.5	1.00	30	60.00	126	7.88	13	1.08	7	0.41	0.5	0.05	310	1.82
W1477031	L12-11	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	30	60.00	162	10.13	17	1.42	33	1.94	20	2.00	300	1.76
W1477029	L12-12	0.25	1.00	0.05	1.00	13	2.60	0.5	1.00	10	20.00	182	11.38	16	1.33	64	3.76	20	2.00	430	2.53
WS02159	L13 - 1	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	10	20.00	29	1.81	15	1.25	291	17.12	50	5.00	750	4.41
WS02157	L13 - 2	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	103	6.44	15	1.25	78	4.59	30	3.00	50	0.29
WS02155	L13 - 3	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	0.5	1.00	30	1.88	17	1.42	30	1.76	30	3.00	380	2.24
WS02153	L13 - 4	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	29	1.81	19	1.58	36	2.12	50	5.00	220	1.29
WS02151	L13 - 5	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	33	2.06	17	1.42	67	3.94	40	4.00	230	1.35
WS02147	L13 - 6	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	26	1.63	14	1.17	123	7.24	40	4.00	190	1.12
WS02145	L13 - 7	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	16	1.00	25	2.08	41	2.41	60	6.00	200	1.18
WS02143	L13 - 8	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	0.5	1.00	35	2.19	11	0.92	44	2.59	30	3.00	360	2.12
WS02141	L13 - 9	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	24	1.50	23	1.92	67	3.94	50	5.00	580	3.41
WS02139	L13 - 10	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	72	4.50	14	1.17	73	4.29	50	5.00	140	0.82
WS02137	L13 - 11	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	10	20.00	88	5.50	15	1.25	113	6.65	40	4.00	50	0.29
WS02135	L13 - 12	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	20	40.00	70	4.38	17	1.42	146	8.59	20	2.00	140	0.82
WS02133	L13 - 13	0.25	1.00	0.1	2.00	5	1.00	0.5	1.00	40	80.00	14	0.88	17	1.42	22	1.29	20	2.00	270	1.59
WS02185	L13 - 14	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	30	60.00	32	2.00	20	1.67	46	2.71	30	3.00	320	1.88
WS02131	L13 - 15	0.25	1.00	0.1	2.00	12	2.40	0.5	1.00	30	60.00	122	7.63	19	1.58	23	1.35	10	1.00	60	0.35
WS02129	L13 - 16	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	293	18.31	11	0.92	15	0.88	20	2.00	450	2.65
W1477005	L14-01	0.6	2.40	0.05	1.00	51	10.20	0.5	1.00	1100	2200.00	125	7.81	199	16.58	24	1.41	20	2.00	1020	6.00
W1477007	L14-02	0.25	1.00	0.05	1.00	14	2.80	0.5	1.00	50	100.00	68	4.25	43	3.58	21	1.24	10	1.00	780	4.59
W1477009	L14-03	0.25	1.00	0.05	1.00	22	4.40	0.5	1.00	50	100.00	108	6.75	25	2.08	33	1.94	10	1.00	460	2.71

Sample MMI	Site #	Ag_ppb_MMI	Ag_ppb_MMI RR	Au_ppb_MMI	Au_ppb_MMI RR	Co_ppb_MMI	Co_ppb_MMI RR	Cr_ppb_MMI	Cr_ppb_MMI RR	Cu_ppb_MMI	Cu_ppb_MMI RR	Fe_ppm_MMI	Fe_ppm_MMI RR	Ni_ppb_MMI	Ni_ppb_MMI RR	Pb_ppb_MMI	Pb_ppb_MMI RR	Ti_ppb_MMI	Ti_ppb_MMI RR	Zn_ppb_MMI	Zn_ppb_MMI RR
W1477011	L14-04	0.25	1.00	0.05	1.00	31	6.20	0.5	1.00	40	80.00	155	9.69	25	2.08	24	1.41	30	3.00	310	1.82
W1477013	L14-05	0.25	1.00	0.05	1.00	18	3.60	0.5	1.00	40	80.00	144	9.00	19	1.58	16	0.94	20	2.00	260	1.53
W1477015	L14-06	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	30	60.00	148	9.25	16	1.33	17	1.00	20	2.00	300	1.76
W1477017	L14-07	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	20	40.00	247	15.44	12	1.00	11	0.65	10	1.00	1330	7.82
W1477019	L14-08	0.25	1.00	0.05	1.00	3	0.60	0.5	1.00	40	80.00	205	12.81	11	0.92	8	0.47	10	1.00	340	2.00
W1477021	L14-09	0.25	1.00	0.05	1.00	1	0.20	0.5	1.00	20	40.00	114	7.13	13	1.08	6	0.35	0.5	0.05	130	0.76
W1477023	L14-10	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	20	40.00	147	9.19	15	1.25	5	0.29	0.5	0.05	140	0.82
W1477025	L14-11	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	20	40.00	370	23.13	8	0.67	8	0.47	10	1.00	270	1.59
W1477027	L14-12	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	40	80.00	383	23.94	10	0.83	7	0.41	10	1.00	200	1.18
WS02161	L15 - 01	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	27	1.69	22	1.83	175	10.29	70	7.00	310	1.82
WS02163	L15 - 02	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	31	1.94	12	1.00	67	3.94	40	4.00	1010	5.94
WS02165	L15 - 03	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	18	1.13	16	1.33	77	4.53	40	4.00	290	1.71
WS02167	L15 - 04	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	63	3.94	18	1.50	71	4.18	70	7.00	280	1.65
WS02169	L15 - 05	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	10	20.00	10	0.63	12	1.00	75	4.41	40	4.00	400	2.35
WS02171	L15 - 06	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	25	1.56	15	1.25	74	4.35	40	4.00	150	0.88
WS02173	L15 - 07	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	10	20.00	20	1.25	20	1.67	112	6.59	40	4.00	390	2.29
WS02175	L15 - 08	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	13	0.81	16	1.33	87	5.12	30	3.00	260	1.53
WS02177	L15 - 09	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	10	20.00	22	1.38	20	1.67	50	2.94	50	5.00	220	1.29
WS02179	L15 - 10	0.25	1.00	0.05	1.00	11	2.20	0.5	1.00	10	20.00	174	10.88	16	1.33	54	3.18	50	5.00	260	1.53
WS02181	L15 - 11	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	30	60.00	27	1.69	15	1.25	46	2.71	10	1.00	60	0.35
WS02183	L15 - 12	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	122	7.63	9	0.75	36	2.12	20	2.00	50	0.29
W1477003	L16-01	0.25	1.00	0.05	1.00	16	3.20	0.5	1.00	0.5	1.00	154	9.63	27	2.25	87	5.12	20	2.00	380	2.24
W1477001	L16-02	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	118	7.38	16	1.33	76	4.47	40	4.00	290	1.71
WS02499	L16-03	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	23	1.44	19	1.58	61	3.59	50	5.00	1040	6.12
WS02497	L16-04	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	20	1.25	15	1.25	159	9.35	20	2.00	1310	7.71
WS02495	L16-05	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	286	17.88	9	0.75	84	4.94	10	1.00	700	4.12
WS02493	L16-06	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	20	40.00	284	17.75	12	1.00	10	0.59	10	1.00	770	4.53
WS02491	L16-07	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	20	40.00	352	22.00	11	0.92	12	0.71	20	2.00	210	1.24
WS02489	L16-08	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	20	40.00	158	9.88	11	0.92	6	0.35	10	1.00	1800	10.59
WS02487	L16-09	0.25	1.00	0.05	1.00	1	0.20	0.5	1.00	20	40.00	197	12.31	15	1.25	10	0.59	0.5	0.05	190	1.12
WS02485	L16-10	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	20	40.00	364	22.75	9	0.75	6	0.35	10	1.00	640	3.76
WS02483	L16-11	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	20	40.00	264	16.50	13	1.08	9	0.53	0.5	0.05	1050	6.18
WS02481	L16-12	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	16	1.00	13	1.08	61	3.59	20	2.00	700	4.12
WS02479	L16-13	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	10	20.00	19	1.19	9	0.75	17	1.00	20	2.00	260	1.53
WS02477	L16-14	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	14	0.88	10	0.83	62	3.65	20	2.00	790	4.65
WS02475	L16-15	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	19	1.19	10	0.83	58	3.41	20	2.00	530	3.12
WS02473	L16-16	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	22	1.38	7	0.58	55	3.24	30	3.00	1190	7.00
WS02471	L16-17	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	10	20.00	16	1.00	10	0.83	48	2.82	30	3.00	520	3.06
WS02469	L16-18	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	17	1.06	18	1.50	179	10.53	30	3.00	820	4.82
WS02467	L16-19	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	14	0.88	12	1.00	120	7.06	20	2.00	1110	6.53
WS02465	L16-20	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	44	2.75	11	0.92	476	28.00	30	3.00	940	5.53
WS02463	L17-01	0.25	1.00	0.05	1.00	42	8.40	0.5	1.00	0.5	1.00	30	1.88	22	1.83	18	1.06	20	2.00	1150	6.76
WS02461	L17-02	0.25	1.00	0.05	1.00	15	3.00	0.5	1.00	10	20.00	40	2.50	17	1.42	20	1.18	0.5	0.05	350	2.06
WS02459	L17-03	0.25	1.00	0.05	1.00	17	3.40	0.5	1.00	10	20.00	26	1.63	17	1.42	49	2.88	10	1.00	390	2.29
WS02457	L17-04	0.25	1.00	0.05	1.00	33	6.60	0.5	1.00	20	40.00	34	2.13	25	2.08	65	3.82	40	4.00	1070	6.29
WS02455	L17-05	7.4	29.60	0.05	1.00	55	11.00	0.5	1.00	810	1620.00	47	2.94	465	38.75	138	8.12	0.5	0.05	1140	6.71
WS02453	L18-01	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	40	80.00	129	8.06	13	1.08	2.5	0.15	0.5	0.05	200	1.18
WS02451	L18-02	0.25	1.00	0.05	1.00	0.5	0.10	0.5	1.00	20	40.00	76	4.75	14	1.17	5	0.29	0.5	0.05	100	0.59
WS02447	L18-03	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	124	7.75	16	1.33	86	5.06	0.5	0.05	690	4.06
WS02445	L18-04	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	30	60.00	79	4.94	13	1.08	7	0.41	0.5	0.05	100	0.59
WS02443	L18-05	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	20	40.00	161	10.06	12	1.00	8	0.47	0.5	0.05	230	1.35
WS02441	L18-06	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	88	5.50	11	0.92	66	3.88	0.5	0.05	240	1.41
WS02439	L18-07	0.25	1.00	0.05	1.00	11	2.20	0.5	1.00	20	40.00	50	3.13	13	1.08	13	0.76	0.5	0.05	150	0.88
WS02437	L18-08	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	14	0.88	11	0.92	76	4.47	70	7.00	750	4.41

Sample MMI	Site #	Ag_ppb_MMI	Ag_ppb_MMI RR	Au_ppb_MMI	Au_ppb_MMI RR	Co_ppb_MMI	Co_ppb_MMI RR	Cr_ppb_MMI	Cr_ppb_MMI RR	Cu_ppb_MMI	Cu_ppb_MMI RR	Fe_ppm_MMI	Fe_ppm_MMI RR	Ni_ppb_MMI	Ni_ppb_MMI RR	Pb_ppb_MMI	Pb_ppb_MMI RR	Ti_ppb_MMI	Ti_ppb_MMI RR	Zn_ppb_MMI	Zn_ppb_MMI RR
WS02435	L18-09	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	17	1.06	8	0.67	24	1.41	20	2.00	740	4.35
WS02433	L18-10	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	18	1.13	10	0.83	59	3.47	20	2.00	690	4.06
WS02431	L18-11	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	13	0.81	12	1.00	61	3.59	30	3.00	1150	6.76
WS02429	L18-12	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	15	0.94	13	1.08	127	7.47	70	7.00	1370	8.06
WS02427	L18-13	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	15	0.94	14	1.17	118	6.94	50	5.00	800	4.71
WS02425	L18-14	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	9	0.56	11	0.92	49	2.88	30	3.00	1170	6.88
WS02423	L18-15	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	0.5	1.00	10	0.63	10	0.83	67	3.94	30	3.00	1320	7.76
WS02421	L18-16	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	10	20.00	12	0.75	11	0.92	44	2.59	30	3.00	1670	9.82
WS02419	L18-17	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	12	0.75	12	1.00	105	6.18	20	2.00	1170	6.88
WS02417	L18-18	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	0.5	1.00	24	1.50	14	1.17	79	4.65	30	3.00	840	4.94
WS02415	L18-19	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	59	3.69	8	0.67	54	3.18	30	3.00	970	5.71
WS02413	L18-20	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	0.5	1.00	9	0.56	9	0.75	47	2.76	20	2.00	670	3.94
WS02411	L18-21	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	15	0.94	11	0.92	32	1.88	20	2.00	460	2.71
WS02409	L18-22	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	0.5	1.00	15	0.94	14	1.17	43	2.53	30	3.00	520	3.06
WS02407	L18-23	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	10	20.00	14	0.88	9	0.75	78	4.59	30	3.00	620	3.65
WS02405	L18-24	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	20	40.00	11	0.69	12	1.00	67	3.94	50	5.00	990	5.82
WS02403	L18-25	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	0.5	1.00	14	0.88	13	1.08	111	6.53	40	4.00	780	4.59
WS02363	L19-01	0.25	1.00	0.05	1.00	2	0.40	0.5	1.00	30	60.00	52	3.25	16	1.33	19	1.12	0.5	0.05	120	0.71
WS02365	L19-02	0.25	1.00	0.05	1.00	1	0.20	0.5	1.00	20	40.00	48	3.00	13	1.08	5	0.29	0.5	0.05	20	0.12
WS02367	L19-03	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	185	11.56	12	1.00	6	0.35	0.5	0.05	80	0.47
WS02369	L19-04	0.25	1.00	0.05	1.00	13	2.60	0.5	1.00	30	60.00	160	10.00	12	1.00	2.5	0.15	0.5	0.05	330	1.94
WS02371	L19-05	0.25	1.00	0.05	1.00	22	4.40	0.5	1.00	10	20.00	184	11.50	12	1.00	29	1.71	0.5	0.05	120	0.71
WS02373	L19-06	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	16	1.00	13	1.08	74	4.35	50	5.00	1180	6.94
WS02375	L19-07	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	12	0.75	11	0.92	55	3.24	40	4.00	1410	8.29
WS02377	L19-08	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	11	0.69	10	0.83	86	5.06	40	4.00	1670	9.82
WS02379	L19-09	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	11	0.69	10	0.83	40	2.35	40	4.00	900	5.29
WS02381	L19-10	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	15	0.94	12	1.00	108	6.35	30	3.00	1460	8.59
WS02383	L19-11	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	25	1.56	13	1.08	150	8.82	60	6.00	1680	9.88
WS02385	L19-12	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	0.5	1.00	14	0.88	25	2.08	40	2.35	60	6.00	420	2.47
WS02387	L19-13	0.25	1.00	0.05	1.00	13	2.60	0.5	1.00	20	40.00	22	1.38	13	1.08	341	20.06	0.5	0.05	590	3.47
WS02389	L19-14	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	20	40.00	13	0.81	14	1.17	71	4.18	20	2.00	420	2.47
WS02391	L19-15	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	10	20.00	13	0.81	10	0.83	92	5.41	20	2.00	290	1.71
WS02393	L19-16	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	10	0.63	9	0.75	50	2.94	30	3.00	330	1.94
WS02395	L19-17	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	0.5	1.00	10	0.63	9	0.75	116	6.82	20	2.00	1370	8.06
WS02397	L19-18	0.25	1.00	0.05	1.00	4	0.80	0.5	1.00	0.5	1.00	13	0.81	9	0.75	70	4.12	30	3.00	1390	8.18
WS02399	L19-19	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	0.5	1.00	15	0.94	8	0.67	118	6.94	40	4.00	1890	11.12
WS02401	L19-20	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	17	1.06	12	1.00	81	4.76	40	4.00	1400	8.24
WS02339	L19-21	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	16	1.00	16	1.33	17	1.00	10	1.00	190	1.12
WS02337	L19-22	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	34	2.13	16	1.33	326	19.18	60	6.00	630	3.71
WS02335	L19-23	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	0.5	1.00	60	3.75	16	1.33	504	29.65	30	3.00	1130	6.65
WS02333	L19-24	0.25	1.00	0.05	1.00	32	6.40	0.5	1.00	10	20.00	17	1.06	21	1.75	55	3.24	20	2.00	490	2.88
WS02331	L19-25	0.25	1.00	0.05	1.00	50	10.00	0.5	1.00	150	300.00	23	1.44	170	14.17	17	1.00	10	1.00	120	0.71
WS02329	L19-26	0.25	1.00	0.05	1.00	59	11.80	0.5	1.00	30	60.00	17	1.06	22	1.83	35	2.06	0.5	0.05	520	3.06
WS02327	L19-27	0.25	1.00	0.05	1.00	66	13.20	0.5	1.00	20	40.00	56	3.50	24	2.00	21	1.24	0.5	0.05	210	1.24
WS02325	L19-28	0.25	1.00	0.05	1.00	49	9.80	0.5	1.00	0.5	1.00	27	1.69	21	1.75	93	5.47	0.5	0.05	240	1.41
WS02361	L20-01	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	122	7.63	16	1.33	7	0.41	0.5	0.05	110	0.65
WS02359	L20-02	0.25	1.00	0.05	1.00	20	4.00	0.5	1.00	20	40.00	313	19.56	12	1.00	6	0.35	10	1.00	290	1.71
WS02357	L20-03	0.25	1.00	0.05	1.00	31	6.20	0.5	1.00	10	20.00	188	11.75	26	2.17	35	2.06	0.5	0.05	1620	9.53
WS02355	L20-04	0.25	1.00	0.05	1.00	23	4.60	0.5	1.00	20	40.00	163	10.19	16	1.33	6	0.35	0.5	0.05	550	3.24
WS02353	L20-05	0.25	1.00	0.05	1.00	26	5.20	0.5	1.00	20	40.00	85	5.31	21	1.75	43	2.53	0.5	0.05	150	0.88
WS02351	L20-06	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	20	40.00	23	1.44	22	1.83	110	6.47	20	2.00	1190	7.00
WS02347	L20-07	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	0.5	1.00	18	1.13	17	1.42	41	2.41	50	5.00	260	1.53
WS02345	L20-08	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	10	20.00	7	0.44	14	1.17	54	3.18	40	4.00	2690	15.82
WS02343	L20-09	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	0.5	1.00	11	0.69	17	1.42	30	1.76	60	6.00	600	3.53

Sample MMI	Site #	Ag_ppb_MMI	Ag_ppb_MMI RR	Au_ppb_MMI	Au_ppb_MMI RR	Co_ppb_MMI	Co_ppb_MMI RR	Cr_ppb_MMI	Cr_ppb_MMI RR	Cu_ppb_MMI	Cu_ppb_MMI RR	Fe_ppm_MMI	Fe_ppm_MMI RR	Ni_ppb_MMI	Ni_ppb_MMI RR	Pb_ppb_MMI	Pb_ppb_MMI RR	Ti_ppb_MMI	Ti_ppb_MMI RR	Zn_ppb_MMI	Zn_ppb_MMI
WS02341	L20-10	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	10	20.00	11	0.69	21	1.75	65	3.82	50	5.00	3610	21.24
WS02293	L21-01	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	0.5	1.00	17	1.06	19	1.58	50	2.94	70	7.00	630	3.71
WS02295	L21-02	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	23	1.44	15	1.25	35	2.06	40	4.00	830	4.88
WS02297	L21-03	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	26	1.63	20	1.67	39	2.29	70	7.00	730	4.29
WS02299	L21-04	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	20	40.00	58	3.63	15	1.25	84	4.94	90	9.00	970	5.71
WS02301	L21-05	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	34	2.13	20	1.67	63	3.71	60	6.00	380	2.24
WS02303	L21-06	0.25	1.00	0.05	1.00	18	3.60	0.5	1.00	0.5	1.00	38	2.38	16	1.33	129	7.59	10	1.00	660	3.88
WS02305	L21-07	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	59	3.69	10	0.83	48	2.82	20	2.00	530	3.12
WS02307	L21-08	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	31	1.94	12	1.00	166	9.76	20	2.00	560	3.29
WS02309	L21-09	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	10	20.00	32	2.00	15	1.25	75	4.41	50	5.00	550	3.24
WS02311	L21-10	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	10	20.00	20	1.25	16	1.33	246	14.47	30	3.00	730	4.29
WS02313	L21-11	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	0.5	1.00	37	2.31	10	0.83	29	1.71	30	3.00	750	4.41
WS02315	L21-12	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	63	3.94	11	0.92	178	10.47	40	4.00	210	1.24
WS02317	L21-13	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	20	40.00	19	1.19	14	1.17	74	4.35	40	4.00	820	4.82
WS02319	L21-14	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	15	0.94	18	1.50	31	1.82	50	5.00	330	1.94
WS02321	L21-15	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	0.5	1.00	23	1.44	24	2.00	101	5.94	30	3.00	1320	7.76
WS02323	L21-16	0.25	1.00	0.05	1.00	20	4.00	0.5	1.00	0.5	1.00	143	8.94	20	1.67	359	21.12	40	4.00	810	4.76
WS02255	L22-01	0.25	1.00	0.05	1.00	12	2.40	0.5	1.00	10	20.00	128	8.00	16	1.33	16	0.94	30	3.00	470	2.76
WS02257	L22-02	0.25	1.00	0.05	1.00	5	1.00	0.5	1.00	20	40.00	16	1.00	13	1.08	225	13.24	50	5.00	1960	11.53
WS02259	L22-03	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	20	40.00	17	1.06	18	1.50	48	2.82	60	6.00	890	5.24
WS02261	L22-04	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	30	60.00	19	1.19	14	1.17	43	2.53	50	5.00	340	2.00
WS02263	L22-05	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	20	40.00	139	8.69	24	2.00	7	0.41	170	17.00	130	0.76
WS02265	L22-06	0.25	1.00	0.05	1.00	21	4.20	0.5	1.00	160	320.00	17	1.06	79	6.58	12	0.71	10	1.00	170	1.00
WS02267	L22-07	0.25	1.00	0.05	1.00	17	3.40	0.5	1.00	20	40.00	39	2.44	14	1.17	262	15.41	20	2.00	940	5.53
WS02269	L22-08	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	130	8.13	14	1.17	68	4.00	20	2.00	650	3.82
WS02271	L22-09	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	20	40.00	11	0.69	17	1.42	48	2.82	70	7.00	770	4.53
WS02273	L22-10	0.25	1.00	0.05	1.00	6	1.20	0.5	1.00	0.5	1.00	9	0.56	12	1.00	62	3.65	40	4.00	3110	18.29
WS02275	L22-11	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	10	20.00	15	0.94	20	1.67	57	3.35	70	7.00	1420	8.35
WS02277	L22-12	0.25	1.00	0.05	1.00	7	1.40	0.5	1.00	40	80.00	77	4.81	25	2.08	55	3.24	0.5	0.05	120	0.71
WS02279	L22-13	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	10	20.00	19	1.19	20	1.67	51	3.00	40	4.00	630	3.71
WS02281	L22-14	0.25	1.00	0.05	1.00	8	1.60	0.5	1.00	0.5	1.00	10	0.63	29	2.42	44	2.59	100	10.00	360	2.12
WS02283	L22-15	0.25	1.00	0.05	1.00	9	1.80	0.5	1.00	0.5	1.00	12	0.75	22	1.83	39	2.29	50	5.00	470	2.76
WS02285	L22-16	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	20	40.00	29	1.81	24	2.00	76	4.47	110	11.00	1430	8.41
WS02287	L22-17	0.25	1.00	0.05	1.00	15	3.00	0.5	1.00	10	20.00	10	0.63	30	2.50	115	6.76	50	5.00	970	5.71
WS02289	L22-18	0.25	1.00	0.05	1.00	10	2.00	0.5	1.00	0.5	1.00	4	0.25	18	1.50	80	4.71	50	5.00	1020	6.00
WS02291	L22-19	0.25	1.00	0.05	1.00	16	3.20	0.5	1.00	0.5	1.00	3	0.19	16	1.33	43	2.53	0.5	0.05	730	4.29
		0.25		**0.05**		**5**		**0.5**		**0.5**		**16**		**12**		**17**		**10**		**170**	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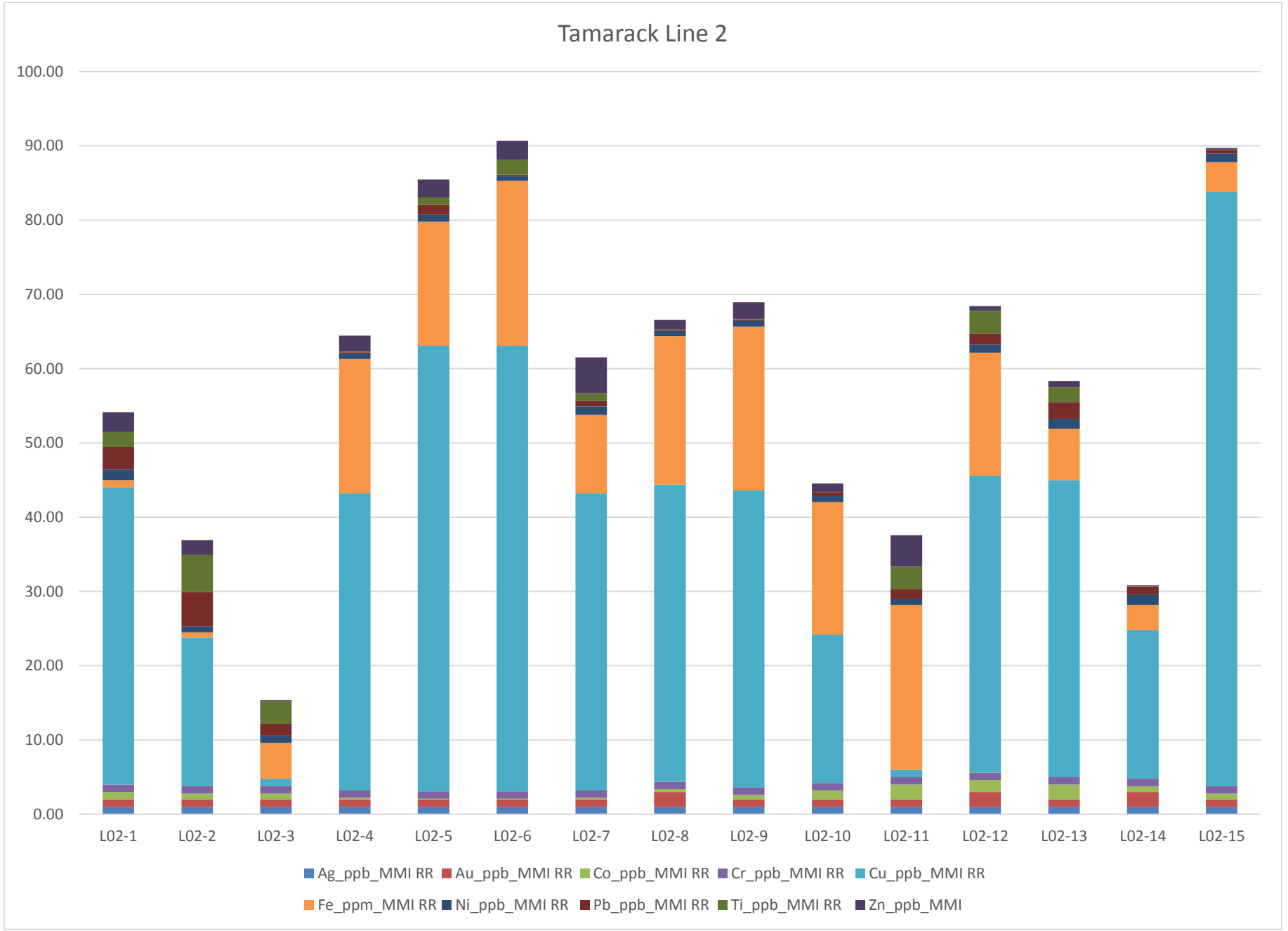
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L01-01
L01-02
L01-03
L01-04
L01-05
L01-06
L01-07
L01-08
L01-09
L01-10
L01-11
L01-12
L01-13
L01-14
L01-15
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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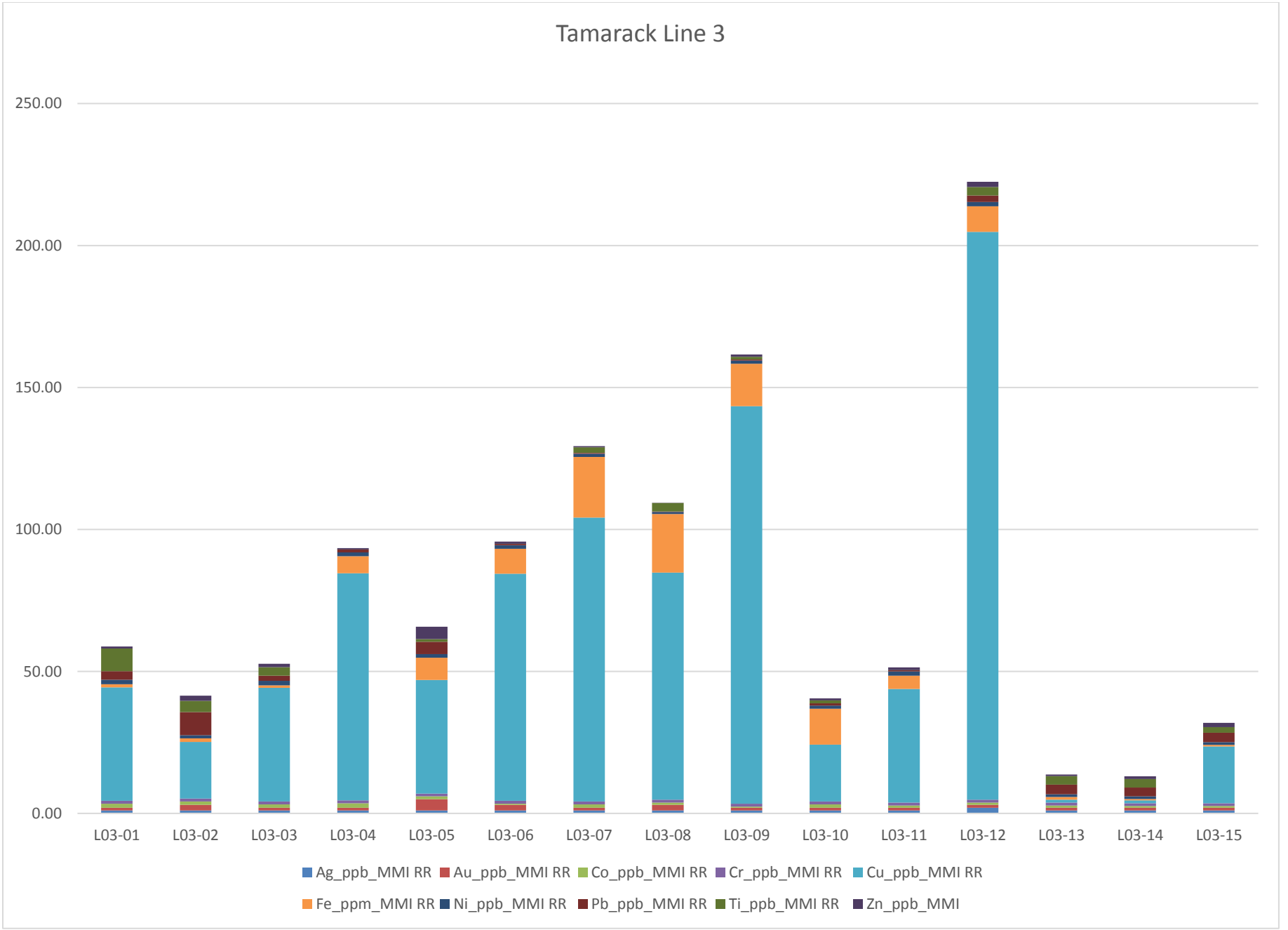
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L02-1
L02-2
L02-3
L02-4
L02-5
L02-6
L02-7
L02-8
L02-9
L02-10
L02-11
L02-12
L02-13
L02-14
L02-15
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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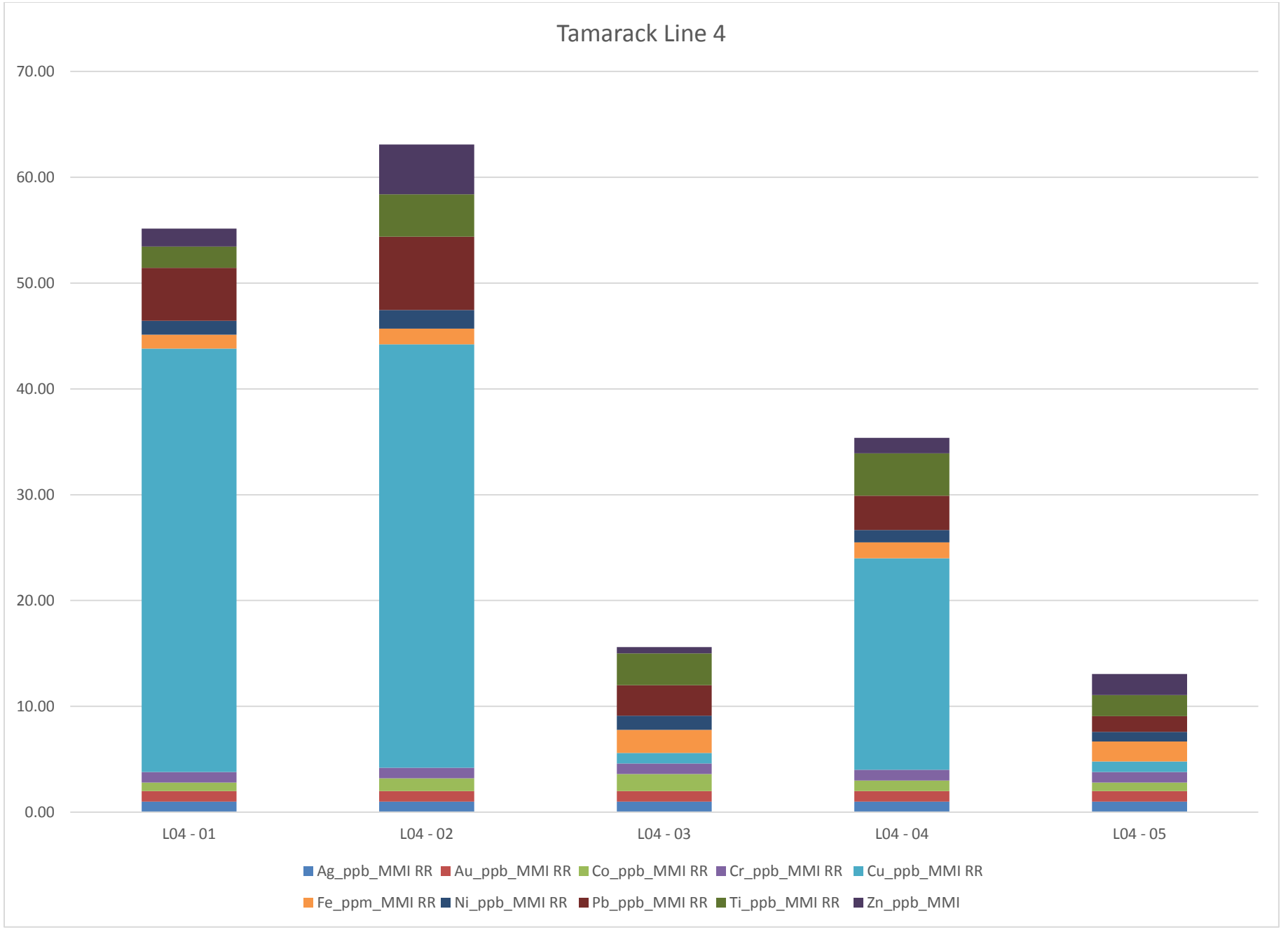
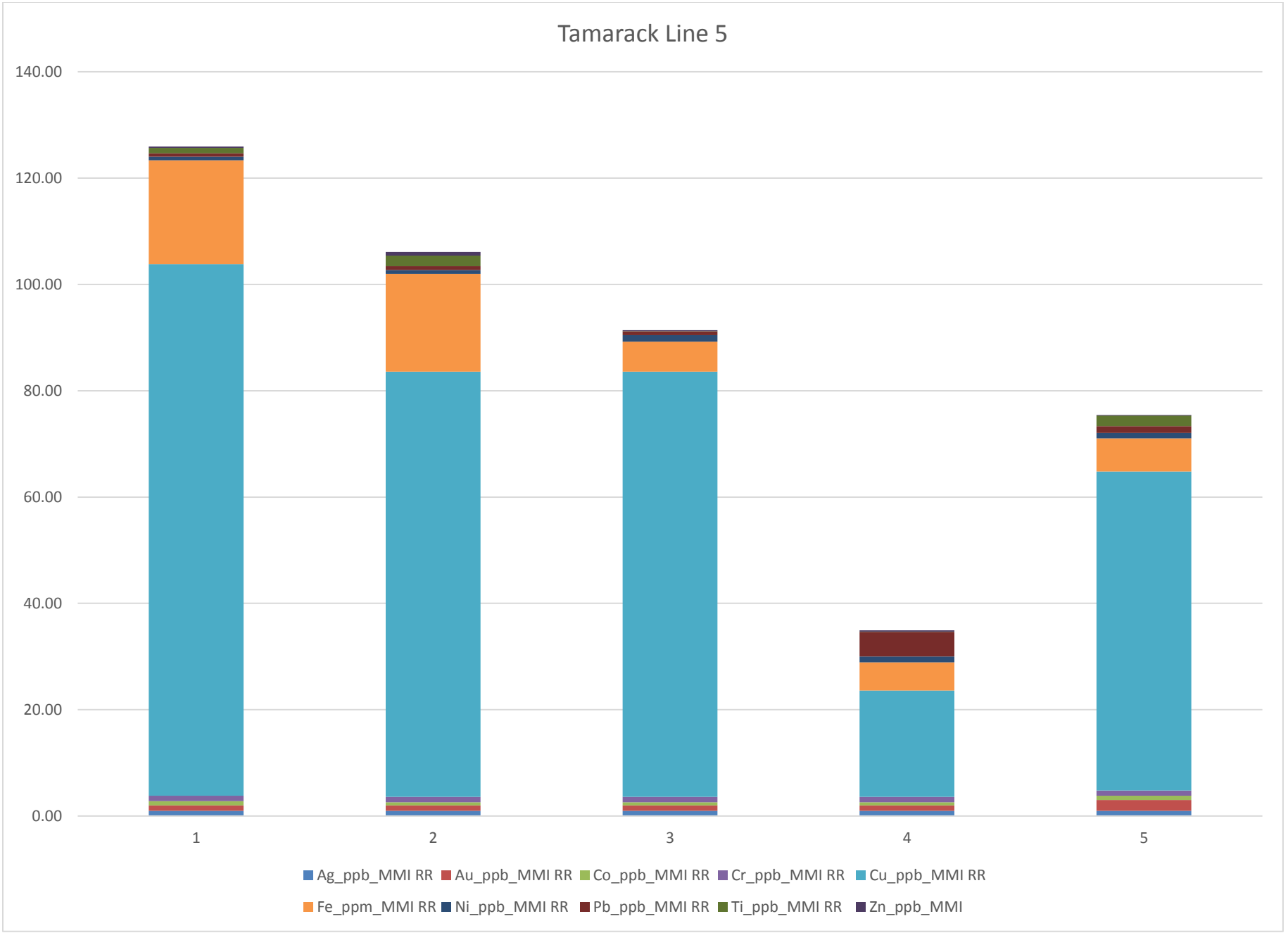
200.00
150.00
100.00
50.00
0.00
L03-01
L03-02
L03-03
L03-04
L03-05
L03-06
L03-07
L03-08
L03-09
L03-10
L03-11
L03-12
L03-13
L03-14
L03-15
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 4
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L04 - 01
L04 - 02
L04 - 03
L04 - 04
L04 - 05
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 5
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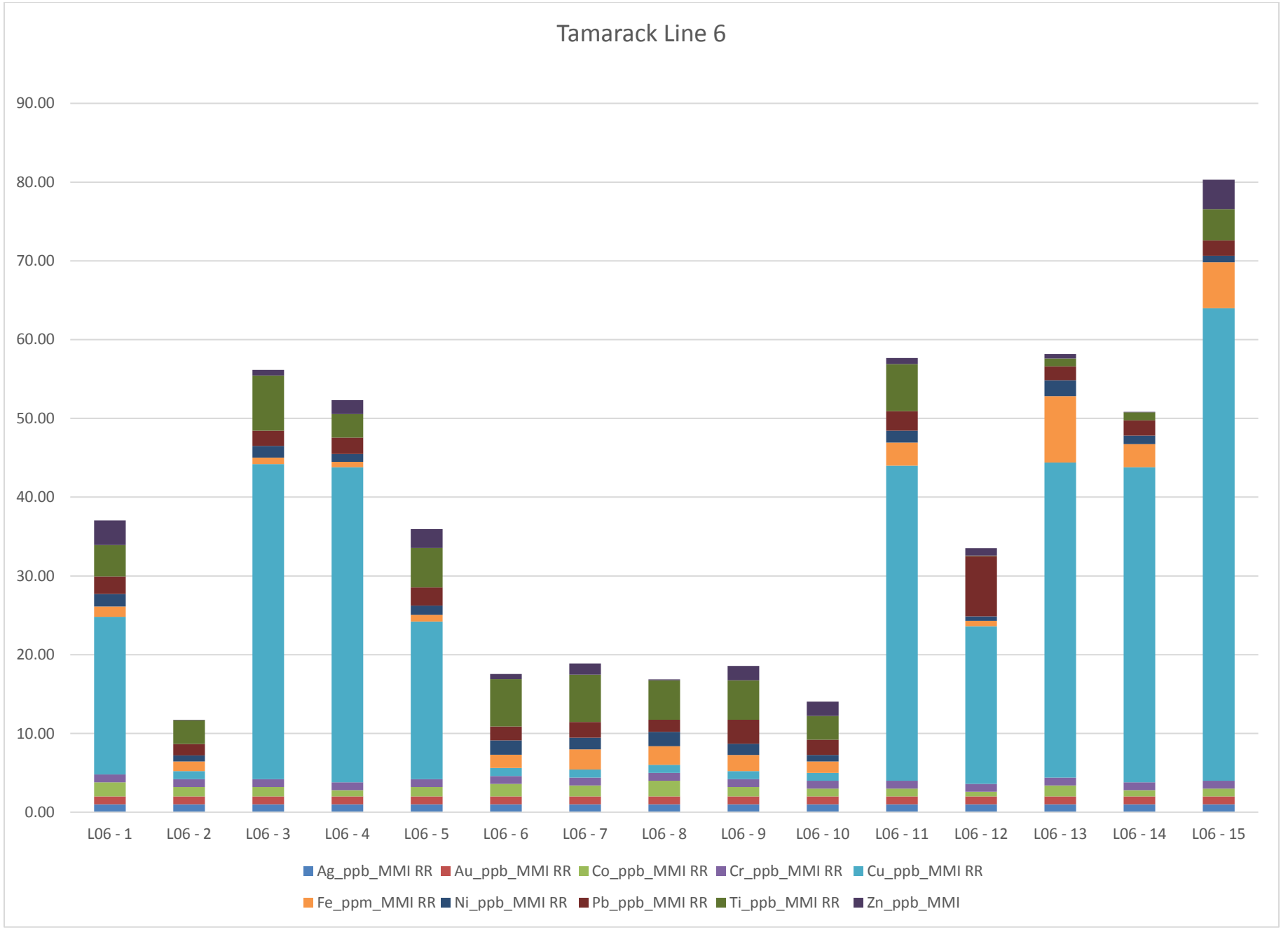
120.00
100.00
80.00
60.00
40.00
20.00
0.00
1
2
3
4
5
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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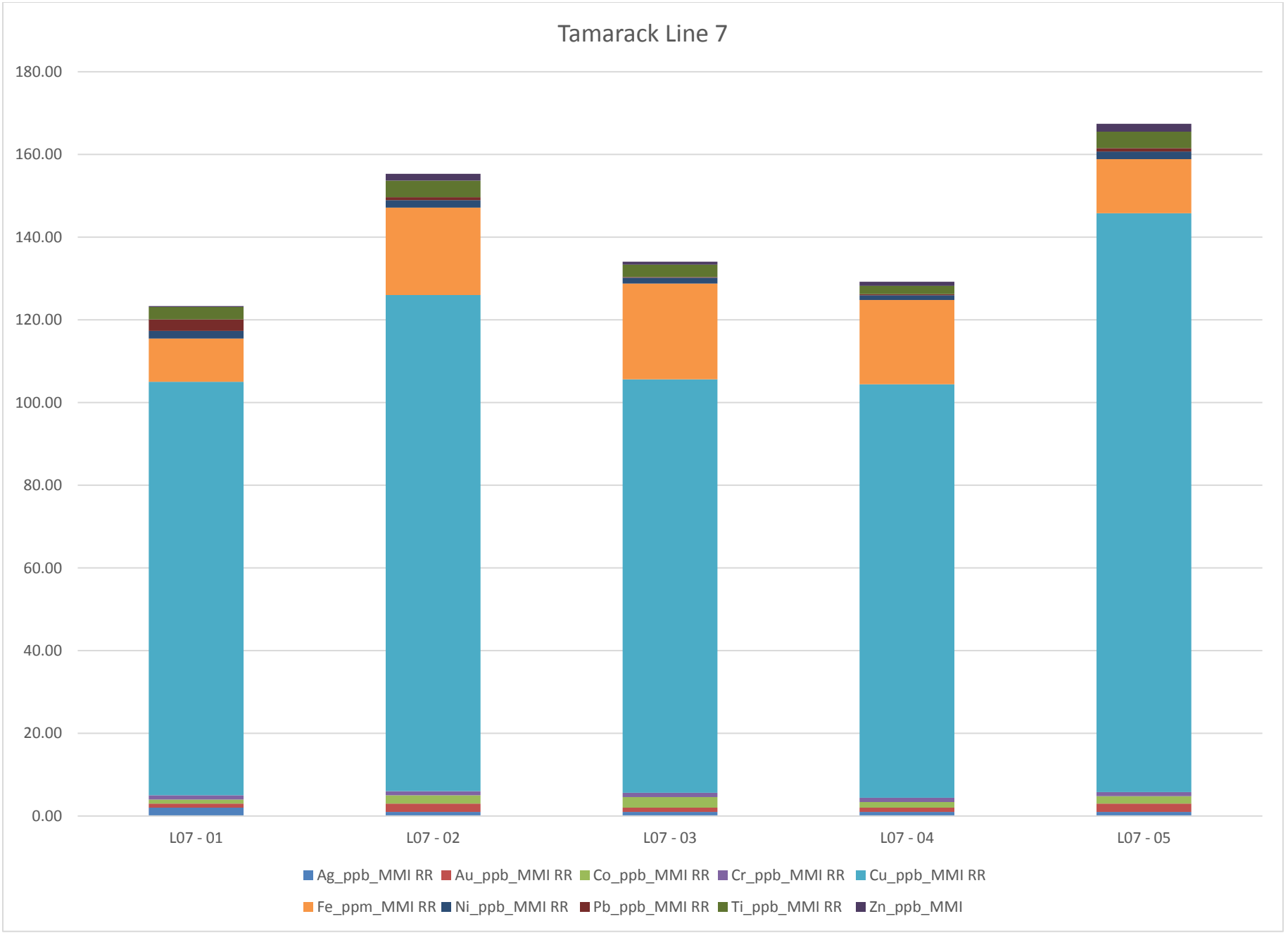
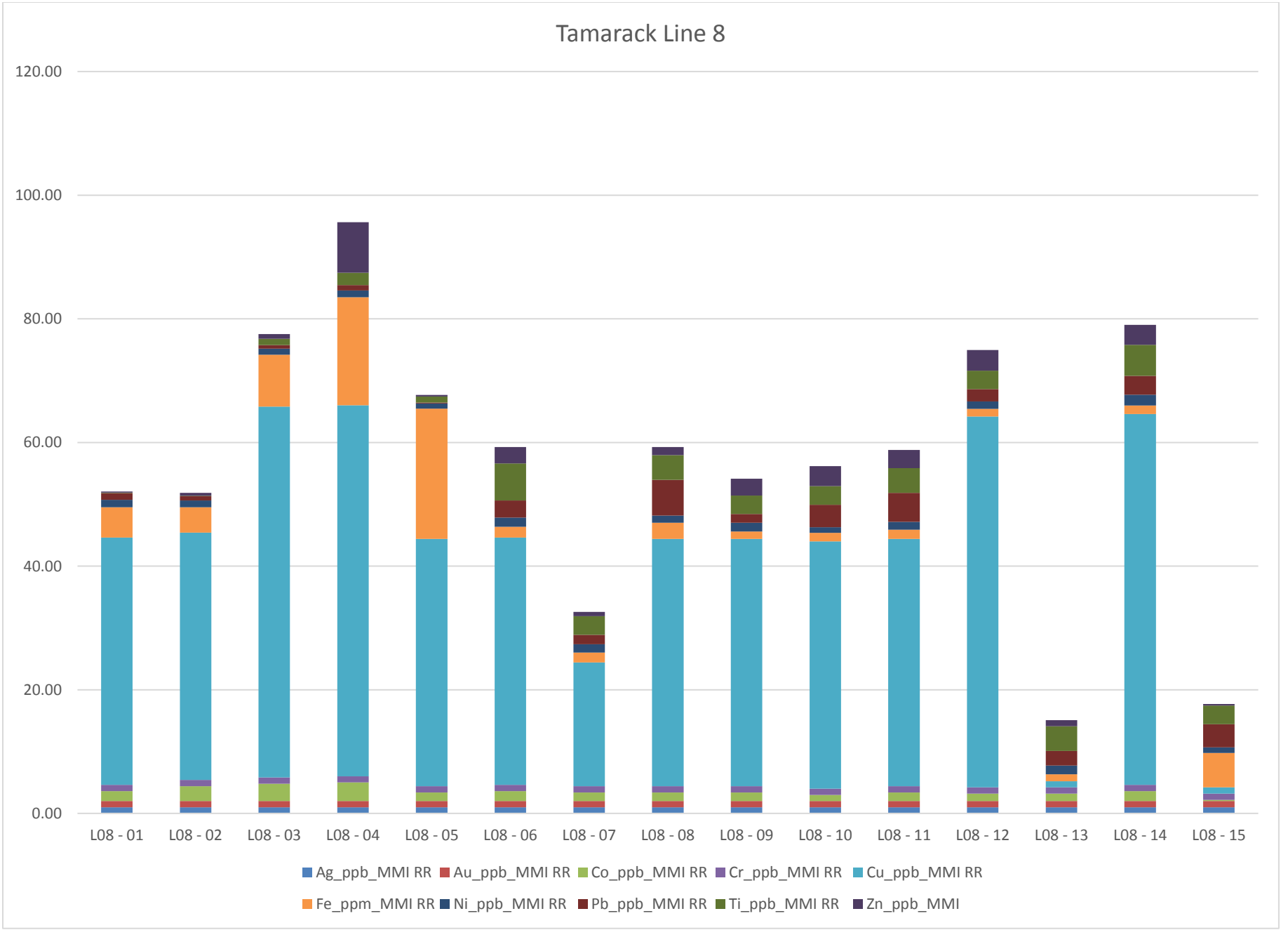
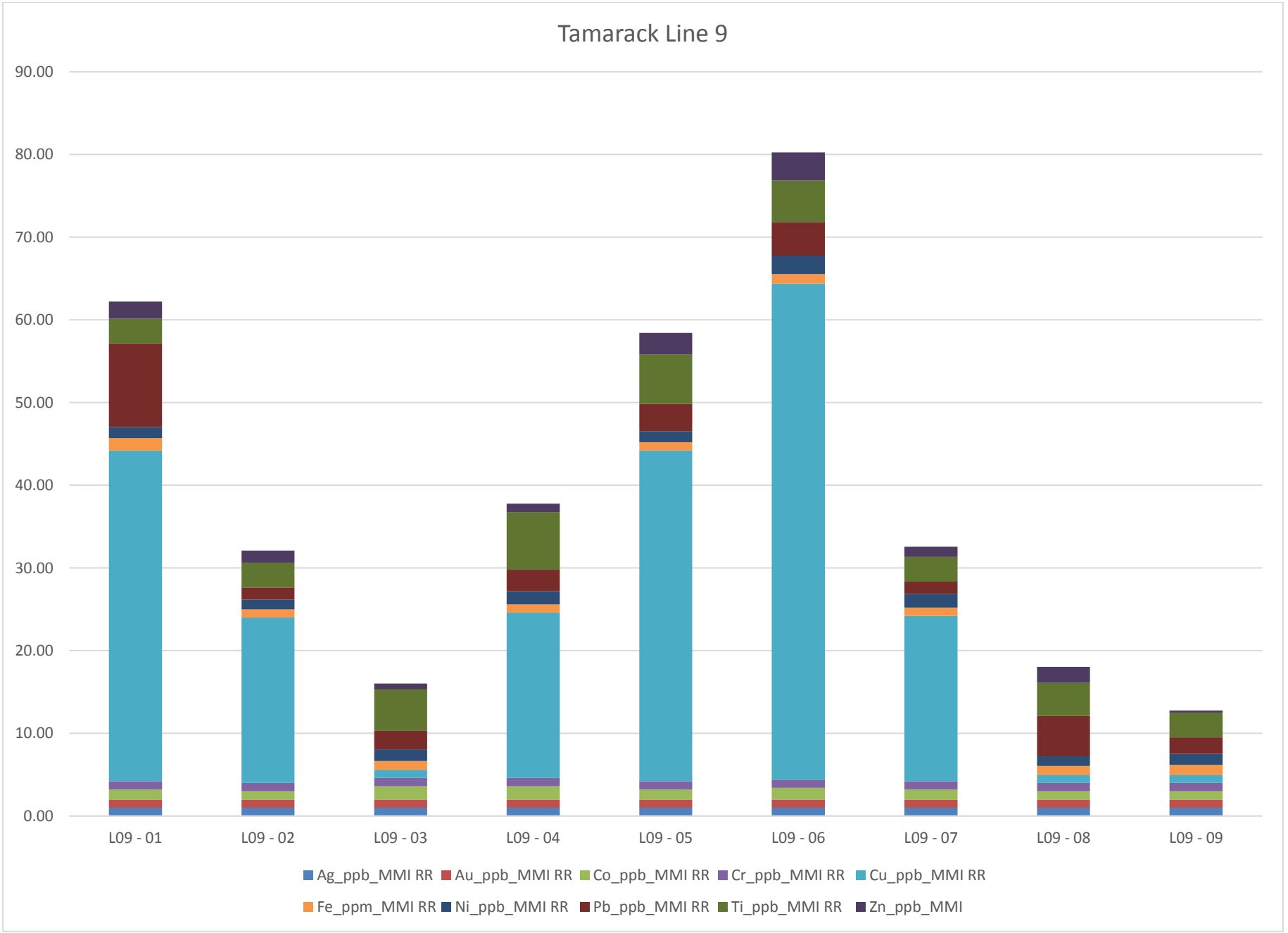
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L06 - 1
L06 - 2
L06 - 3
L06 - 4
L06 - 5
L06 - 6
L06 - 7
L06 - 8
L06 - 9
L06 - 10
L06 - 11
L06 - 12
L06 - 13
L06 - 14
L06 - 15
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 7
180.00
160.00
140.00
120.00
100.00
80.00
60.00
40.00
20.00
0.00
L07 - 01
L07 - 02
L07 - 03
L07 - 04
L07 - 05
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 8
120.00
100.00
80.00
60.00
40.00
20.00
0.00
L08 - 01
L08 - 02
L08 - 03
L08 - 04
L08 - 05
L08 - 06
L08 - 07
L08 - 08
L08 - 09
L08 - 10
L08 - 11
L08 - 12
L08 - 13
L08 - 14
L08 - 15
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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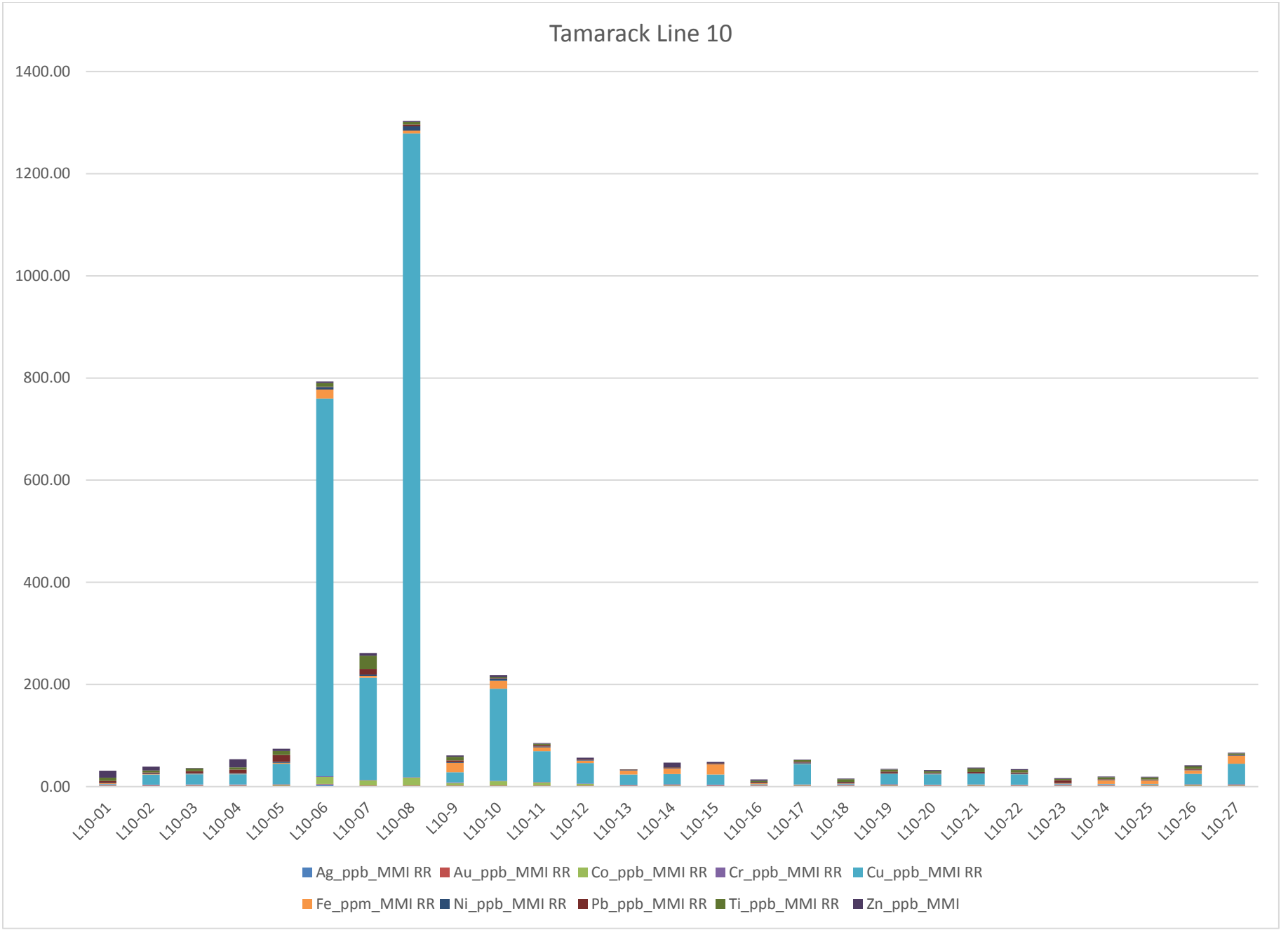
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L09 - 01
L09 - 02
L09 - 03
L09 - 04
L09 - 05
L09 - 06
L09 - 07
L09 - 08
L09 - 09
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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800.00
600.00
400.00
200.00
0.00
L10-01
L10-02
L10-03
L10-04
L10-05
L10-06
L10-07
L10-08
L10-9
L10-10
L10-11
L10-12
L10-13
L10-14
L10-15
L10-16
L10-17
L10-18
L10-19
L10-20
L10-21
L10-22
L10-23
L10-24
L10-25
L10-26
L10-27
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
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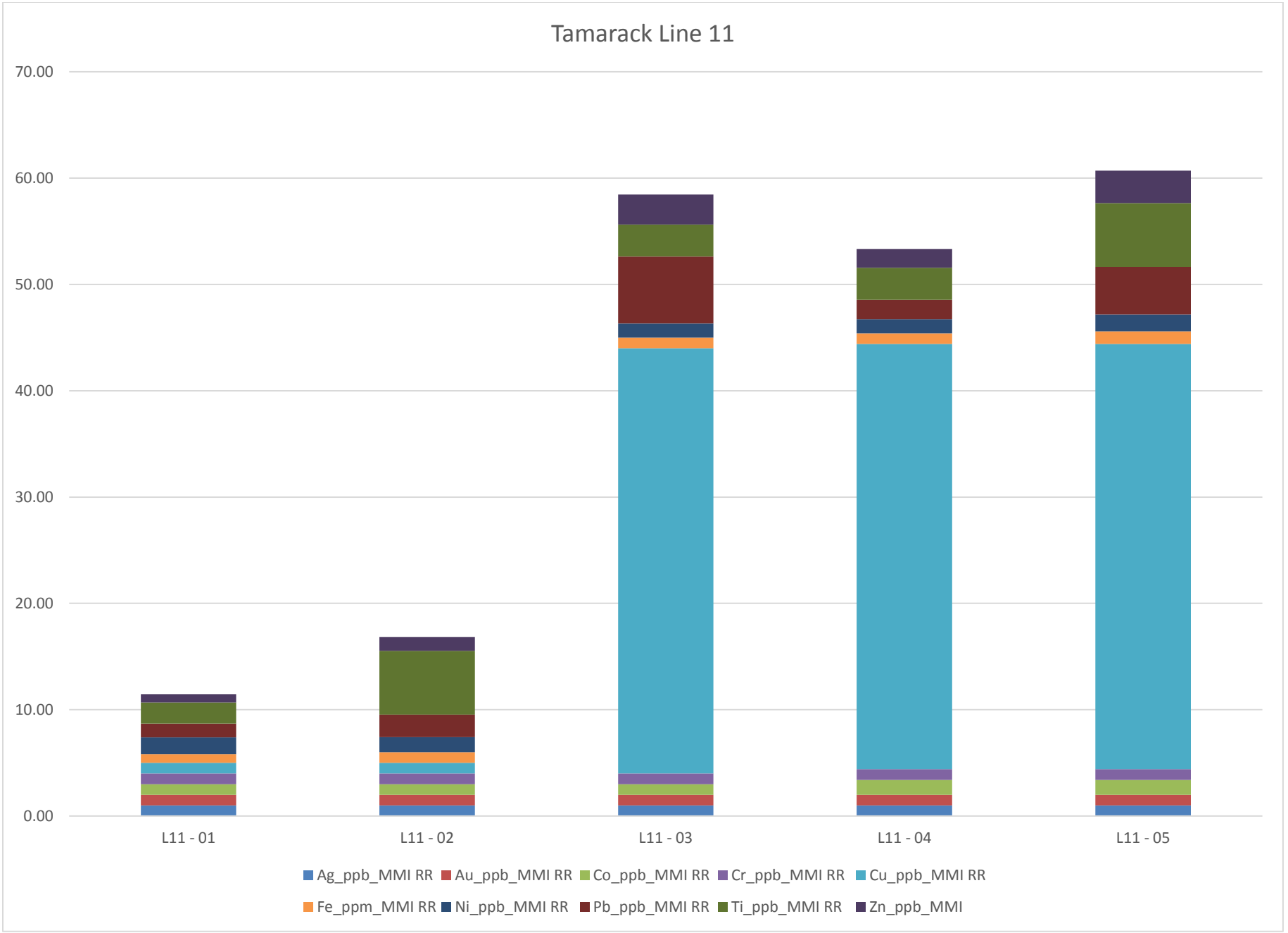
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 11
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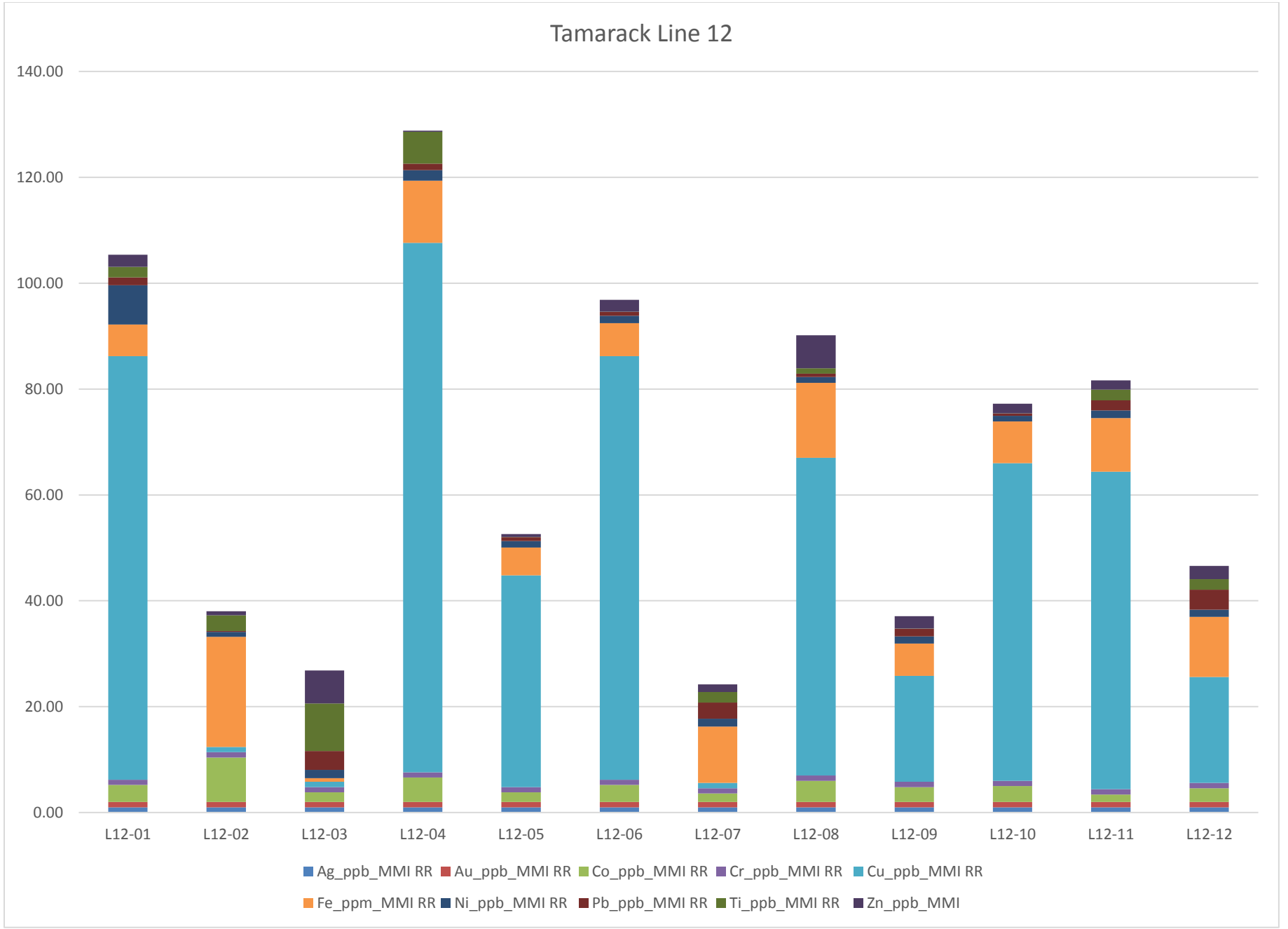
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L11 - 01
L11 - 02
L11 - 03
L11 - 04
L11 - 05
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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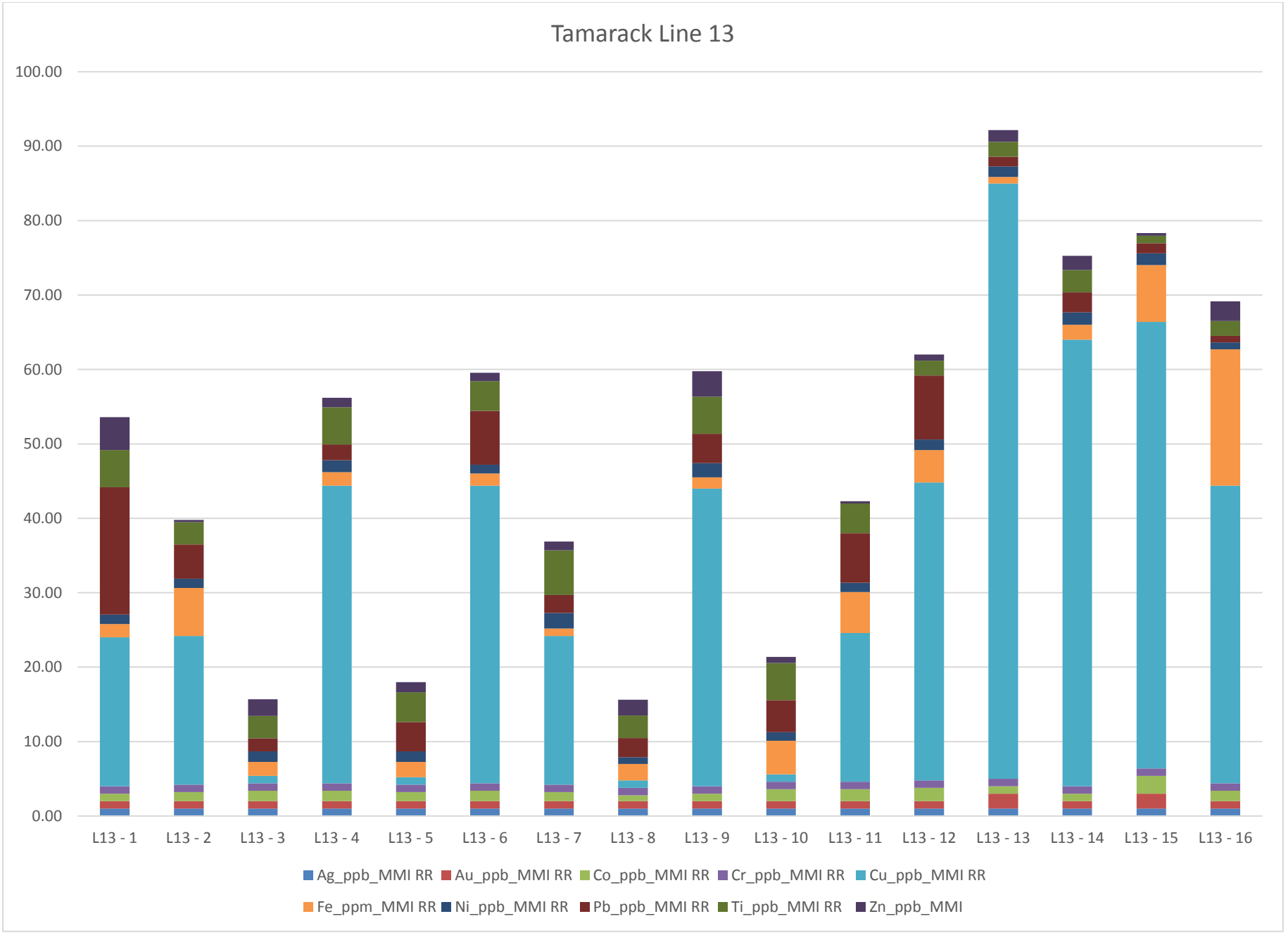
40.00
20.00
0.00
L12-01
L12-02
L12-03
L12-04
L12-05
L12-06
L12-07
L12-08
L12-09
L12-10
L12-11
L12-12
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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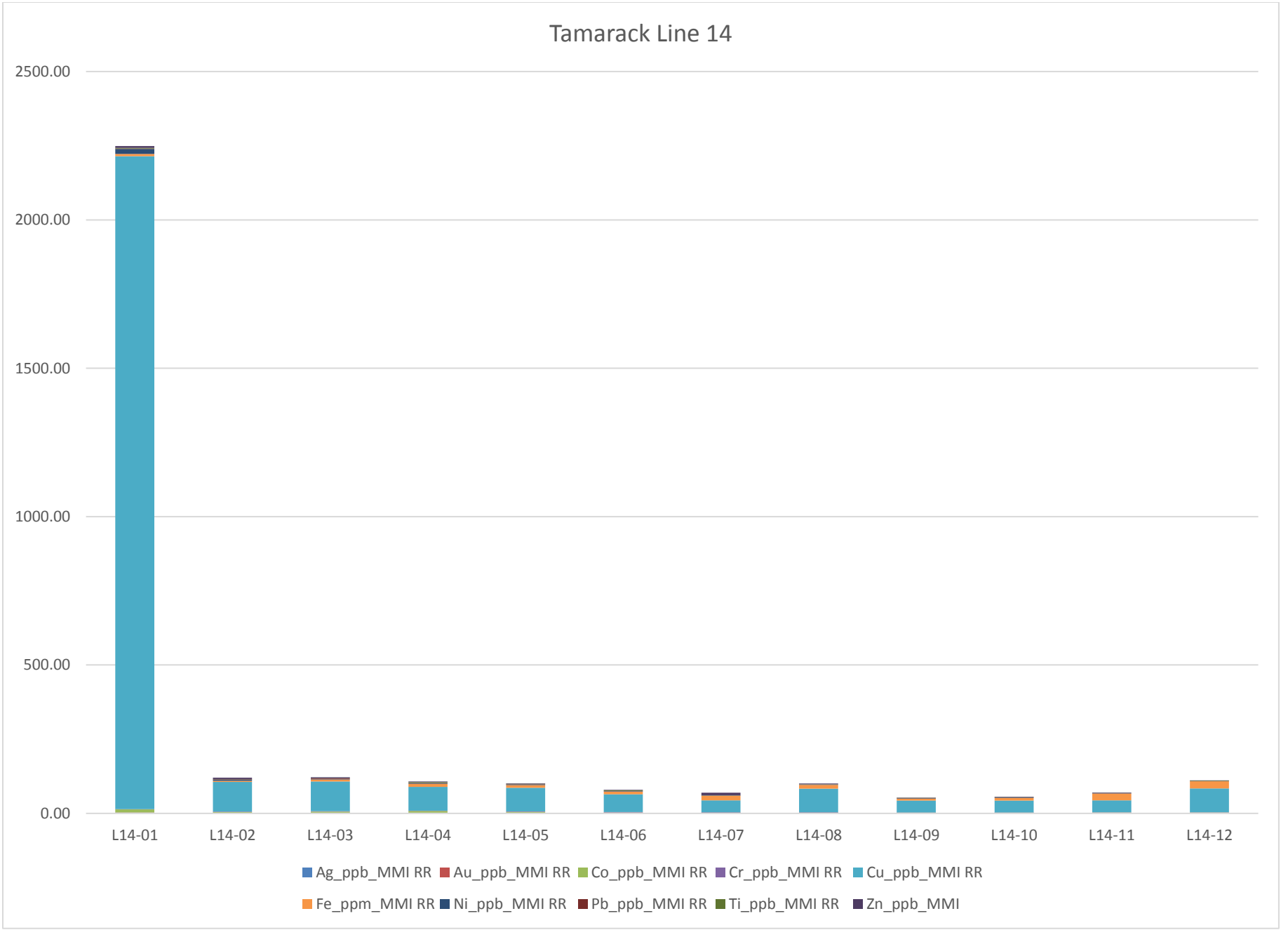
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L13 - 1
L13 - 2
L13 - 3
L13 - 4
L13 - 5
L13 - 6
L13 - 7
L13 - 8
L13 - 9
L13 - 10
L13 - 11
L13 - 12
L13 - 13
L13 - 14
L13 - 15
L13 - 16
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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L14-01
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L14-03
L14-04
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L14-08
L14-09
L14-10
L14-11
L14-12
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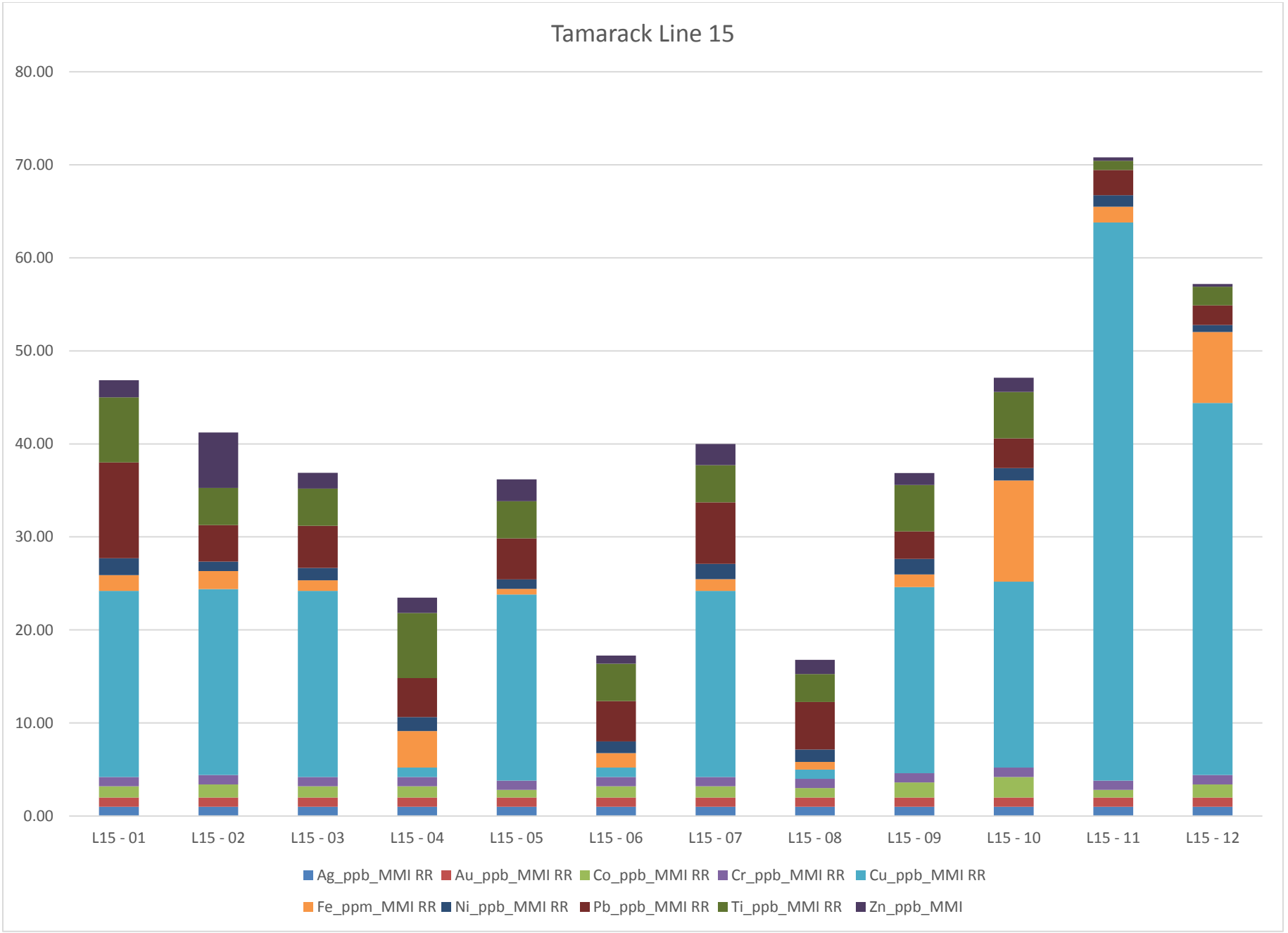
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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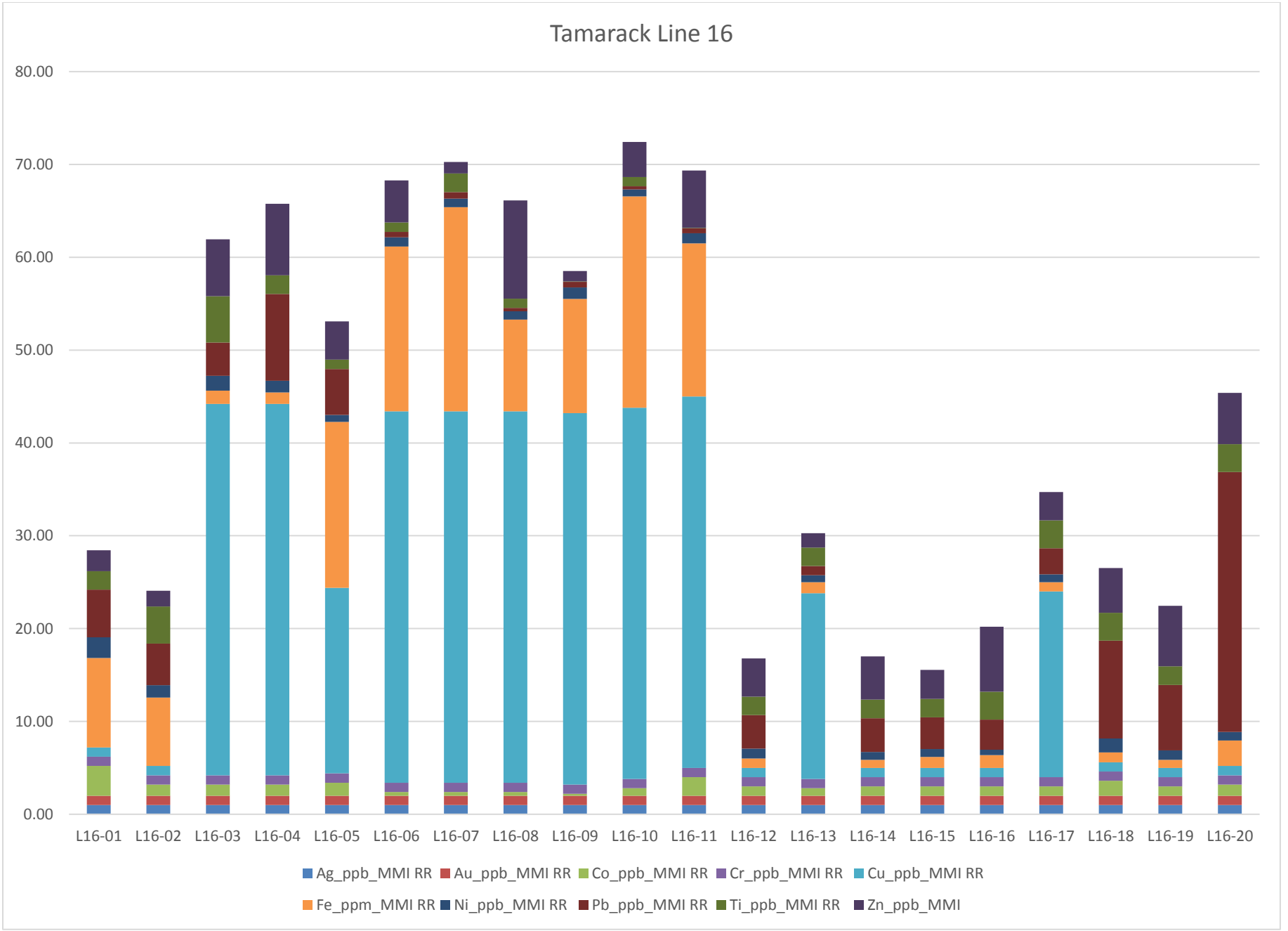
20.00
10.00
0.00
L15 - 01
L15 - 02
L15 - 03
L15 - 04
L15 - 05
L15 - 06
L15 - 07
L15 - 08
L15 - 09
L15 - 10
L15 - 11
L15 - 12
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI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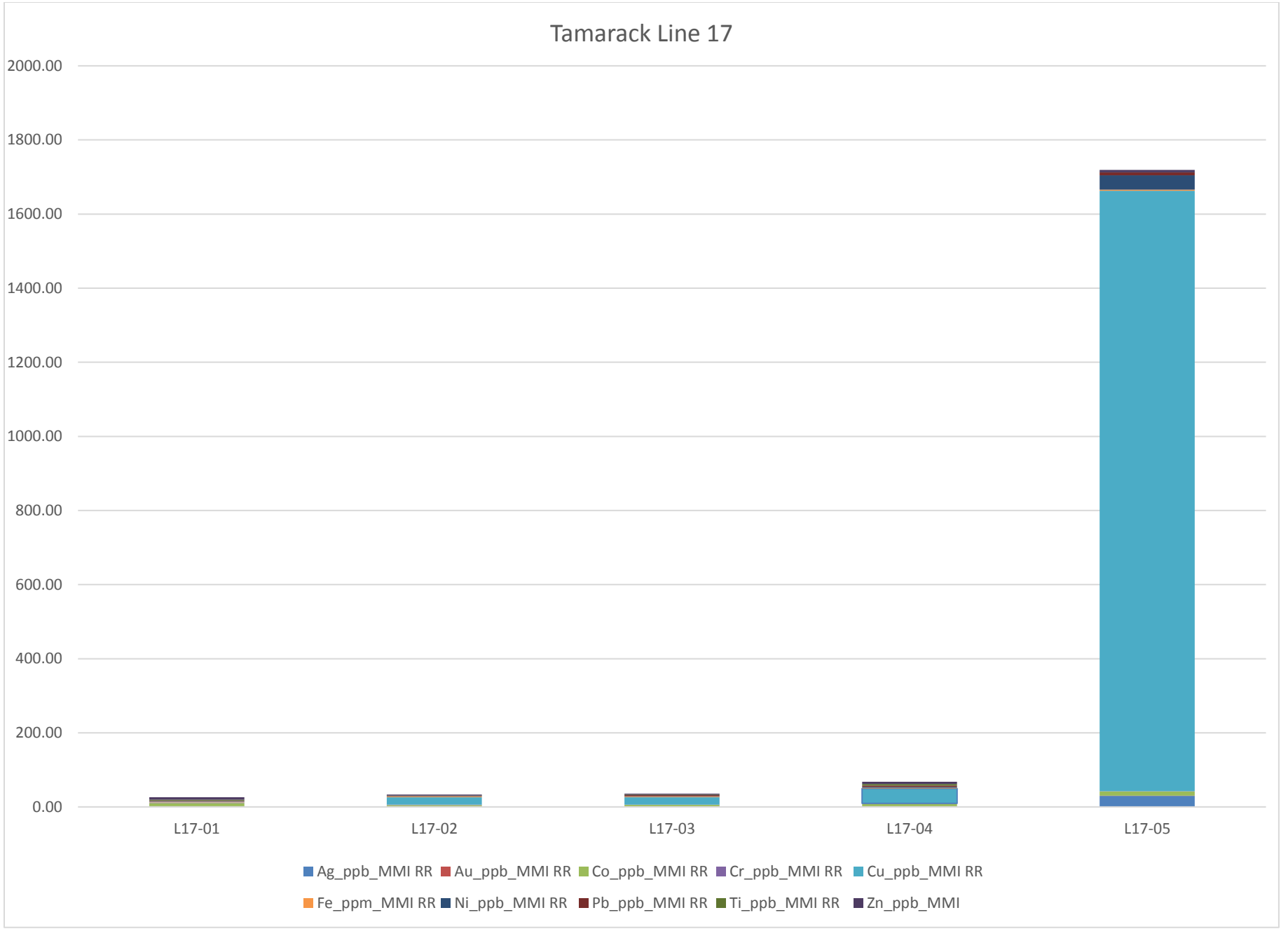
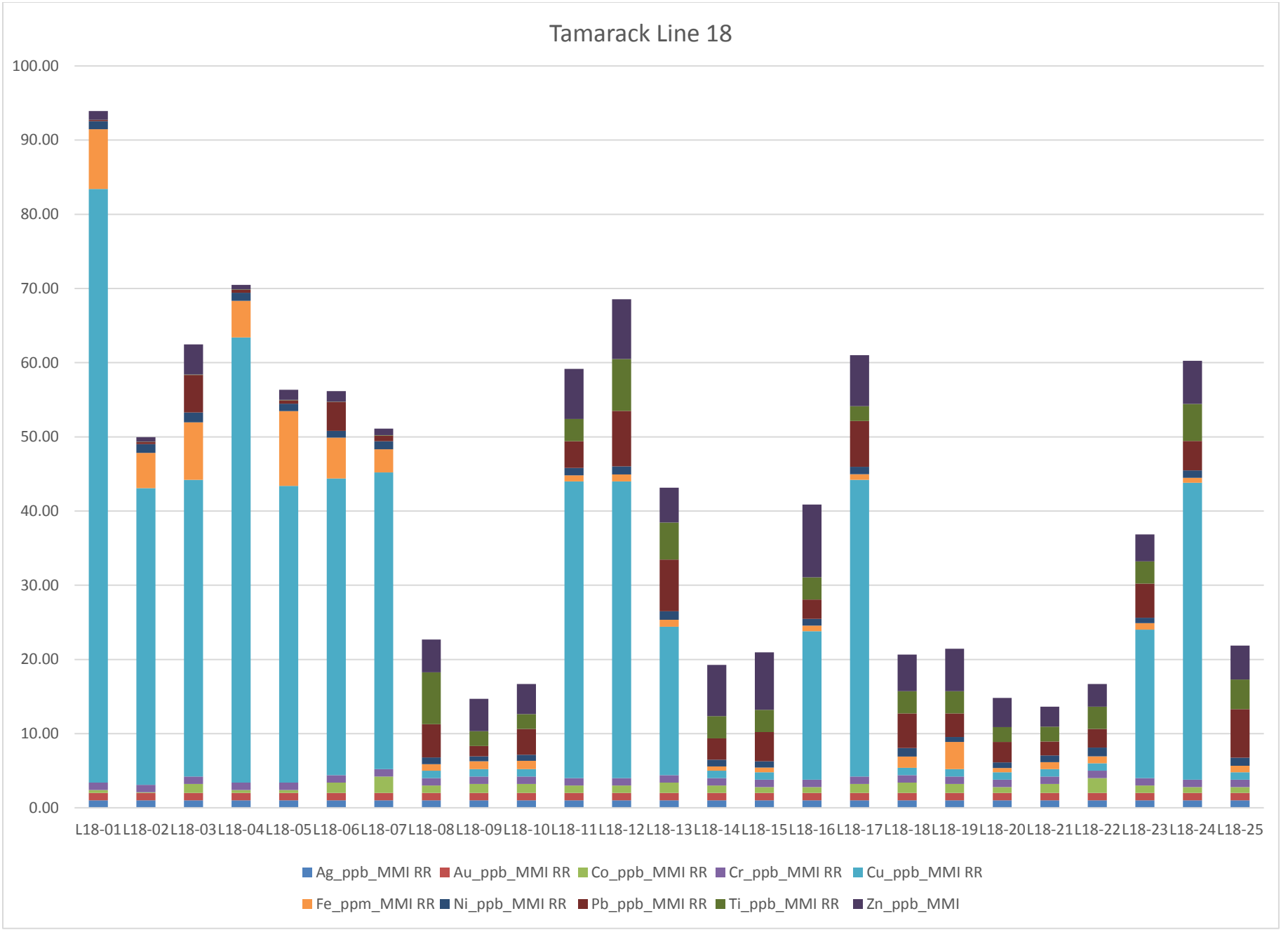
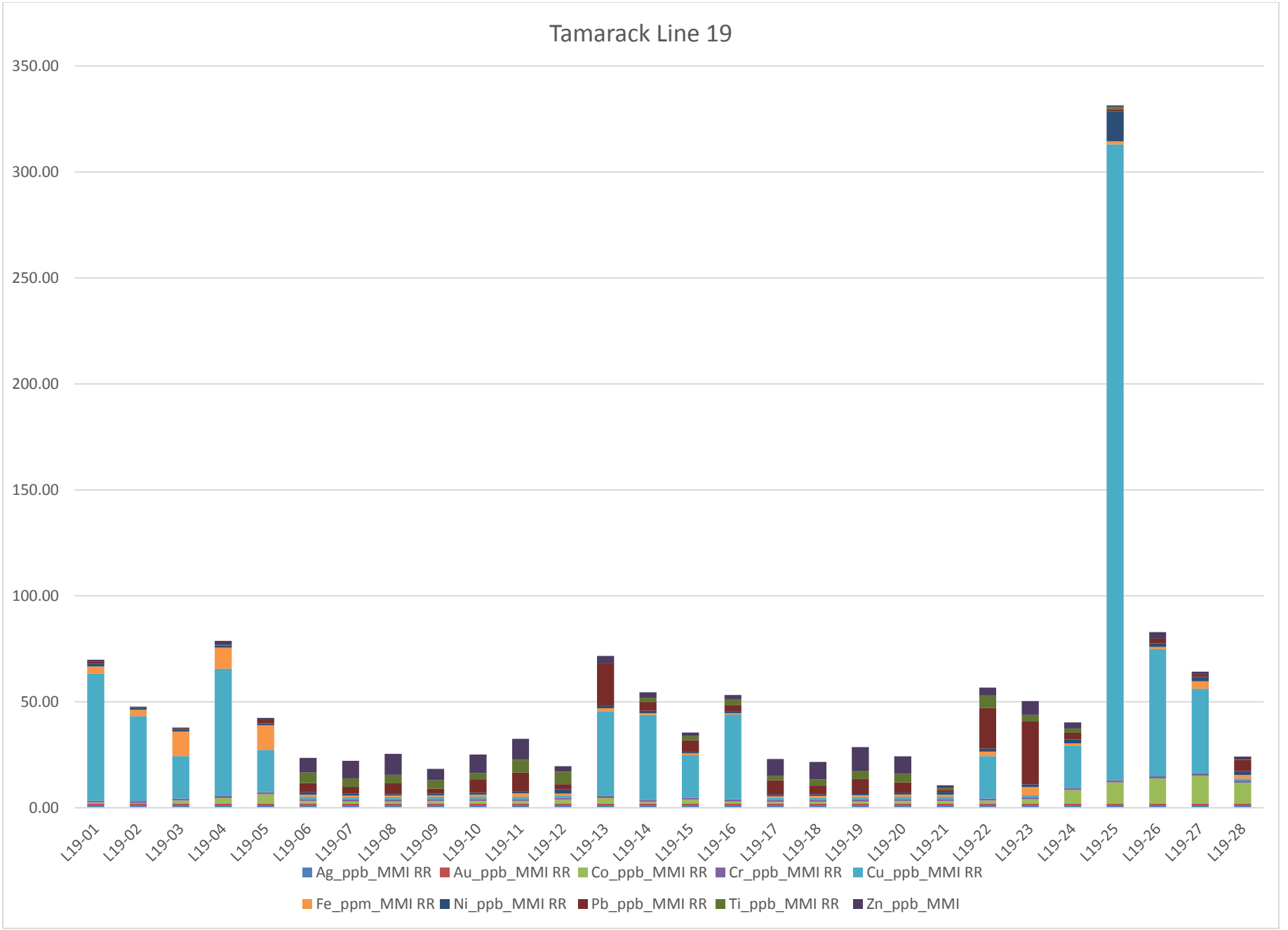
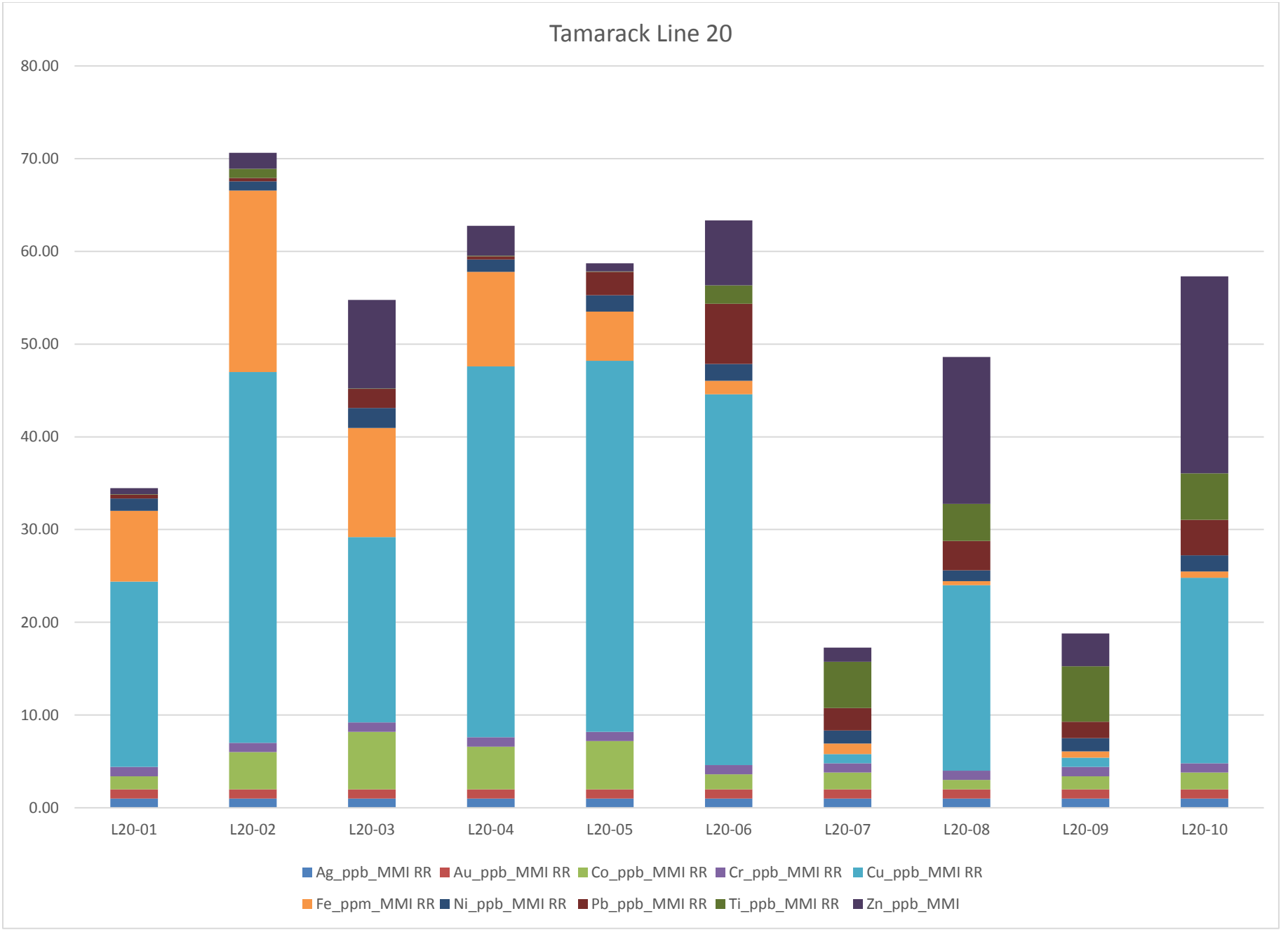
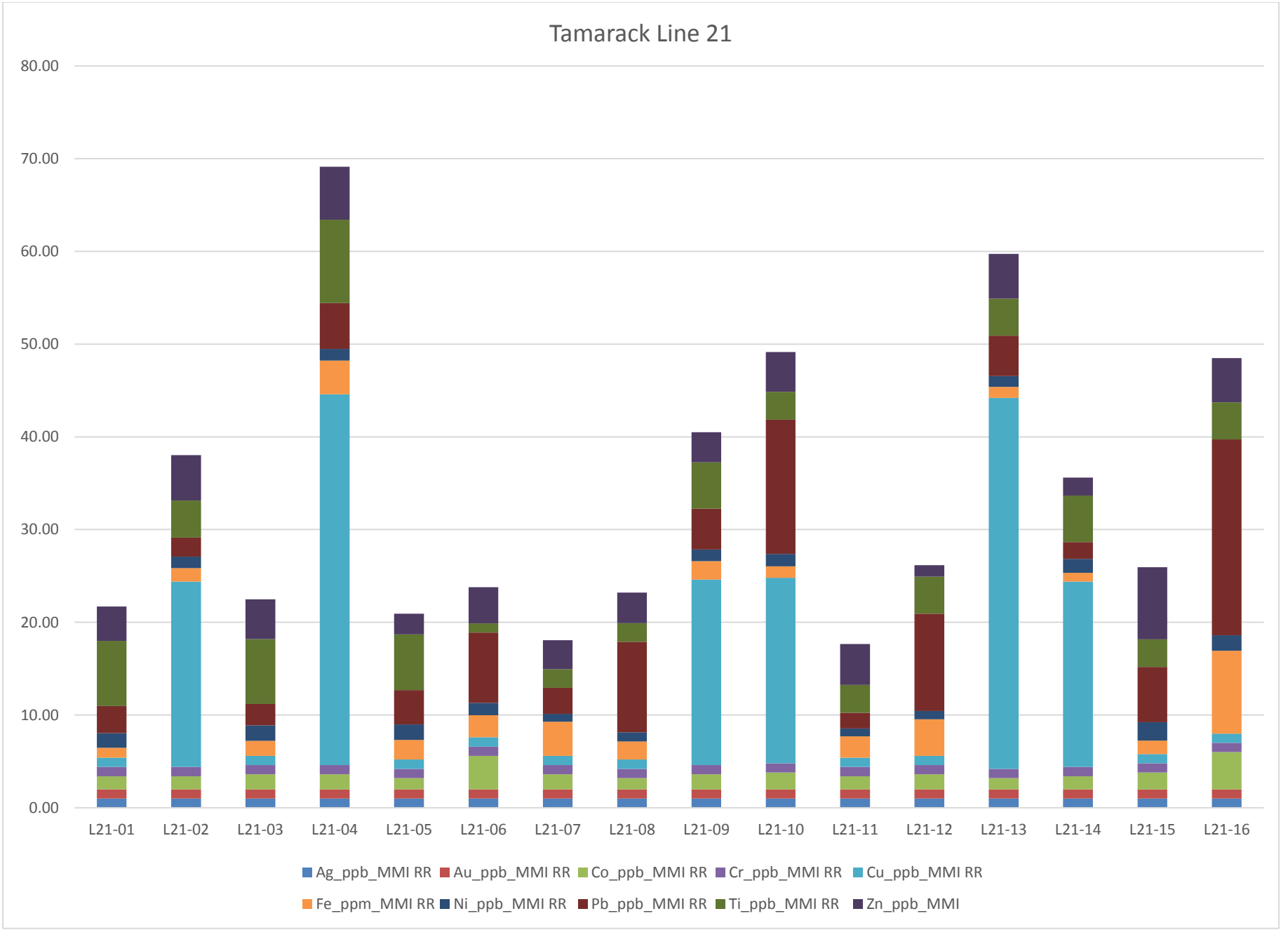
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L16-01
L16-02
L16-03
L16-04
L16-05
L16-06
L16-07
L16-08
L16-09
L16-10
L16-11
L16-12
L16-13
L16-14
L16-15
L16-16
L16-17
L16-18
L16-19
L16-20
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI

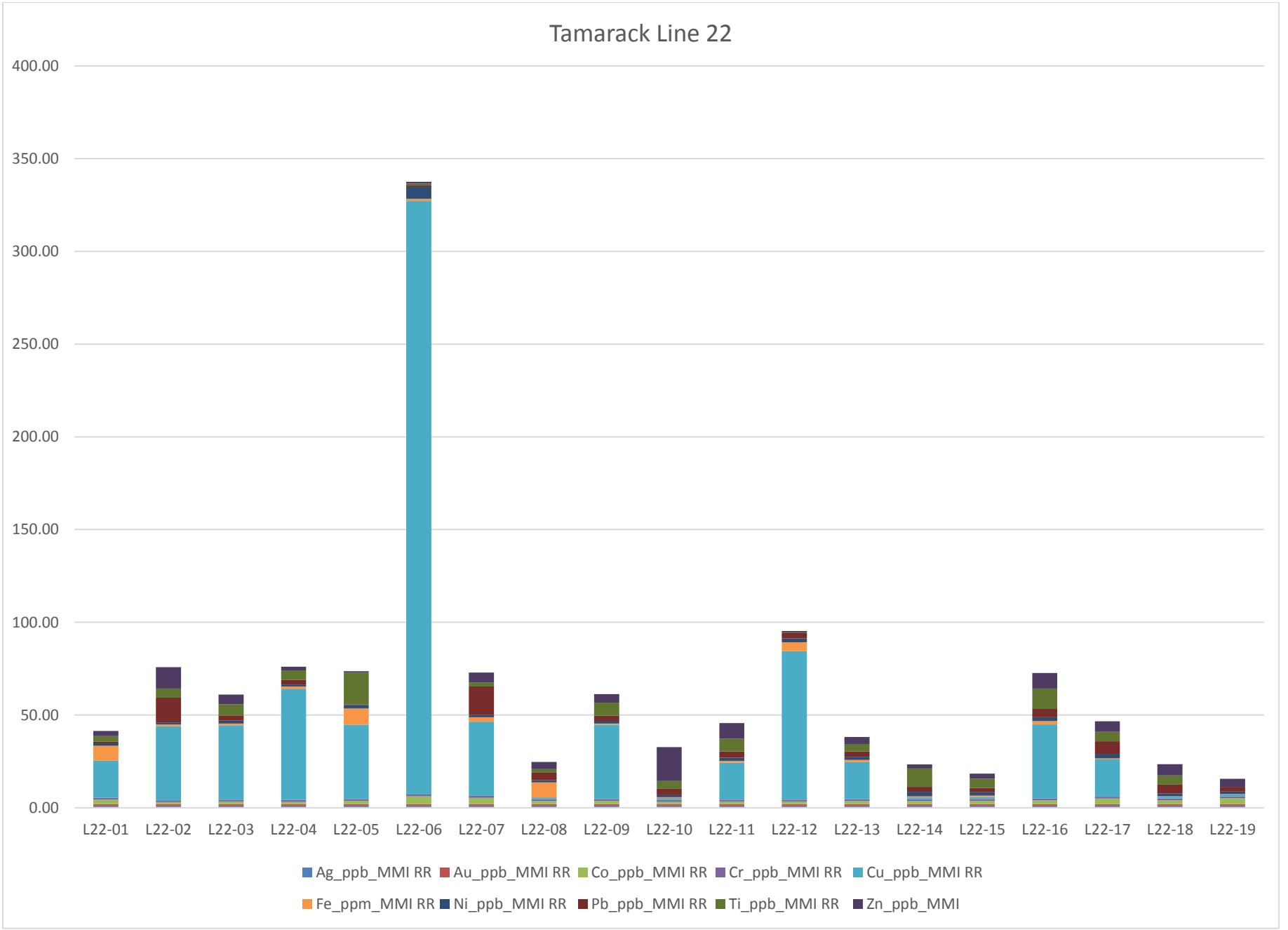

Tamarack Line 17
2000.00
1800.00
1600.00
1400.00
1200.00
1000.00
800.00
600.00
400.00
200.00
0.00
L17-01
L17-02
L17-03
L17-04
L17-05
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 18
100.00
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L18-01 L18-02 L18-03 L18-04 L18-05 L18-06 L18-07 L18-08 L18-09 L18-10 L18-11 L18-12 L18-13 L18-14 L18-15 L18-16 L18-17 L18-18 L18-19 L18-20 L18-21 L18-22 L18-23 L18-24 L18-25
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 19
350.00
300.00
250.00
200.00
150.00
100.00
50.00
0.00
L19-01
L19-02
L19-03
L19-04
L19-05
L19-06
L19-07
L19-08
L19-09
L19-10
L19-11
L19-12
L19-13
L19-14
L19-15
L19-16
L19-17
L19-18
L19-19
L19-20
L19-21
L19-22
L19-23
L19-24
L19-25
L19-26
L19-27
L19-28
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 20
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L20-01
L20-02
L20-03
L20-04
L20-05
L20-06
L20-07
L20-08
L20-09
L20-10
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 21
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
L21-01
L21-02
L21-03
L21-04
L21-05
L21-06
L21-07
L21-08
L21-09
L21-10
L21-11
L21-12
L21-13
L21-14
L21-15
L21-16
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI


Tamarack Line 22
400.00
350.00
300.00
250.00
200.00
150.00
100.00
50.00
0.00
L22-01
L22-02
L22-03
L22-04
L22-05
L22-06
L22-07
L22-08
L22-09
L22-10
L22-11
L22-12
L22-13
L22-14
L22-15
L22-16
L22-17
L22-18
L22-19
Ag_ppb_MMI RR
Au_ppb_MMI RR
Co_ppb_MMI RR
Cr_ppb_MMI RR
Cu_ppb_MMI RR
Fe_ppm_MMI RR
Ni_ppb_MMI RR
Pb_ppb_MMI RR
Ti_ppb_MMI RR
Zn_ppb_MMI

APPENDIX V

Soil Sampling
Result Maps at 1:10,000
For select elements

5,861,000 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

Appendix V
Results Map
1:10,000
Ag ppm MMI

Ag_ppb_MMI
- 5 to 7.5
- 2.5 to 5
- 0 to 2.5

5.49

0.25

N

0 400 800

metres

5,861,000 mN

564,500 mE 565,000 mE 565,500 mE 566,000 mE 566,500 mE 567,000 mE 567,500 mE 568,000 mE

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

Appendix V
Results Map
1:10,000
As ppm INAA

N

0 400 800

metres

As_ppm INAA

44	to	101	(14)
19	to	44	(68)
7	to	19	(78)
0	to	7	(165)

65.5

0.88

5,861,000 mN

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

N

0 400 800

metres

Appendix V
Results Map
1:10,000
Co ppm INAA

Co_ppm INAA

17 to 66	(8)
5 to 17	(44)
2 to 5	(133)
0 to 2	(140)

53.2

0.05

5,861,000 mN

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

N

0 400 800

metres

Appendix V
Results Map
1:10,000
Co ppm MMI

Co_ppb_MMI

32 to 78

10 to 32

7 to 10

0.5 to 7

54

0.874

5,861,000 mN

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

Appendix V
Results Map
1:10,000
Cr ppm INAA

N

0 400 800

metres

Cr_ppm INAA

13 to 66 (13)

3 to 13 (141)

2 to 3 (114)

0 to 2 (57)

46.4

1.3

5,861,000 mN

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

Appendix V
Results Map
1:10,000
Cu ppm MMI

Cu_ppb_MMI
- 250 to 1,100
- 50 to 250
- 10 to 50
- 0 to 10

598

0.5

N

0 400 800

metres

5,861,000 mN

564,500 mE | 565,000 mE | 565,500 mE | 566,000 mE | 566,500 mE | 567,000 mE | 567,500 mE | 568,000 mE

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

Appendix V
Results Map
1:10,000
Fe % INAA

N

0 400 800

metres

Fe_% INAA

7 to 19	(33)	
3 to 7	(70)	
1 to 3	(54)	
0 to 1	(168)	

16.8

0.177

5,861,000 mN

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

N

0 400 800

metres

Appendix V
Results Map
1:10,000
Fe ppm MMI

Fe_ppm_MMI

310 to 390

200 to 310

100 to 200

0 to 100

321

7

5,861,000 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

Appendix V
Results Map
1:10,000
Ni ppm MMI

N

0 400 800

metres

Ni_ppb_MMI

150 to 470

40 to 150

10 to 40

0 to 10

347

8

5,861,000 mN

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

N

0 400 800

metres

Appendix V
Results Map
1:10,000
Pb ppm MMI

Pb_ppb_MMI

100 to 510

50 to 100

10 to 50

0 to 10

415

2.5

5,861,000 mN

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

Appendix V
Results Map
1:10,000
Ti ppm MMI

N

0 400 800

metres

Ti_ppb_MMI

100 to 320

50 to 100

10 to 50

0 to 10

70.8

0.5

5,861,000 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

Appendix V
Results Map
1:10,000
Zn ppm INAA

N

0 400 800

metres

Zn_ppm INAA

76 to 223	(35)	
40 to 76	(70)	
17 to 40	(88)	
1 to 17	(132)	

223

1

5,861,000 mN

5,860,500 mN

5,860,000 mN

5,859,500 mN

5,859,000 mN

5,858,500 mN

5,857,500 mN

564,500 mE

565,000 mE

565,500 mE

566,000 mE

566,500 mE

567,000 mE

567,500 mE

568,000 mE

N

0 400 800

metres

Appendix V
Results Map
1:10,000
Zn ppm MMI

Zn_ppb_MMI

1,200 to 3,610

600 to 1,200

250 to 600

50 to 250

0 to 50

2,690

30