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Black Creek Project
James Bay Lowlands, Ontario

Soil Sampling Program

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Summary

The Black Creek 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, has been intruded by mafic and ultramafic magmas and is in places 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 in 2002. Following a period of intensive exploration, at least nine VMS occurrences, three Ni-Cu deposits and three significant chromite discoveries have been made 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 report covers 12 contiguous, unsurveyed and unpatented claim units that comprise 1 mineral claim license, #4208216. The claim block is situated adjacent to the sulphide and chromite oxides discoveries of Noront, Freewest and Spider/KWG (now Cliffs Natural Resources), and along strike within the volcanic package as inferred from airborne magnetic data.

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 Black Creek project is the subject of this report, twenty (20) sites were sampled.

The area is believed to be underlain by a mixed sequence of ultramafic sills and intermediate volcanics with minor felsic volcanics, clastic metasedimentary rocks and iron formation belonging to the SVB as well as granodiorite, which forms the country rock to the SVB.

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.

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1. Introduction

This report details the results of a soil sampling program. From September 29 to October 5 2016, Probe Metals completed soil sampling on its Ring of Fire properties, specifically Black Creek and Tamarack. The Black Creek project is the subject of this report, and twenty (20) sites were sampled.

The Black Creek 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, has been intruded by mafic and ultramafic magmas and is in places 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 in 2002. Excitement 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 nine VMS occurrences, three Ni-Cu deposits and four significant chromite discoveries have been made near the Probe Metals claims, one of which is Probe Metals` Black Creek deposit. 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 report covers 12 contiguous unsurveyed and unpatented claim units that comprise 1 mineral claim license. The claim block is situated adjacent to the sulphide and chromite oxides discoveries of Noront, Freewest and Spider/KWG (now Cliffs Natural Resources) and along strike within the volcanic package as inferred from airborne magnetic data. The mineral claim license number is 4208216.

The area is underlain by a mixed sequence of ultramafic sills and intermediate volcanics with minor felsic volcanics, clastic metasedimentary rocks and iron formation belonging to the SVB as well as granodiorite, which forms the country rock to the SVB.

All costs are in Canadian dollars and the coordinate system used is UTM Datum NAD 83, Zone 16.

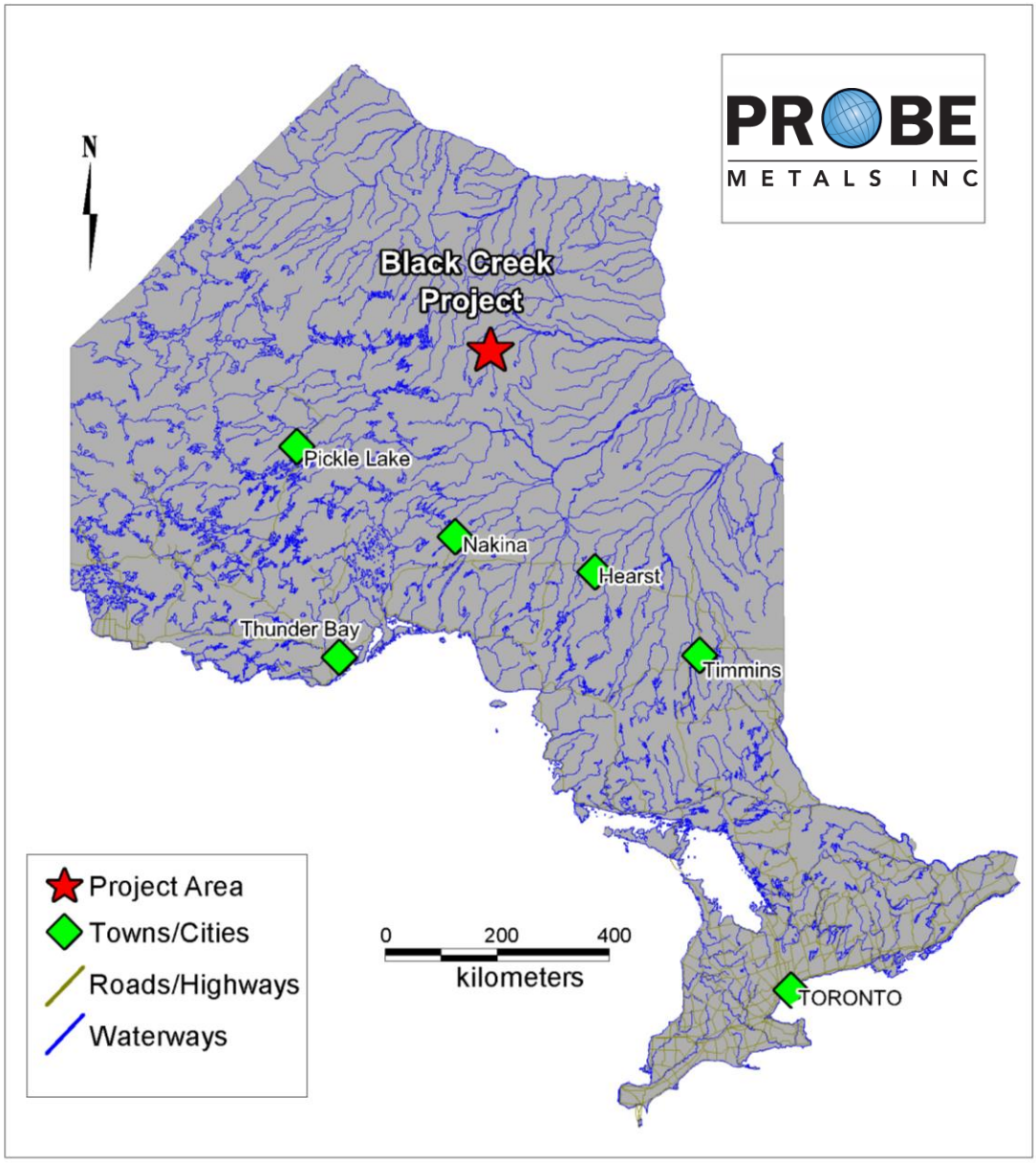

Figure 1.1 Location of the Black Creek Project, Ontario

1.1 Terms of Reference

This report uses standard System International (SI) units. The coordinate system used for georeferencing is UTM NAD 83 (Zone 16), 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:

OGS	Ontario Geological Survey
UTM	Universal Trans Mercator (geographic)
NAD	North American Datum (geographic)
SVB	Sachigo Volcanic Belt
VMS	Volcanogenic Massive Sulphide (deposit type)
MMS	Magmatic Massive Sulphide (deposit type)
PGE	Platinum Group Elements
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)
IP	Induced Polarization (geophysics)
TDEM	Time Domain Electromagnetics
γ	Gamma (1 gamma = 1 nanoTesla), magnetic units

1.2 Disclaimer

Land tenure information and assessment reports have been extracted from the Ontario Ministry of Northern Development and mines web site (www.mndm.gov.on.ca/MNDM), which contains the following disclaimer:

"Use this Internet service at your own risk. The Ministry of Northern Development and Mines disclaims all responsibility for the accuracy of information provided. Material in this service involves a new use of technology, which may cause errors and therefore the information may be inaccurate or incomplete.

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Geological data and information used in this report have also been gathered from government reports and company websites and provided by Probe Metals Inc. 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 Company press releases, 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 Black Creek 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 Black Creek Project ("BCP") falls within the Sachigo Volcanic Belt (SVB) of northern Ontario (Fig 2.2). The report details work performed on 12 contiguous claim units within the BCP staked as a rectangular block that comprises 1 mineral claim license. The claim blocks are situated adjacent to the sulphide and chromite oxides discoveries of Noront, Freewest and Spider/KWG (Fig. 1.3).

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. 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 12 unsurveyed and unpatented claim units comprise one mineral license (Fig. 1.2, 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 100% ownership is currently maintained by Probe Metals. There are no outstanding or pending adverse environmental issues attached to the property. Regulatory permits are not required for the exploration activities outlined in this report.

Table 1.1 Land Tenure information

Claim #	District	Township	Units	Due Date	Assessment Required	Reserve Credits	Total Required
4208216	POR	BMA 527 861	12	07/03/2017	4800	2310	2490

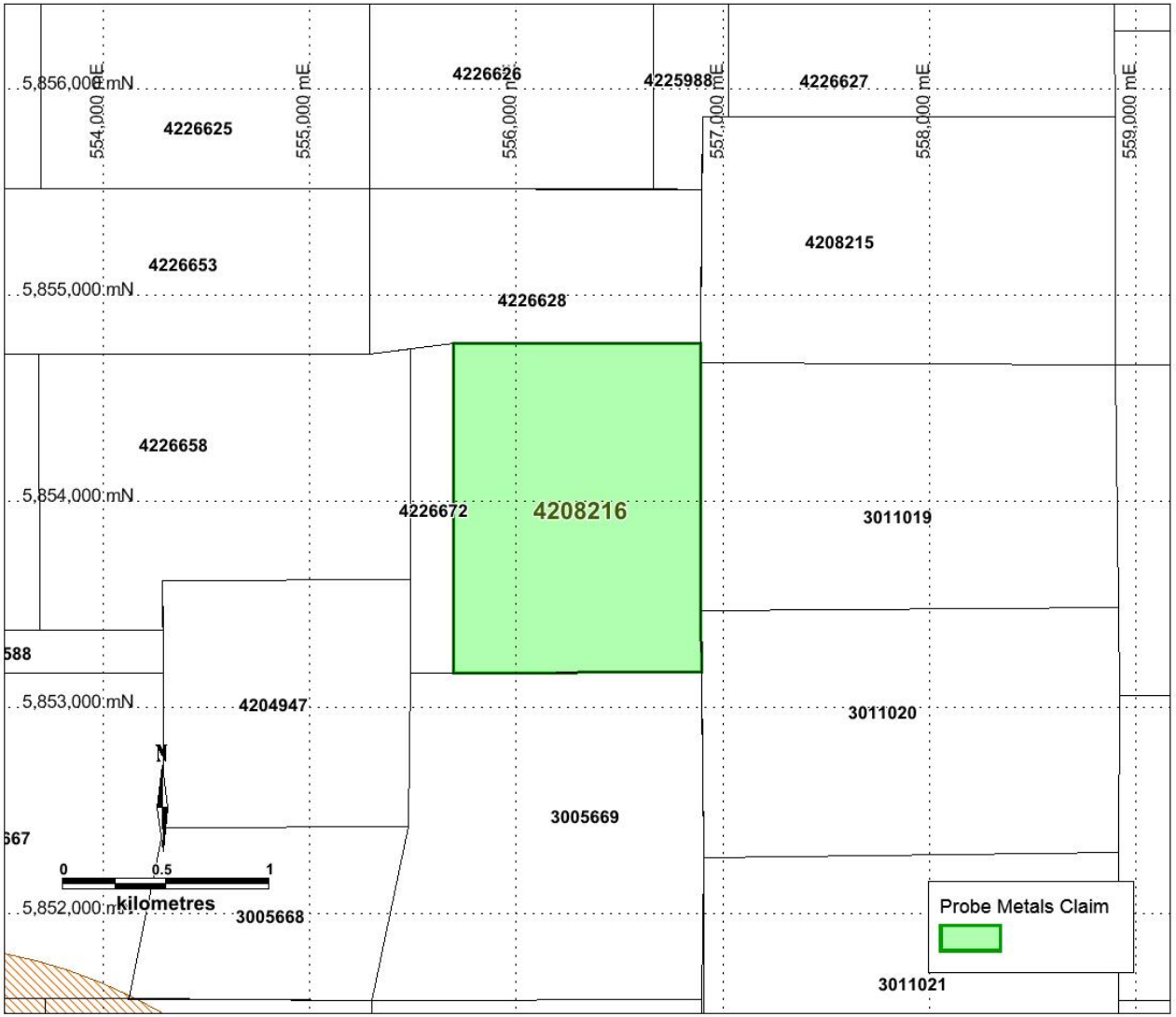

Figure 1.2 Claim Location Map

1.5 Topography

The claim block is 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 and Muketei Rivers and numerous small streams. 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 ten kilometers east of the property.

1.6 Previous Work

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.

Interest in the diamond potential of the James Bay Lowlands triggered a number of regional-scale geochemical surveys in the area (OFR-6097 Spider 3; OFR-6108 James Bay), which evaluated 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 external information available regarding volcanic rocks in the McFauld's Lake area comes from exploration by Spider Resources on nearby mineral properties. Diamond drilling by Spider intersected a number of VMS occurrences, the most notable being McFauld's #1 and #3, which are located to the east-northeast of Probe Metals Black Creek properties (Fig 1.3). 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.

On October 3rd, 2006, Probe Mines intersected a zone of copper mineralization on the west block of its Tamarack Project comprising massive pyrite with significant interstitial chalcopyrite. This zone, termed the "A-Zone" (Fig. 1.3) occurs within felsic fragmental volcanics, and is probably stratigraphically related to the Spider Resources mineralization.

In August of 2007 Noront intersected high-grade nickel-copper-platinum-palladium-gold mineralization in a coarse-grained peridotite near to Probe Metals' Black Creek project (Fig. 1.3). Drilling highlights of the Eagle One discovery included a mineralized intersection averaging 6.25% nickel, 2.75% copper, 1.85 g/t platinum, 10.23 g/t palladium, 3.0 g/t gold and 10.3 g/t silver over 46.6 meters. In October 2008 Noront released a preliminary economic assessment of the Noront Ni-Cu deposit which reported an estimated resource (indicated) of 1,834,000 tonnes averaging 1.96% Ni, 1.18% Cu and 5.1g/t combined platinum, palladium and gold. Evaluation of other geophysical targets by Noront resulted in the discovery of two additional Ni-Cu occurrences, Eagle Two and AT-12.

The identification of layered massive chromite was first made by Spider Resources in January 2006 while exploring for VMS mineralization. Noront Resources identified further chromite mineralization on its Black Bird 1 and 2 showings, while Freewest Resources returned significant intersections of massive chromite in its Black Thor and Black Label deposits (Fig. 1.3). Highlights from the Freewest drilling include a 124m intersection grading 30% Cr2O3. The chromite occurrences are all located along a singular magnetic high extending for approximately 20km in a northeast direction along which many of Probe's Black Creek claims occur.

Probe Mines completed a diamond drilling program between July and September 2009 which was designed to test a number of ground gravity and airborne magnetic targets identified on its claim 4208219 which also forms part of the Black Creek project. Nine holes were drilled, with four holes, MHV03, -04, -05 and -06 intersecting massive chromite layers of potential economic significance. The discovery was named the Black Creek deposit.

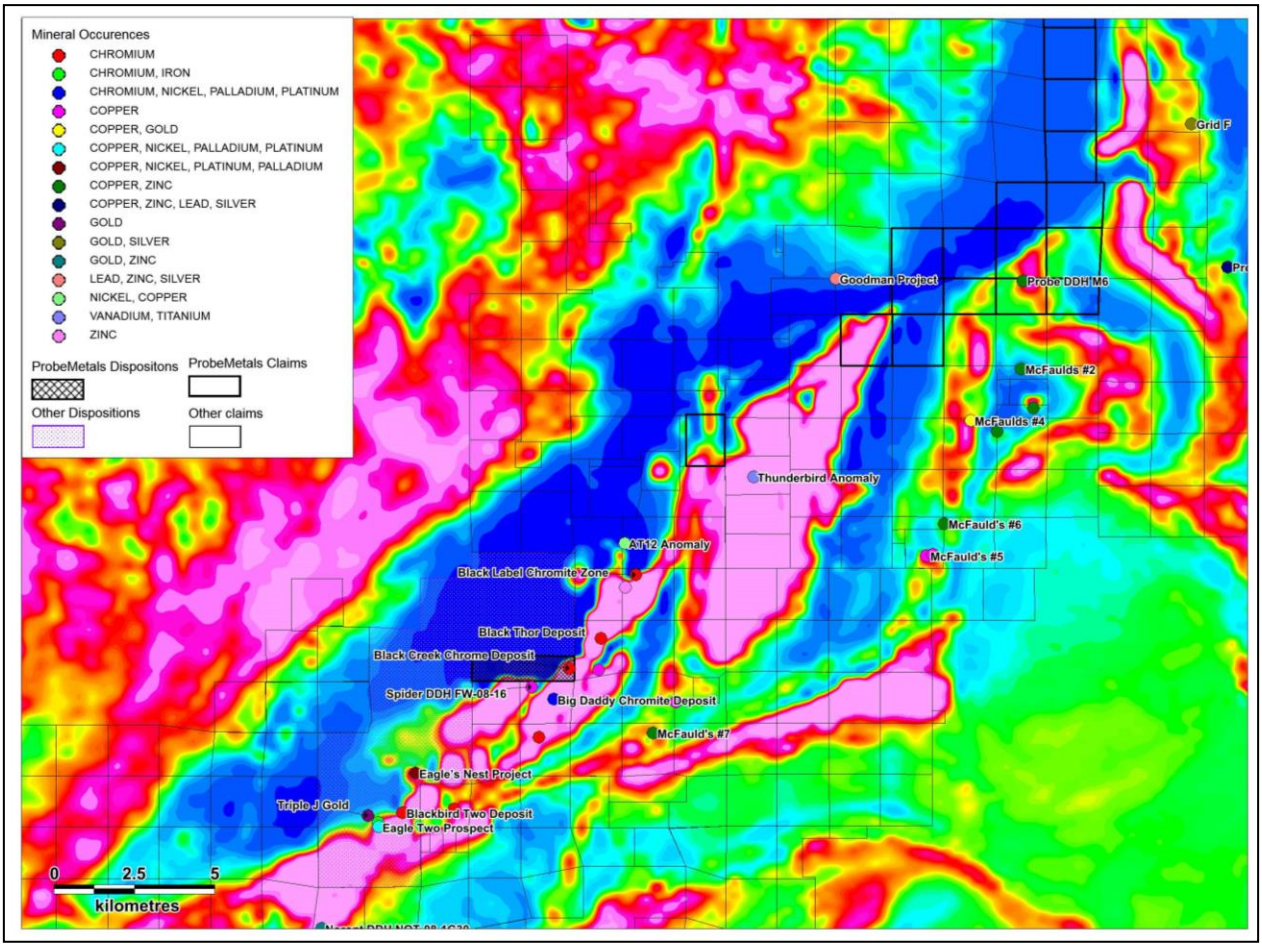

Figure 1.3 McFauld's Lake Area mineral occurrences

2. Geology

2.1 Regional Geology

The Black Creek 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. 2.1), 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). The Black Creek claim blocks lie within the Sachigo metasedimentary subprovince.

2.1.1 Sachigo Subprovince

The Sachigo Subprovince represents the northernmost extent of exposed Archean basement rocks of the Superior Province (Fig 2.1, 2.2). To the west, the Sachigo is

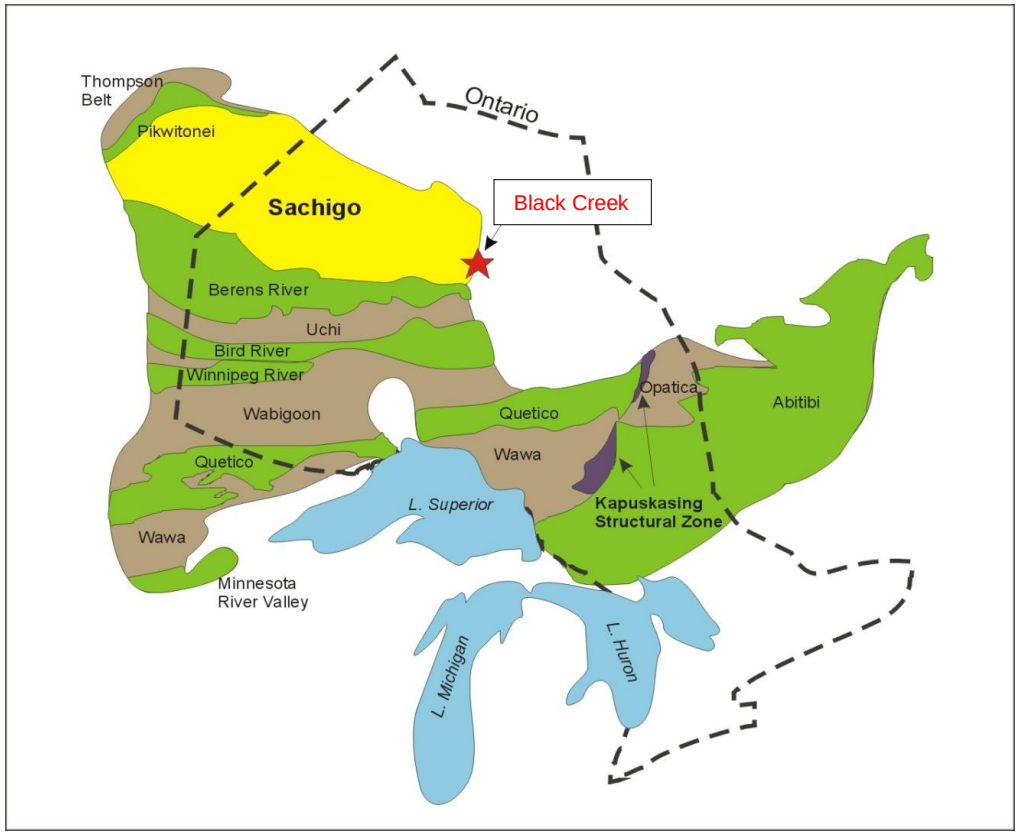

Figure 2.1 The Superior Province of Ontario

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).

2.1.2 Felsic/Intermediate Intrusives

Granitic rocks represent the dominant lithologies in the Sachigo subprovince and include, from oldest to youngest: gneissic tonalites; foliated tonalites; a muscovite granodiorite–granite series; and a diorite-monzonite-granodiorite suite (Thurston et al., 1991).

Gneissic Tonalites

These intrusives are possibly the oldest example of plutonic rocks (Thurston et al., 1991), and can be divided into melanocratic (>20% amphibole) and leucocratic (<20% amphibole) series, although dominated by the latter. Rocks are heterogeneous, and are typically cut by several generations of granitic dykes, and may contain mafic inclusions up to kilometers in diameter (Thurston et al., 1991). The origin of these inclusions can be traced back to supracrustal xenoliths and tectonized mafic dykes. Tonalitic rocks of the Sachigo subprovince are batholithic in proportion, and display a general west to northwest strike in their layering, which shows divergence around younger intrusives and in the vicinity of shear zones. Contact relationships with greenstone terranes are almost invariably tectonic, while more gradational with other felsic intrusives (Thurston et al., 1991).

Foliated Tonalite

Foliated tonalites include amphibole-bearing and biotite-bearing varieties, and typically form irregular batholiths and stocks at the interface between greenstone terranes and massive tonalite in the Sachigo subprovince (Stone, 1989; Thurston et al., 1991). Amphibole-bearing tonalite typically contains less than 20% mafic minerals, usually as hornblende, while more felsic versions are dominated by biotite in their mafic assemblages. Rocks are generally medium- to coarse-grained, and relatively homogeneous, although megacrysts and clotty amphibole are common in hornblende tonalites and granodiorites (Thurston et al., 1991). The intrusions are well foliated, with foliation described by oriented lenticles of quartz, plagioclase, biotite and hornblende (Thurston et al., 1991).

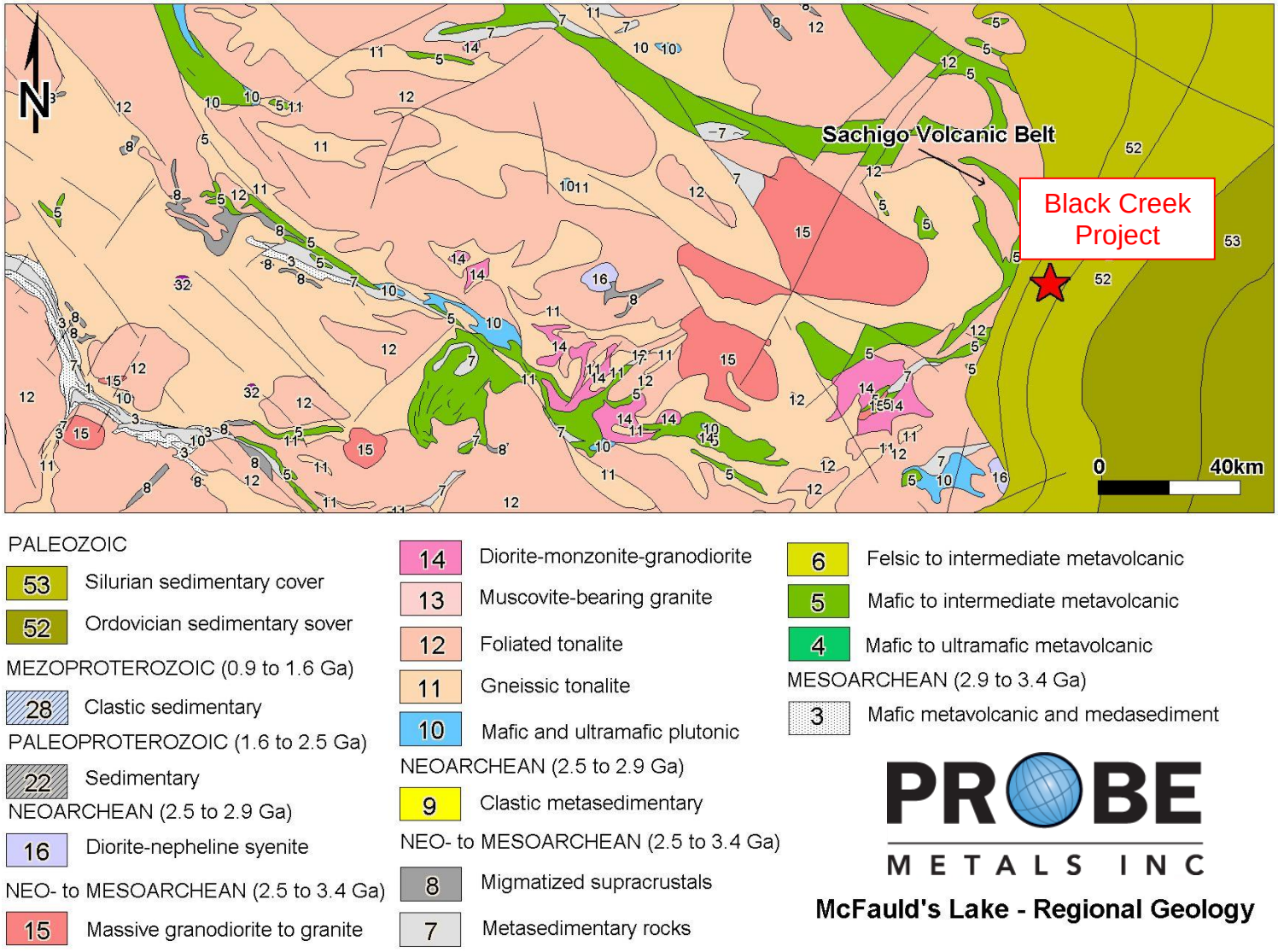

Figure 2.2 Regional geology of the Black Creek Project and McFauld's Lake area, Sachigo Volcanic Belt

Massive Granodiorite-Granite

Within the granodiorite to granite suite granodiorites predominate, with feldspar megacrystic granodiorite and biotite granodiorite forming the two most voluminous lithologies (Thurston et al., 1991). Megacrystic varieties are grey to pink, and contain feldspar megacrysts up to 2cm in length, and generally less than 15% mafic constituents including possible relict clinopyroxene (Thurston et al., 1991). Magnetite is common in this series and accounts for its high magnetic signature in regional aeromagnetics. Massive biotite granodiorites are a weakly foliated, pale pink rock, containing irregular pods of pegmatitic material (Thurston et al., 1991). Mafic minerals, dominated by biotite, typically make up less than 10% of the rock.

Muscovite-Bearing Granite

Members of this suite range from granodiorite to granite, and are coarse-grained to pegmatitic, often containing metasedimentary xenoliths. They include two-mica granites and leucogranites, which are usually associated with major shear zones in the Sachigo subprovince. Their young ages (2653 Ma), compared to two-mica granites in the southern Superior Province, smaller sizes and tectonic association suggest that these granites may have formed from melting of metasedimentary units during late block-to-block movement (Thurston et al., 1991).

Diorite-Monzonite-Granodiorite

These rocks represent the youngest felsic/intermediate intrusions in the Sachigo subprovince, and range between quartz diorite and quartz monzonite. Mafic mineral assemblages can be high, up to 30%, with hornblende typically dominant over biotite, and occasional pyroxene (Thurston et al., 1991). Rocks of this suite show a spatial association with mafic intrusives, and usually display a gradational transition to gabbroic compositions. The rocks are generally inclusion-rich, and this, coupled with the mafic mineralogy, suggests that they are mantle derived, similar to monzodiorite plutons in the southern Superior (Stern et al., 1989).

2.1.3 Mafic Intrusive Rocks

Pre-tectonic mafic intrusive rocks in the Sachigo subprovince are considered to be synvolcanic by Thurston et al. (1991), and comprise predominantly mafic to ultramafic sills. Post-tectonic magmatism in the northwestern Superior Province includes three diabase dyke swarms, comprising the 2171 Ma Marathon swarm, 1888 Ma Molson Swarm and the 1267 Ma MacKenzie Swarm.

Big Trout Lake Intrusive Complex

The Big Trout Lake intrusive complex represents the largest exposed mafic-ultramafic intrusion and consists of a folded 5000m thick sill containing a 500m thick lower ultramafic sequence of dunite, chromite and chromite-rich layers overlain by homogeneous

peridotite. Two batches of tholeiitic magma are indicated in the formation of the sill (Borthwick and Naldrett, 1984).

McFauld's Lake Ultramafic Sill

A mantle derived, highly magnetic ultramafic intrusion was emplaced along the margin of a regional scale granodiorite pluton which had been intruded into and caused a doming of the host Sachigo greenstone belt rocks. The sills are in contact with both lithologies of the SVB and the Archean granodiorite at its northern contact. The sill is magnetically distinct allowing it to be traced more or less uninterrupted, for tens of kilometres along the granodiorite margin. It appears that a series of conduits cutting across the granodiorite have acted as feeders to the main sill, and the Eagle One deposit is interpreted to be formed in one of these conduits.

2.2 Property Geology

Very little is known about the geology of the Black Creek Project and McFauld's Lake area, with most of the information obtained from recent drilling in the area of the VMS and MMS discoveries at the eastern extent of the volcanics (Franklin, 2003). Within the eastern section of the belt 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.

The ultramafic units, which comprise the sill and feeder dykes along the contact of the volcanics, consist of fine- to medium grained, talc rich rocks displaying varying degrees of alteration. In feeder dykes, grain size typically increases and relic olivine can be observed.

Owing to the buried nature of the volcanics and ultramafic intrusives 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.

2.2.1 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.

2.2.2 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.

2.2.3 Mineralization

Previous drilling on Probe Metals' Black Creek Project Claim 4208219 was successful in identifying a thick sequence of massive to disseminated chromite mineralization which was named the Black Creek deposit.

3. Exploration

Owing to the property`s proximity to numerous high-grade and significant discoveries of nickel-copper and chromite, Probe began exploration of these claims in 2009. Previous work on the claim was filed in work report W0960.00878 submitted in March 2009. Work performed included the completion of a VTEM airborne survey. An initial MMI sampling program was completed in September 2010 and filed under work report W1160.00466. The survey comprised 8 samples along an east-west traverse line. Additional MMI sampling was completed in 2012, comprising 48 samples, filed under work report W1360.00420.

3.1 Soil Survey

From September 29 to October 5 2016, Probe Metals completed soil sampling on its Ring of Fire properties, specifically Black Creek and Tamarack. The Black Creek project is the subject of this report, and twenty (20) sites were sampled.

3.2 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 a single east-west traverse line.

Two samples were collected at each site. Even numbered samples were sent to Activation Laboratories; while odd numbered samples were sent to SGS Canada. A total of twenty (20) sites were sampled and one (1) duplicated. As such a total of fort two (42) samples were collected. The locations of the samples are illustrated in Figure 3.1, with Appendix I containing a 1;5,000 scale location map and a table of sample location data is presented in Table 3.1.

Table 3.1 Soil Sample information

Sample MMI	Sample ICP-MS	Site #	Sampler	Date	UTM Easting	UTM Northing	Physiography	Slope	Drainage	Depth (cm)	Organic %	Silt %	Moisture	Colour
WS01733	WS01734	L23-01	Daniel L./ Breanne B.	30/09/2016	555906	5854402	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black
WS01735	WS01736	L23-02	Daniel L./ Breanne B.	30/09/2016	555947	5854397	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black
WS01737	WS01738	L23-03	Daniel L./ Breanne B.	30/09/2016	556001	5854400	Wetland	Flat (0-5°)	Moist	90-100	100%		Moist	Brown black
WS01739	WS01740	L23-04	Daniel L./ Breanne B.	30/09/2016	556055	5854400	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black
WS01741	WS01742	L23-05	Daniel L./ Breanne B.	30/09/2016	556099	5854396	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black
WS01743	WS01744	L23-06	Daniel L./ Breanne B.	30/09/2016	556150	5854401	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black
WS01745	WS01746	L23-07	Daniel L./ Breanne B.	30/09/2016	556200	5854404	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black
WS01747	WS01748	L23-08	Daniel L./ Breanne B.	30/09/2016	556250	5854396	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black
WS01749	WS01750	L23-08	Daniel L./ Breanne B.	30/09/2016	556250	5854396	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black
WS01917	WS01918	L23-20	Reed L./Matt H.	30/09/2016	556854	5854404	Wetland	Flat	Seepage	130	100%		Saturated	Brown - Orange
WS01919	WS01920	L23-19	Reed L./Matt H.	30/09/2016	556796	5854415	Wetland	Flat	Seepage	130	90%	10%	Saturated	Brown - Orange
WS01921	WS01922	L23-18	Reed L./Matt H.	30/09/2016	556751	5854403	Wetland	Flat	Seepage	130	90%	10%	Saturated	Brown - Orange
WS01923	WS01924	L23-17	Reed L./Matt H.	30/09/2016	556700	5854403	Wetland	Flat	Seepage	130	60%	40%	Saturated	Brown - Orange
WS01925	WS01926	L23-16	Reed L./Matt H.	30/09/2016	556651	5854403	Wetland	Flat	Seepage	130	90%	10%	Saturated	Brown - Orange
WS01927	WS01928	L23-15	Reed L./Matt H.	30/09/2016	556599	5854401	Wetland	Flat	Seepage	130	80%	20%	Saturated	Brown - Orange
WS01929	WS01930	L23-14	Reed L./Matt H.	30/09/2016	556550	5854401	Wetland	Flat	Seepage	130	90%	10%	Saturated	Brown - Orange
WS01931	WS01932	L23-13	Reed L./Matt H.	30/09/2016	556499	5854401	Wetland	Flat	Seepage	130	90%	10%	Saturated	Brown - Orange
WS01933	WS01934	L23-12	Reed L./Matt H.	30/09/2016	556449	5854400	Wetland	Flat	Wet	130	100%		Saturated	Brown - Orange
WS01935	WS01936	L23-11	Reed L./Matt H.	30/09/2016	556399	5854400	Wetland	Flat	Wet	130	80%	20%	Saturated	Brown - Orange
WS02251	WS02252	L23-09	Daniel L./ Breanne B.	30/09/2016	556301	5854397	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black
WS02253	WS02254	L23-10	Daniel L./ Breanne B.	30/09/2016	556351	5854397	Wetland	Flat (0-5°)	Wet	130	100%		Wet	Brown black

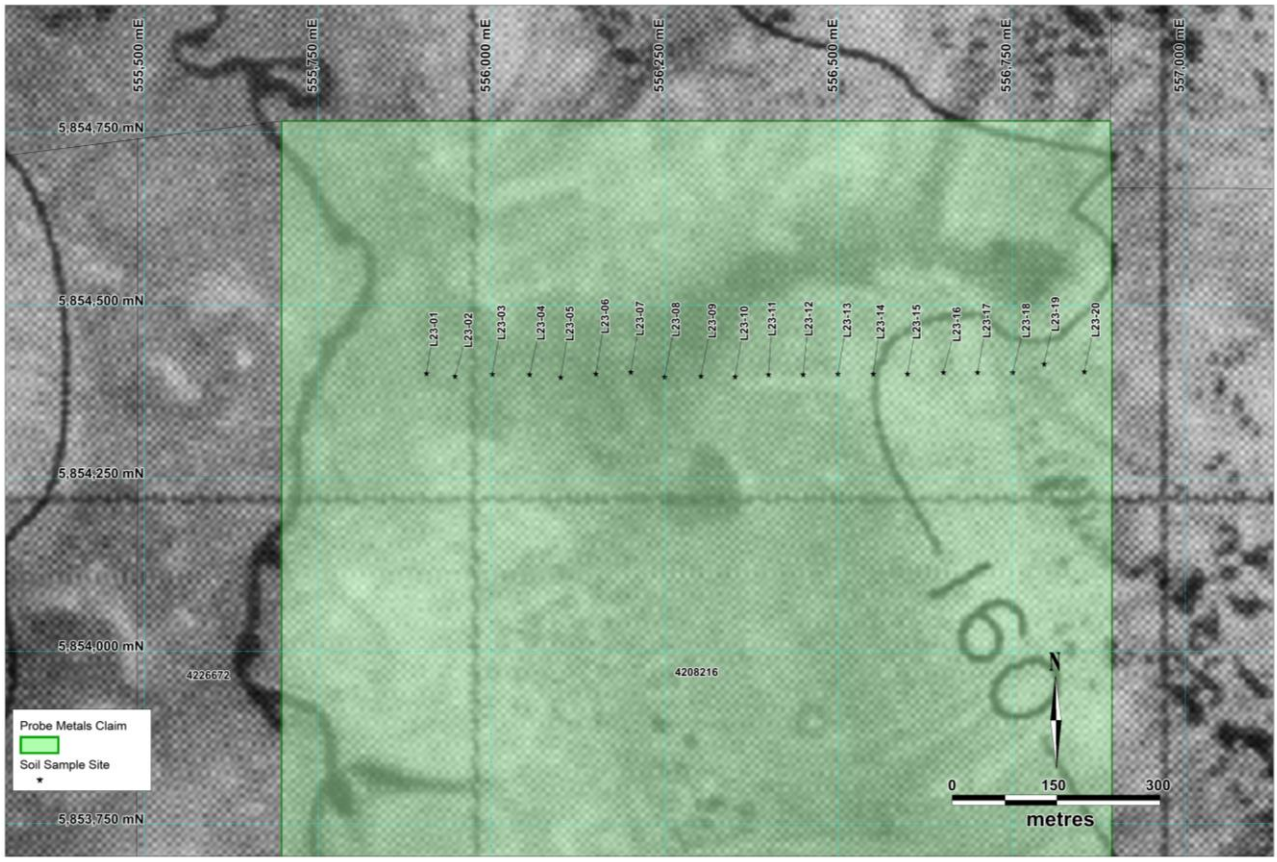

Figure 3.1 Location Map of Soil Samples
(Appendix I shows map at Scale of 1:5000)

3.3 Sample Treatment and Analysis

3.3.1 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.each element in samples falling within the lower quartile of the population, taken on an element-by-element basis for the sample population.

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 3.2).

Table 3.2 Detection Limits for MMI® Analysis

ANALYTE	METHOD	DETECTION	UNITS
Ag	MMI-M5	1	ppb
Al	MMI-M5	1	ppm
As	MMI-M5	10	ppb
Au	MMI-M5	0.1	ppb
Ba	MMI-M5	10	ppb
Bi	MMI-M5	1	ppb
Ca	MMI-M5	10	ppm
Cd	MMI-M5	1	ppb
Ce	MMI-M5	5	ppb
Co	MMI-M5	5	ppb
Cr	MMI-M5	100	ppb
Cs	MMI-M5	0.5	ppb
Cu	MMI-M5	10	ppb
Dy	MMI-M5	1	ppb
Er	MMI-M5	0.5	ppb
Eu	MMI-M5	0.5	ppb
Fe	MMI-M5	1	ppm
Ga	MMI-M5	1	ppb
Gd	MMI-M5	1	ppb
Hg	MMI-M5	1	ppb
In	MMI-M5	0.5	ppb
K	MMI-M5	0.1	ppm
La	MMI-M5	1	ppb
Li	MMI-M5	5	ppb
Mg	MMI-M5	1	ppm
Mn	MMI-M5	10	ppb
Mo	MMI-M5	5	ppb

ANALYTE	METHOD	DETECTION	UNITS
Nb	MMI-M5	0.5	ppb
Nd	MMI-M5	1	ppb
Ni	MMI-M5	5	ppb
P	MMI-M5	0.1	ppm
Pb	MMI-M5	10	ppb
Pd	MMI-M5	1	ppb
Pr	MMI-M5	1	ppb
Pt	MMI-M5	1	ppb
Rb	MMI-M5	5	ppb
Sb	MMI-M5	1	ppb
Sc	MMI-M5	5	ppb
Sm	MMI-M5	1	ppb
Sn	MMI-M5	1	ppb
Sr	MMI-M5	10	ppb
Ta	MMI-M5	1	ppb
Tb	MMI-M5	1	ppb
Te	MMI-M5	10	ppb
Th	MMI-M5	0.5	ppb
Ti	MMI-M5	3	ppb
Tl	MMI-M5	0.5	ppb
U	MMI-M5	1	ppb
W	MMI-M5	1	ppb
Y	MMI-M5	5	ppb
Yb	MMI-M5	1	ppb
Zn	MMI-M5	20	ppb
Zr	MMI-M5	5	ppb

3.3.2 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 3.3 (www.actlabs.com).

Table 3.3 Detection Limits for 2B INAA Analysis

Element	Detection Limit	Element	Detection Limit	Element	Detection Limit	Element	Detection Limit
Ag	0.3	Cs	0.05	Mo	0.05	Sr	100
As	0.01	Eu	0.05	Na	1	Ta	0.05
Au	0.1 ppb	Fe	0.01%	Nd	0.3	Tb	0.1
Ba	5	Hf	0.05	Ni	2	Th	0.1
Br	0.01	Hg	0.05	Rb	1	U	0.01
Ca	0.01%	Ir	0.1 ppb	Sb	0.005	W	0.05
Ce	0.1	K	0.01%	Sc	0.01	Yb	0.005
Co	0.1	La	0.01	Se	0.1	Zn	2
Cr	0.3	Lu	0.001	Sm	0.001		

3.4 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

3.5 Results

The response ratios for all elements are plotted in the bar chart illustrated in Figure 3.2. Table 3.3 summarizes the analytical results and corresponding response ratios calculated. The Certificate of Analysis from SGS is provided in Appendix II and those from Actlabs in Appendix III. For the both MMI and INAA data, absolute values for select elements were plotted as graduated ranges. Large scale maps illustrating the results are provided in Appendix IV.

For the MMI analyses, site 1 returned anomalous values for Ag, Zn and Ni. Site 6 was also anomalous for Ag, while sites 4 and 17 were also anomalous for Zn and Ni respectively. Site 18 was anomalous for Pb. For the INAA analysis, sites 1 to 3 were anomalous for Cr.

4. Recommendations & Conclusions

The Black Creek Project merits further investigation and as such, these work expenditures are being filed to keep the claim in good standing.

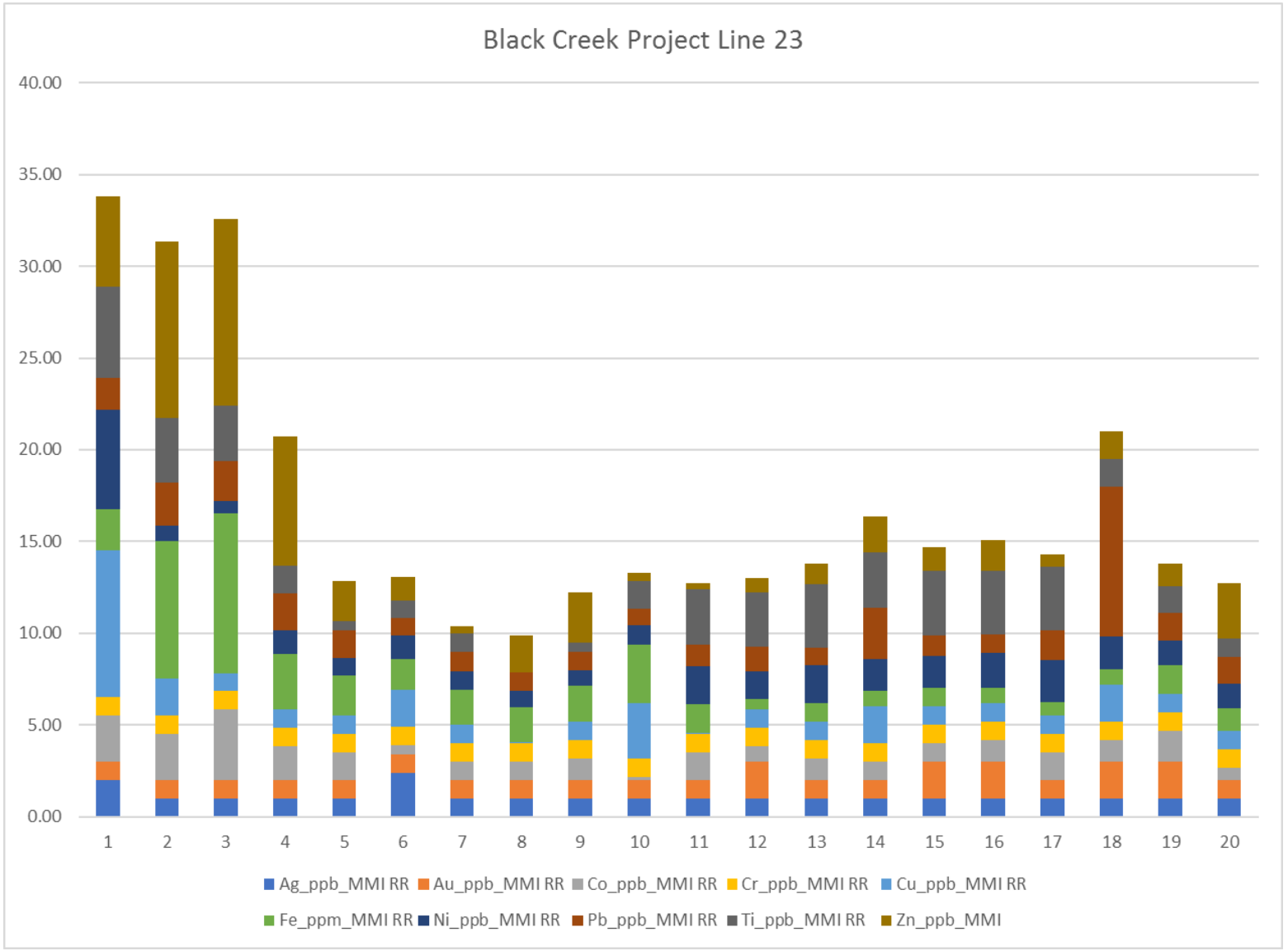

Figure 3.2 Stacked Bar Chart of Response ratios for MMI® Analyses BC Line 23

Table 3.4 Soil Sample Analytical Results and Response Ratios

Sample MM	Site #	Ag_ppb_M MI	Ag_ppb_M MI RR	Au_ppb_M MI	Au_ppb_M MI RR	Co_ppb_M MI	Co_ppb_M MI RR	Cr_ppb_ MMI	Cr_ppb_M MI RR	Cu_ppb_M MI	Cu_ppb_M MI RR	Fe_ppm_M MI	Fe_ppm_M MI RR	Ni_ppb_M MI	Ni_ppb_M MI RR	Pb_ppb_M MI	Pb_ppb_M MI RR	Ti_ppb_M MI	Ti_ppb_M MI RR	Zn_ppb_M MI RR	Zn_ppb_M MI
WS01733	L23-01	0.5	2.00	0.05	1.00	15	2.50	0.5	1.00	80	8.00	41	2.25	69	5.41	89	1.75	100	5.00	910	4.92
WS01735	L23-02	0.25	1.00	0.05	1.00	15	2.50	0.5	1.00	20	2.00	137	7.51	11	0.86	120	2.36	70	3.50	1780	9.62
WS01737	L23-03	0.25	1.00	0.05	1.00	23	3.83	0.5	1.00	10	1.00	159	8.71	8	0.63	112	2.21	60	3.00	1890	10.22
WS01739	L23-04	0.25	1.00	0.05	1.00	11	1.83	0.5	1.00	10	1.00	55	3.01	17	1.33	101	1.99	30	1.50	1300	7.03
WS01741	L23-05	0.25	1.00	0.05	1.00	9	1.50	0.5	1.00	10	1.00	40	2.19	12	0.94	78	1.54	10	0.50	400	2.16
WS01743	L23-06	0.6	2.40	0.05	1.00	3	0.50	0.5	1.00	20	2.00	31	1.70	16	1.25	48	0.95	20	1.00	230	1.24
WS01745	L23-07	0.25	1.00	0.05	1.00	6	1.00	0.5	1.00	10	1.00	35	1.92	13	1.02	54	1.06	20	1.00	70	0.38
WS01747	L23-08	0.25	1.00	0.05	1.00	6	1.00	0.5	1.00	0.5	0.05	35	1.92	11	0.86	51	1.00	0.5	0.03	370	2.00
WS02251	L23-09	0.25	1.00	0.05	1.00	7	1.17	0.5	1.00	10	1.00	36	1.97	11	0.86	49	0.97	10	0.50	510	2.76
WS02253	L23-10	0.25	1.00	0.05	1.00	1	0.17	0.5	1.00	30	3.00	58	3.18	14	1.10	45	0.89	30	1.50	80	0.43
WS01935	L23-11	0.25	1.00	0.05	1.00	9	1.50	0.5	1.00	0.5	0.05	29	1.59	26	2.04	62	1.22	60	3.00	60	0.32
WS01933	L23-12	0.25	1.00	0.1	2.00	5	0.83	0.5	1.00	10	1.00	11	0.60	19	1.49	67	1.32	60	3.00	140	0.76
WS01931	L23-13	0.25	1.00	0.05	1.00	7	1.17	0.5	1.00	10	1.00	19	1.04	26	2.04	48	0.95	70	3.50	200	1.08
WS01929	L23-14	0.25	1.00	0.05	1.00	6	1.00	0.5	1.00	20	2.00	16	0.88	22	1.73	141	2.78	60	3.00	370	2.00
WS01927	L23-15	0.25	1.00	0.1	2.00	6	1.00	0.5	1.00	10	1.00	19	1.04	22	1.73	57	1.12	70	3.50	240	1.30
WS01925	L23-16	0.25	1.00	0.1	2.00	7	1.17	0.5	1.00	10	1.00	16	0.88	24	1.88	50	0.99	70	3.50	310	1.68
WS01923	L23-17	0.25	1.00	0.05	1.00	9	1.50	0.5	1.00	10	1.00	14	0.77	29	2.27	81	1.60	70	3.50	120	0.65
WS01921	L23-18	0.25	1.00	0.1	2.00	7	1.17	0.5	1.00	20	2.00	16	0.88	23	1.80	413	8.14	30	1.50	280	1.51
WS01919	L23-19	0.25	1.00	0.1	2.00	10	1.67	0.5	1.00	10	1.00	29	1.59	17	1.33	76	1.50	30	1.50	220	1.19
WS01917	L23-20	0.25	1.00	0.05	1.00	4	0.67	0.5	1.00	10	1.00	23	1.26	17	1.33	73	1.44	20	1.00	560	3.03
		0.25		**0.05**		**6**		**0.5**		**10**		**18.25**		**12.75**		**50.75**		**20**		**185**	
		0.505		0.1		15.4		0.5		32.5		138.1		31		154.6		71.5		1785.5	

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Statement of Qualifications

Sharon Allan

I reside at 91 Empress Ave, Toronto, Ontario, M2N 3T5

I graduated with a Bachelor of Science (Joint Major in Earth and Environmental Sciences) from McGill University, Montreal, Quebec in 1998.

I have worked as a geologist on a continuous basis since 1998.

I hold a valid Ontario's Prospector's License (license number 1003048)

I am a member of the Association of Professional Geoscientists of Ontario (APGO), membership # 1529.

Dated: March 22, 2017

Statement of Qualifications

Breanne Beh

I reside at 93 Lawrence Ave, Thunder Bay, Ontario, P7A 6X7.

I graduated with a Bachelor of Science in Geology from the University of Calgary, Calgary, Alberta in 2010.

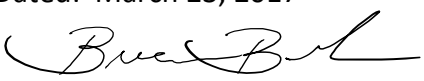
I graduated with a Masters of Science in Geology from Lakehead University, Thunder Bay, Ontario in 2013.

I have been employed on a continuous basis as a geologist since April 2012.

I hold a valid Ontario Prospector's Licence (licence number 1011755).

I am a member of the Association of Professional Geoscientists of Ontario (APGO), membership # 2648.

Dated: March 23, 2017



Statement of Qualifications

Daniel LaFontaine

I reside at 93 Lawrence Ave, Thunder Bay, Ontario, P7A 6X7.

I graduated with a Bachelor of Science in Geology from Lakehead University, Thunder Bay, Ontario in 2013.

I graduated with a Masters of Science in Geology from Lakehead University, Thunder Bay, Ontario in 2016.

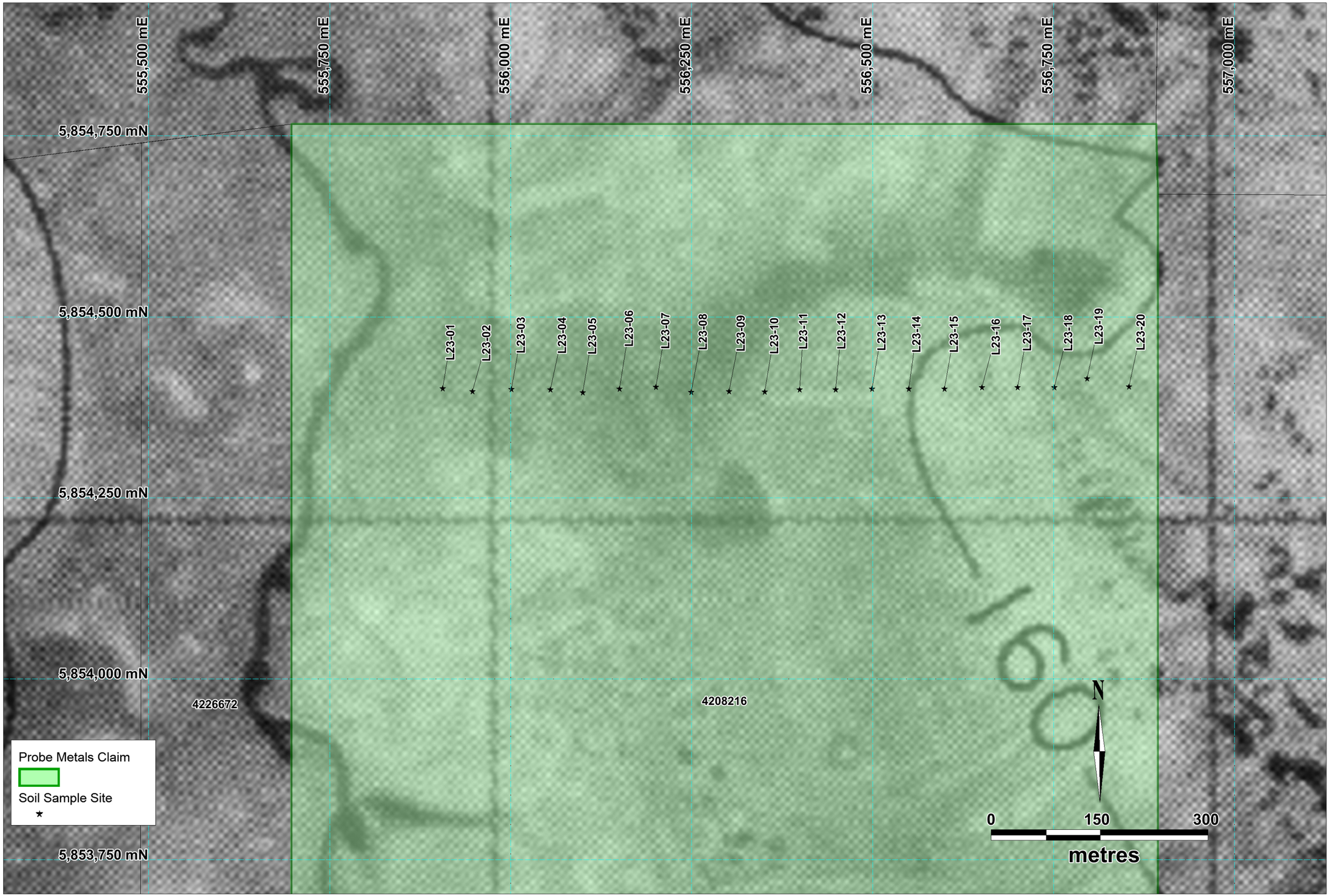
I have been employed seasonally as a geology summer student from 2011 to 2014. I have been employed on a continuous basis as a geoscientist since May 2015.

I hold a valid Ontario Prospector's Licence (licence number 1011756).

Dated: March 23, 2017

APPENDIX I

Soil Sampling
Location map 1:5,000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4226672
4208216
Probe Metals Claim
Soil Sample Site
N
0
150
300
metres

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)

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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

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
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)

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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
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

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
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)

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
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

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

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
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

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

Report File No.: 0000019566

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)

Report File No.: 0000019566

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 : 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

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

Report File No.: 0000019568

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)

Report File No.: 0000019568

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)

Report File No.: 0000019568

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)

Report File No.: 0000019568

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)

Report File No.: 0000019568

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

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
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

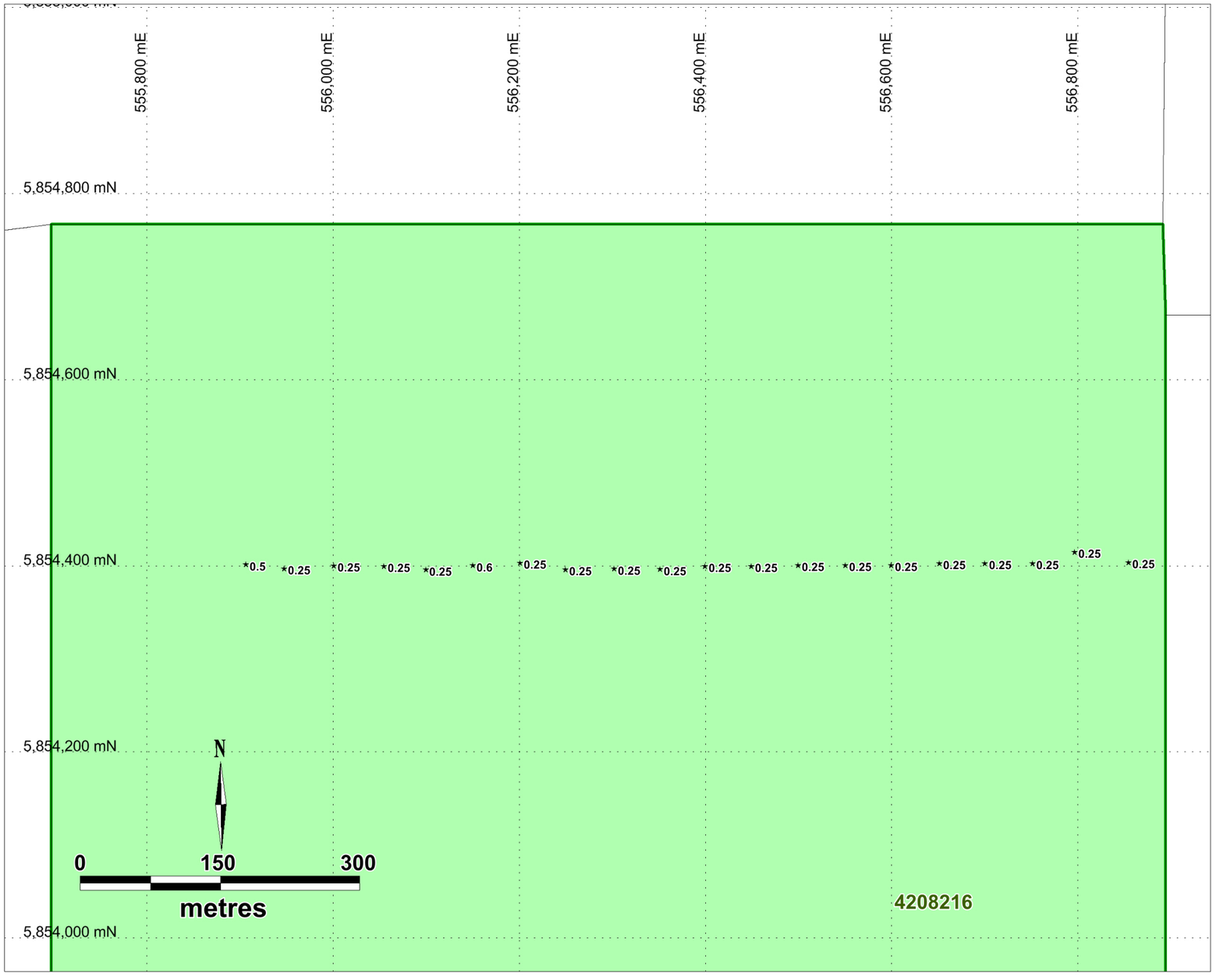
Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Lu	Yb	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.05	2	0.01	0.1	0.3	0.001	0.05	0.1	0.001	0.005	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
WS01918	0.3	< 0.01	< 0.05	40	3.67	7.5	< 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
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	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

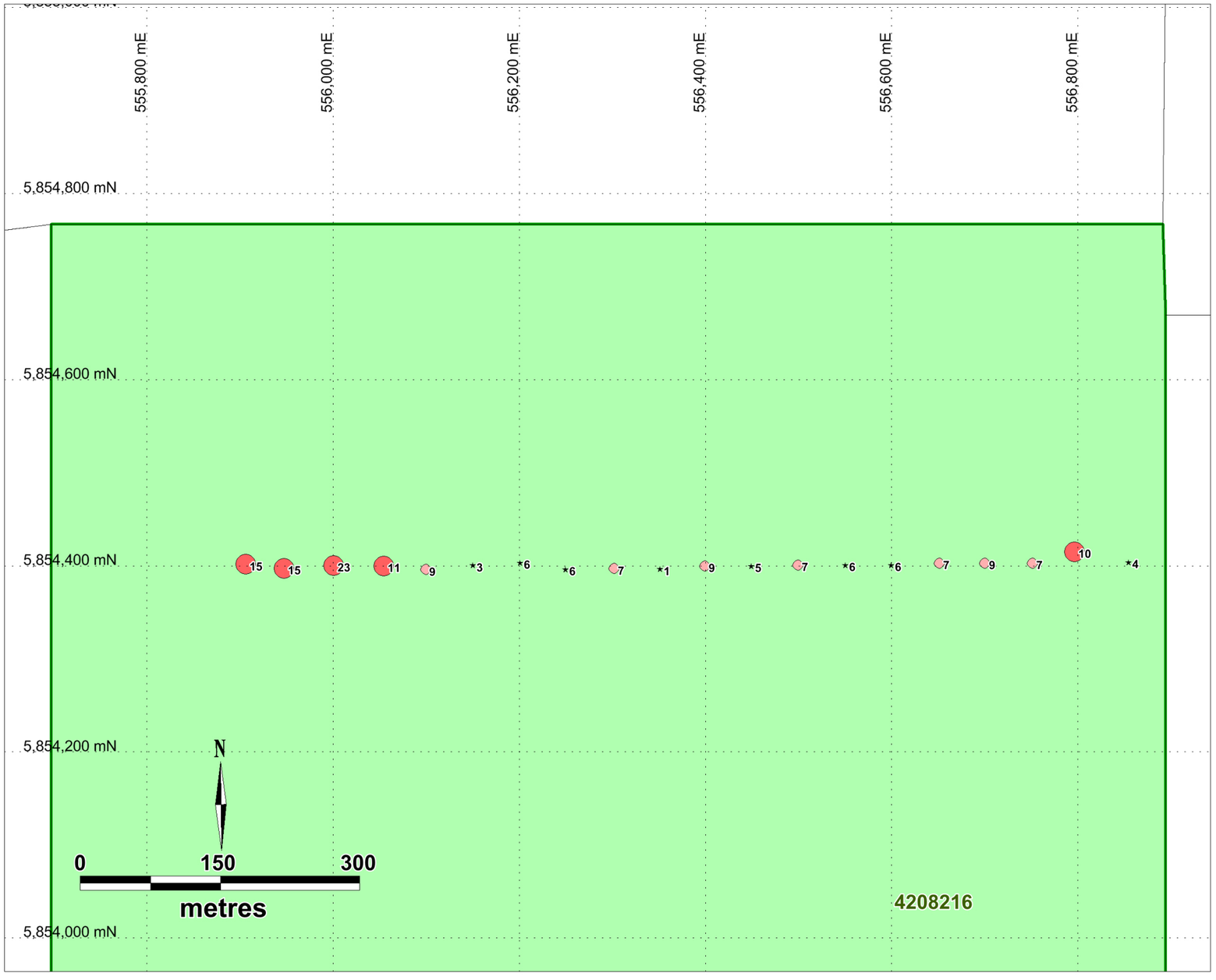
Soil Sampling
Result Maps at 1:5,000
For select elements



Ag_ppb_MMI

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

APPENDIX IV
Results Map
1:5000
Ag ppb MMI



Co_ppb_MMI

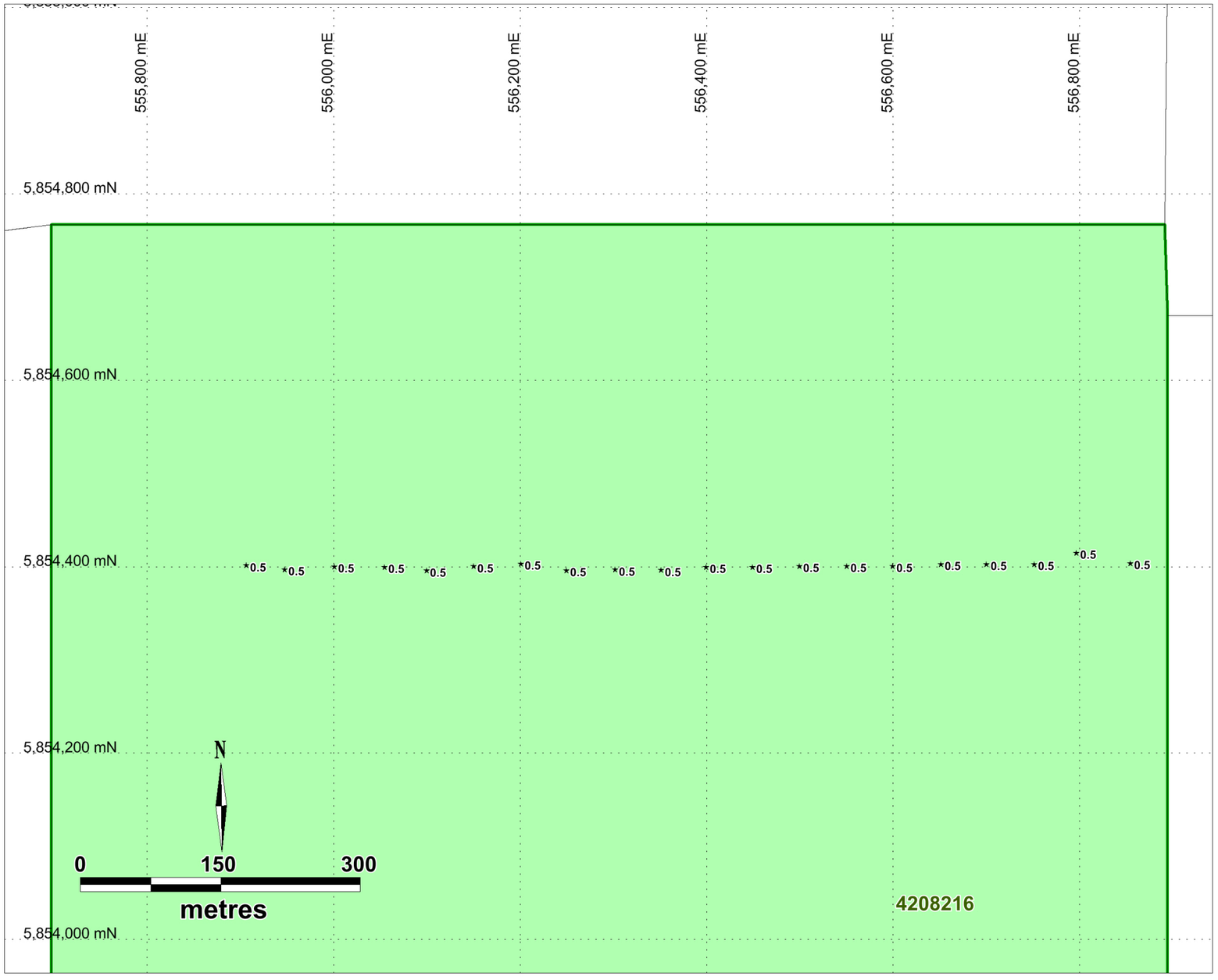
32 to 78

10 to 32

7 to 10

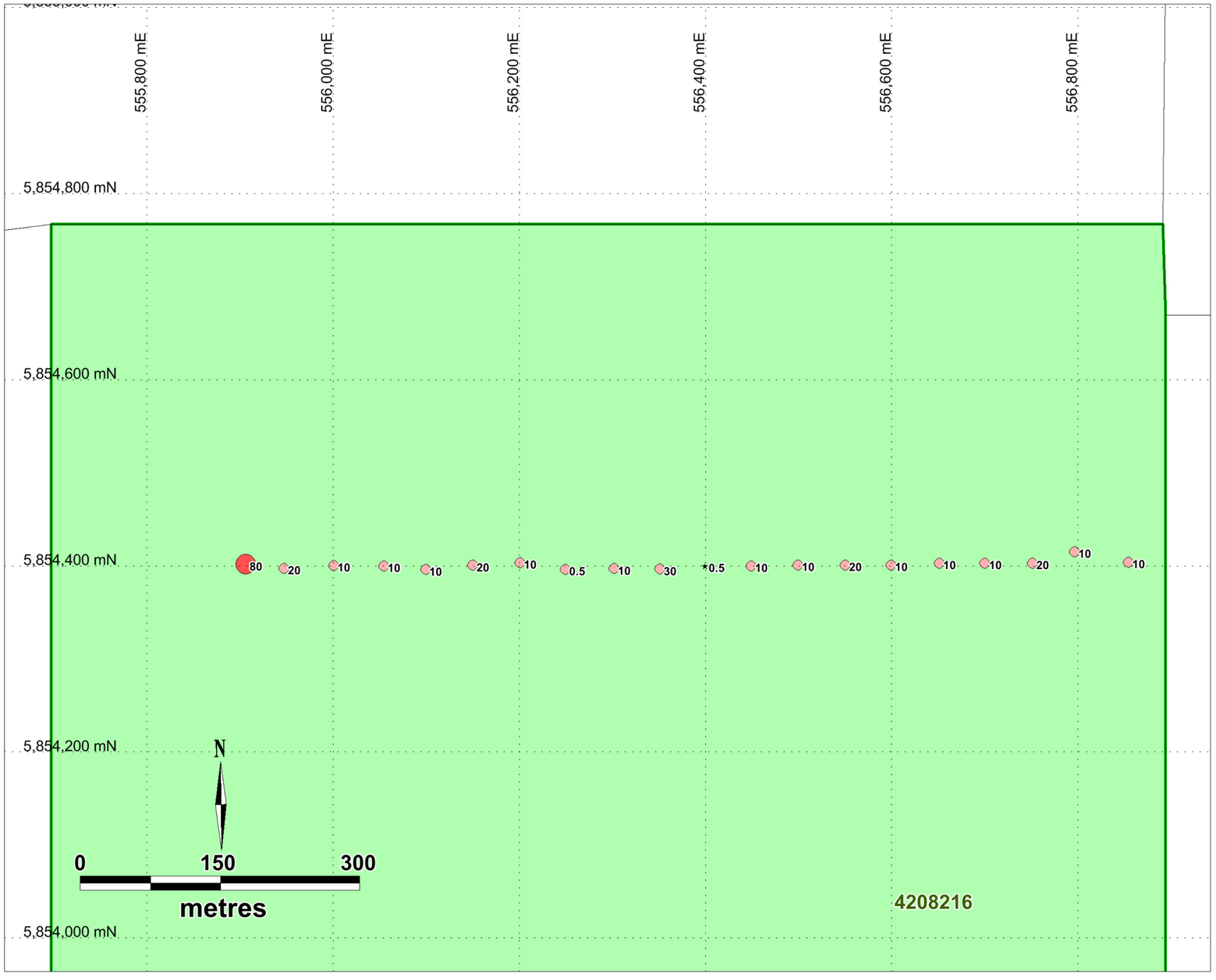
0.5 to 7

APPENDIX IV
Results Map
1:5000
Co ppb MMI



Cr_ppb_MMI
★ 0 to 1

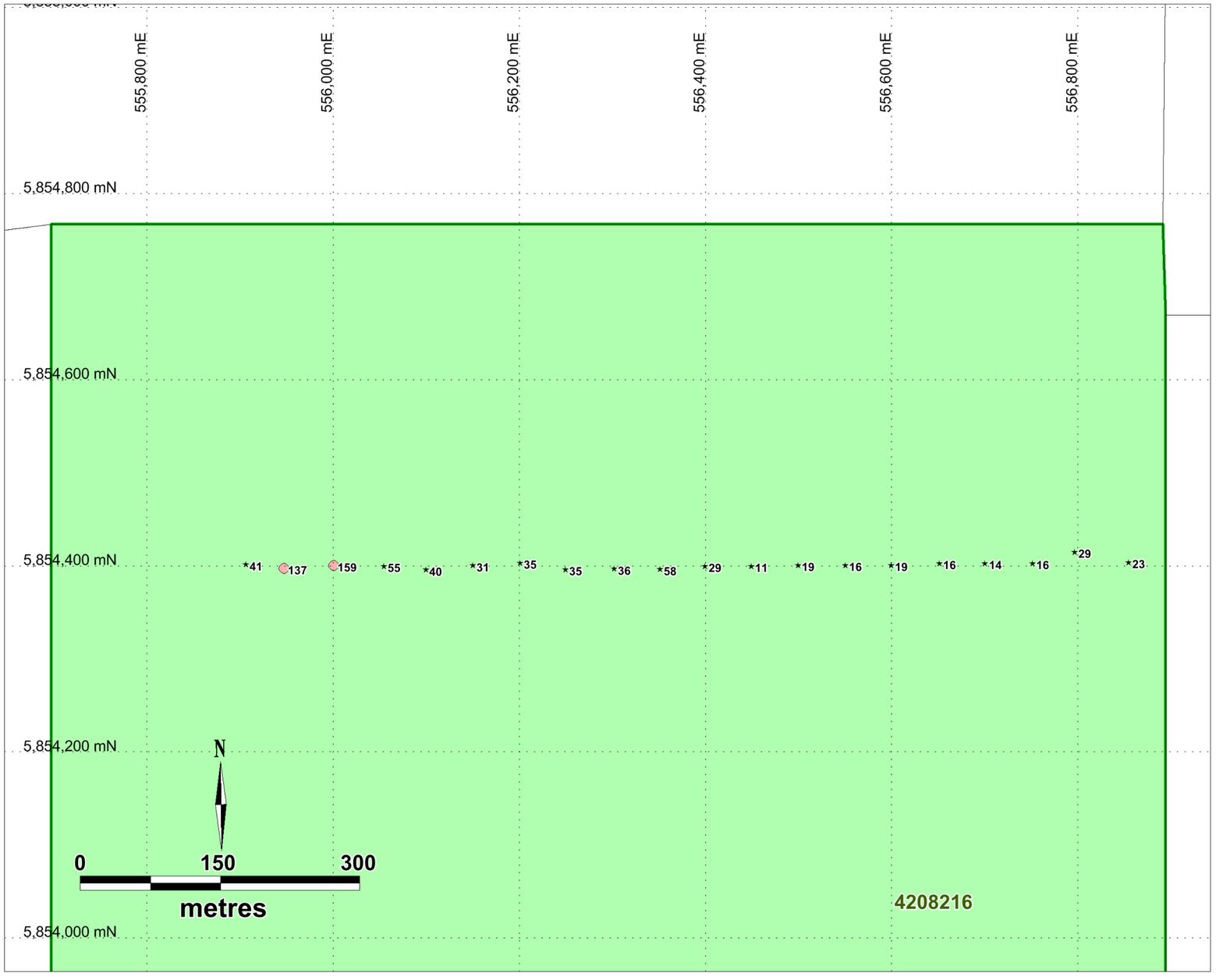
APPENDIX IV
Results Map
1:5000
Cr ppb MMI



Cu_ppb_MMI

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

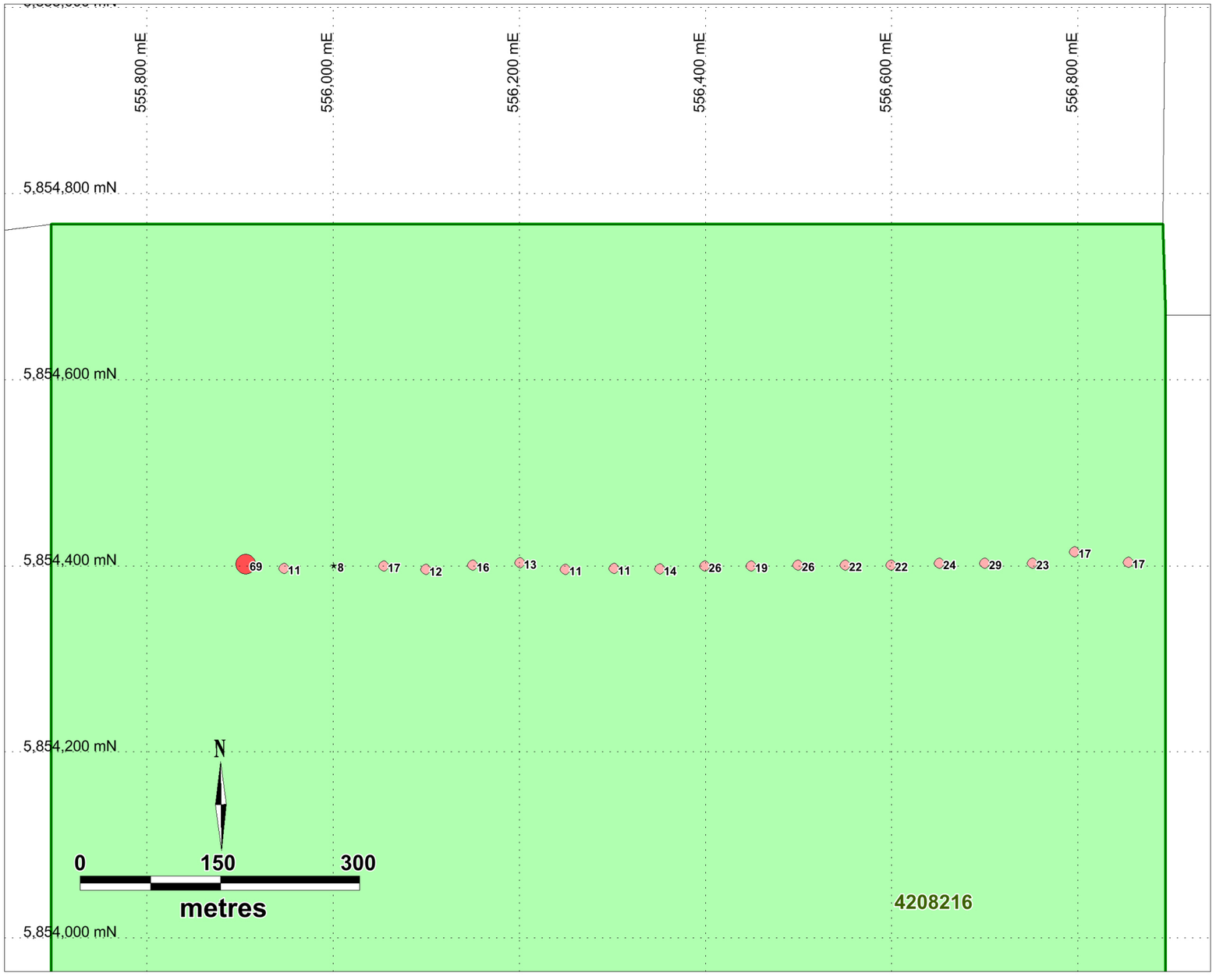
APPENDIX IV
Results Map
1:5000
Cu ppb MMI



Fe_ppm_MMI

- 310 to 390
- 200 to 310
- 100 to 200
- 0 to 100

APPENDIX IV
Results Map
1:5000
Fe ppm MMI



Ni_ppb_MMI

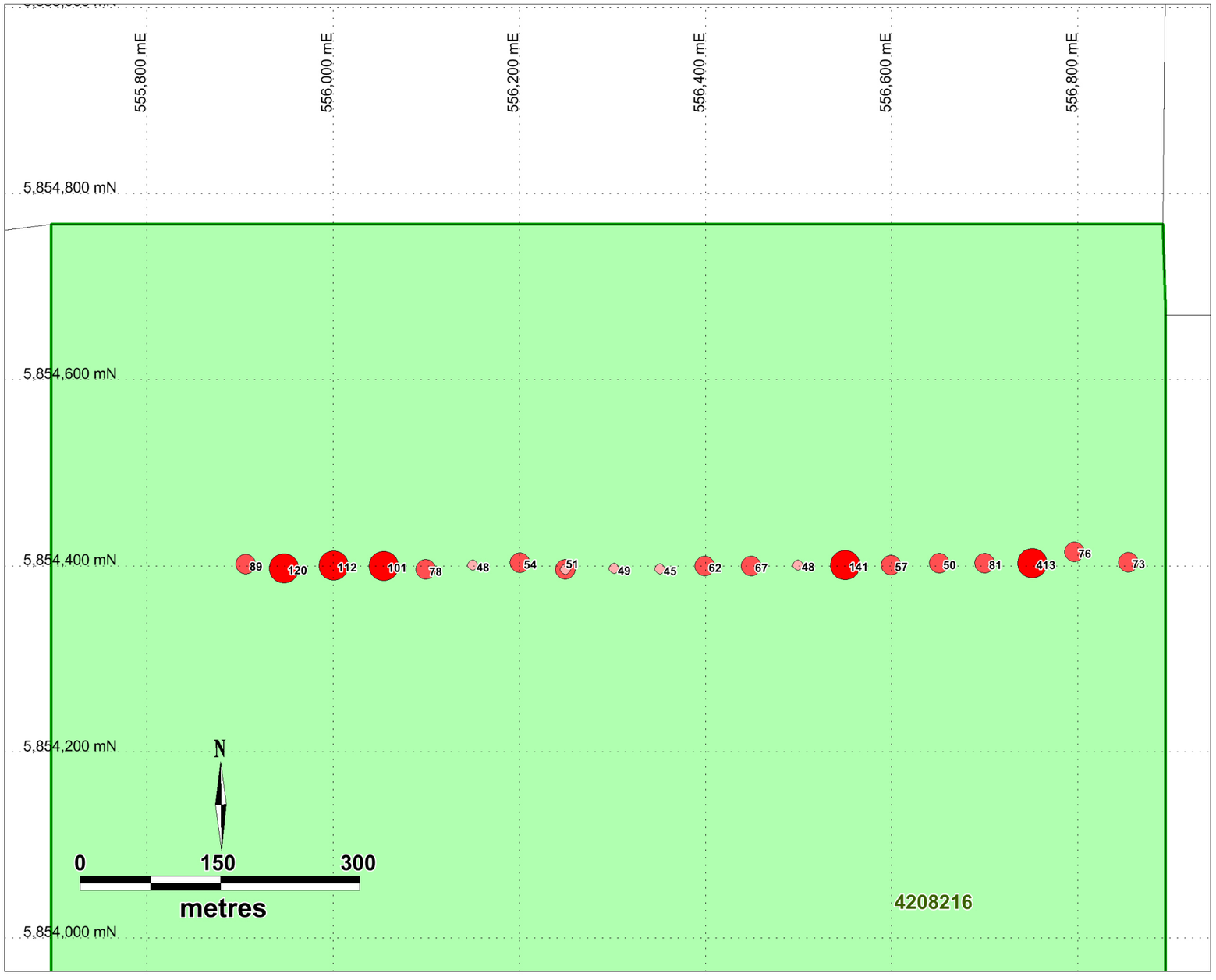
150 to 470

40 to 150

10 to 40

0 to 10

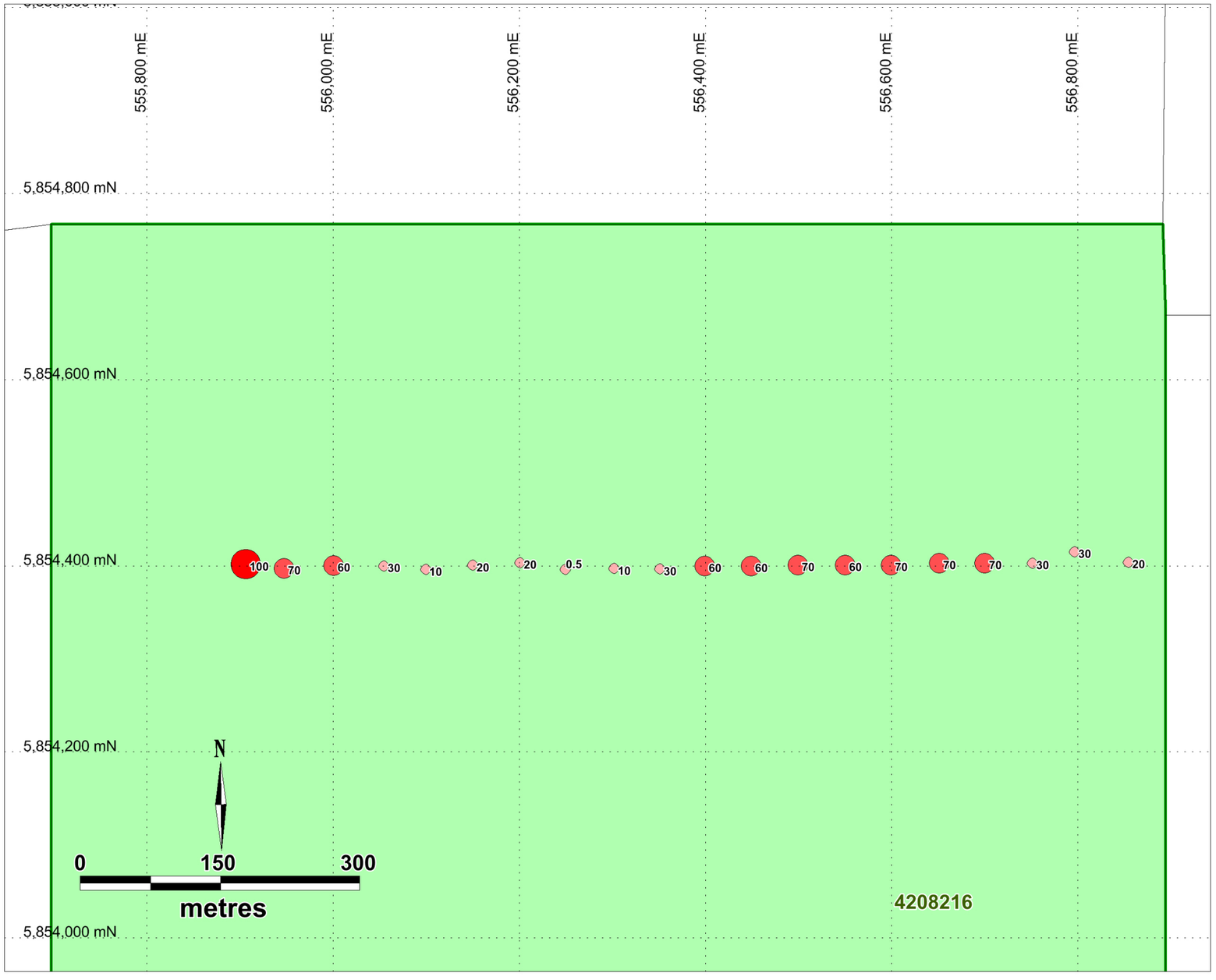
APPENDIX IV
Results Map
1:5000
Ni ppb MMI



Pb_ppb_MMI

- 100 to 510
- 50 to 100
- 10 to 50
- 0 to 10

APPENDIX IV
Results Map
1:5000
Pb ppb MMI



Ti_ppb_MMI

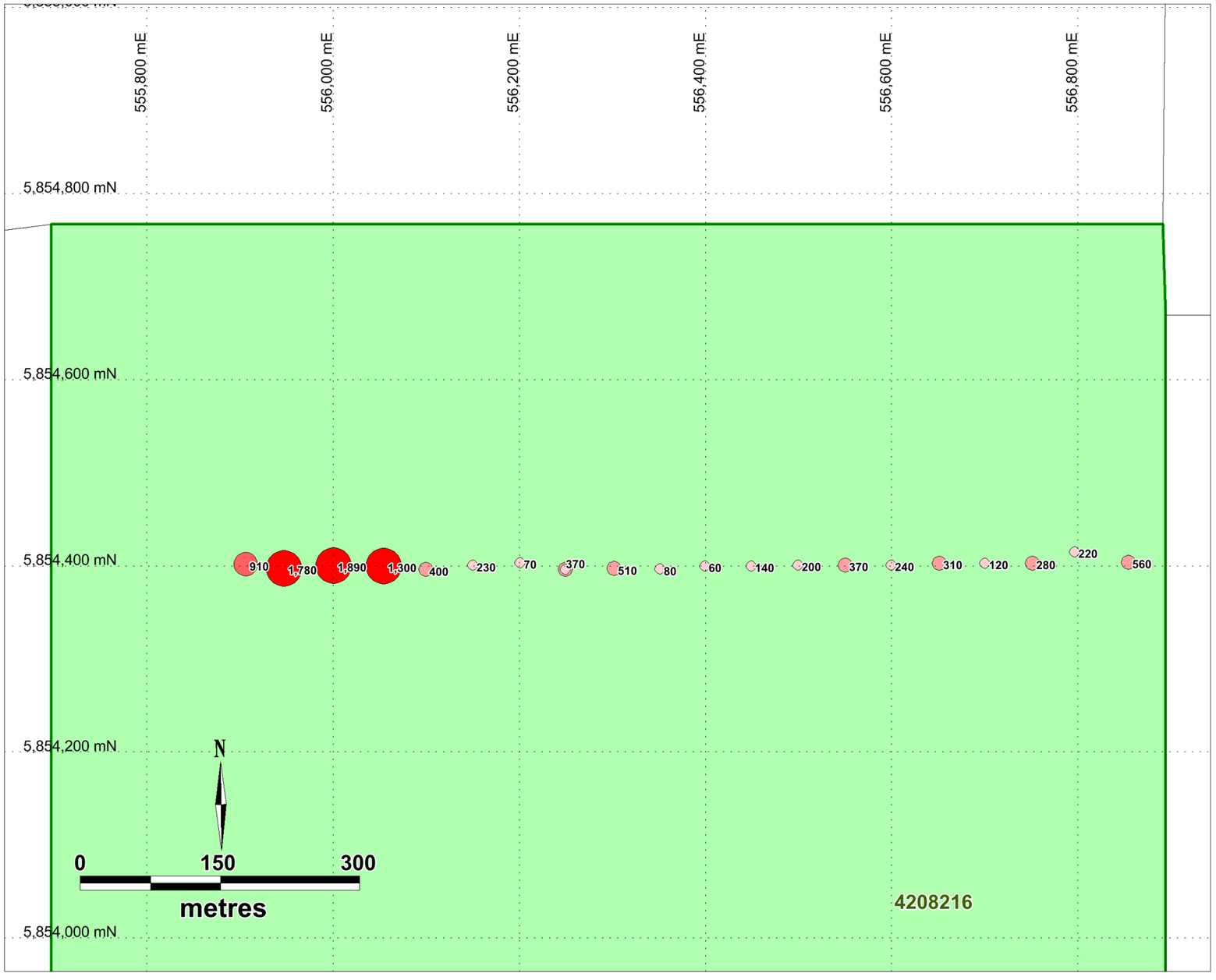
100 to 320

50 to 100

10 to 50

0 to 10

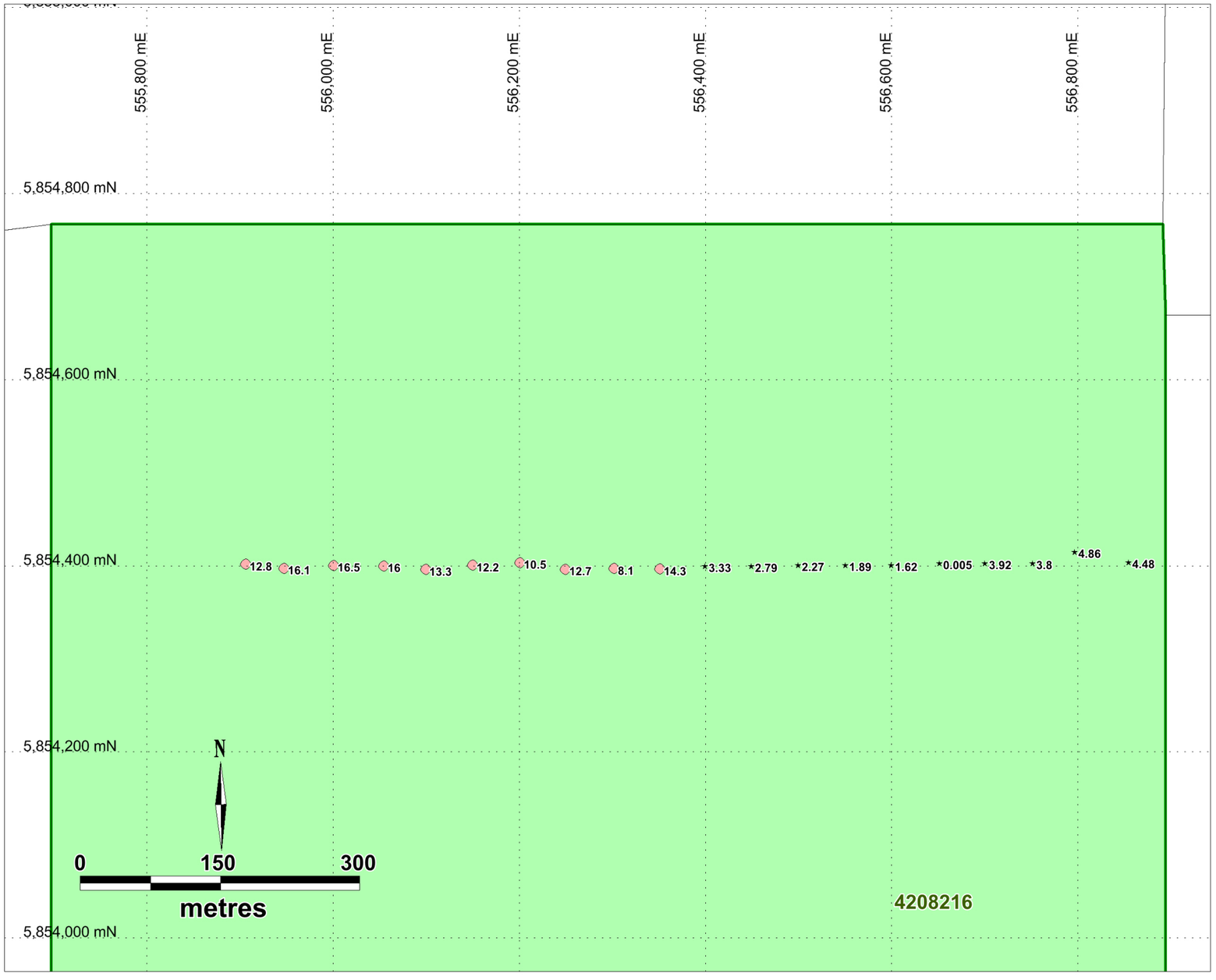
APPENDIX IV
Results Map
1:5000
Ti ppb MMI



Zn_ppb_MMI

1,200 to 3,610	
600 to 1,200	
250 to 600	
50 to 250	
0 to 50	

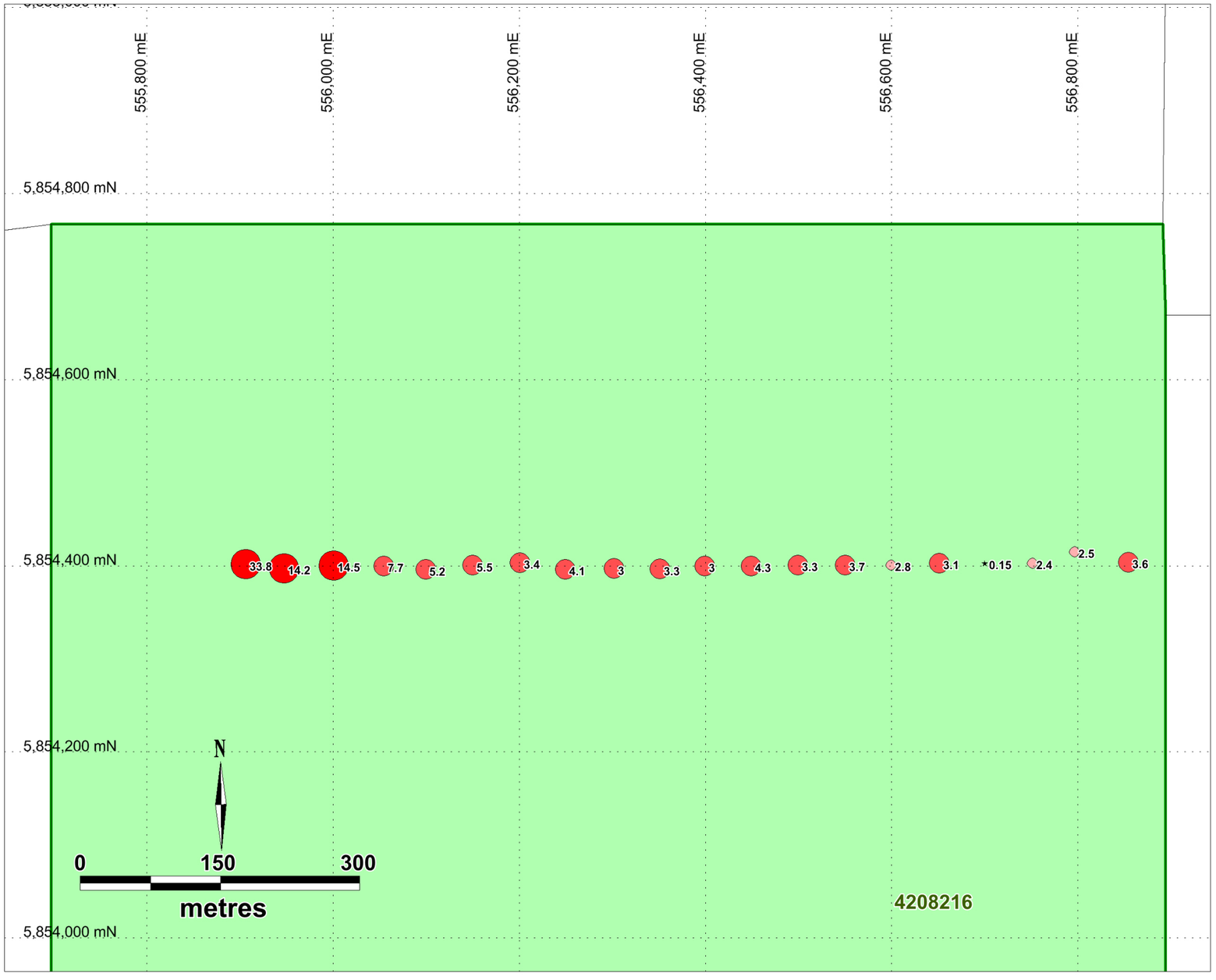
APPENDIX IV
Results Map
1:5000
Zn ppb MMI



As_ppm INAA

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

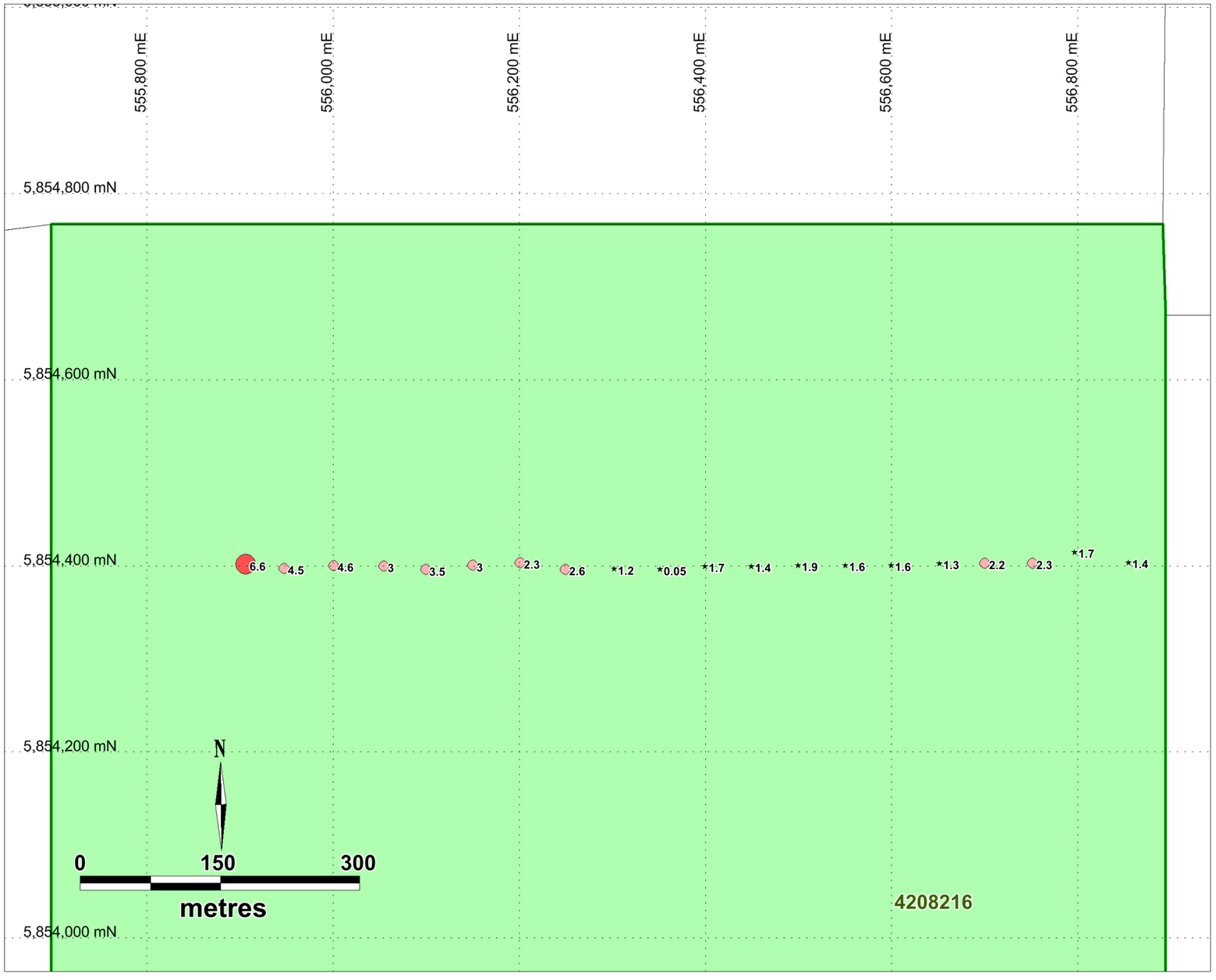
APPENDIX IV
Results Map
1:5000
As ppm INAA



Cr_ppm INAA

- 13 to 66 (13)
- 3 to 13 (141)
- 2 to 3 (114)
- 0 to 2 (57)

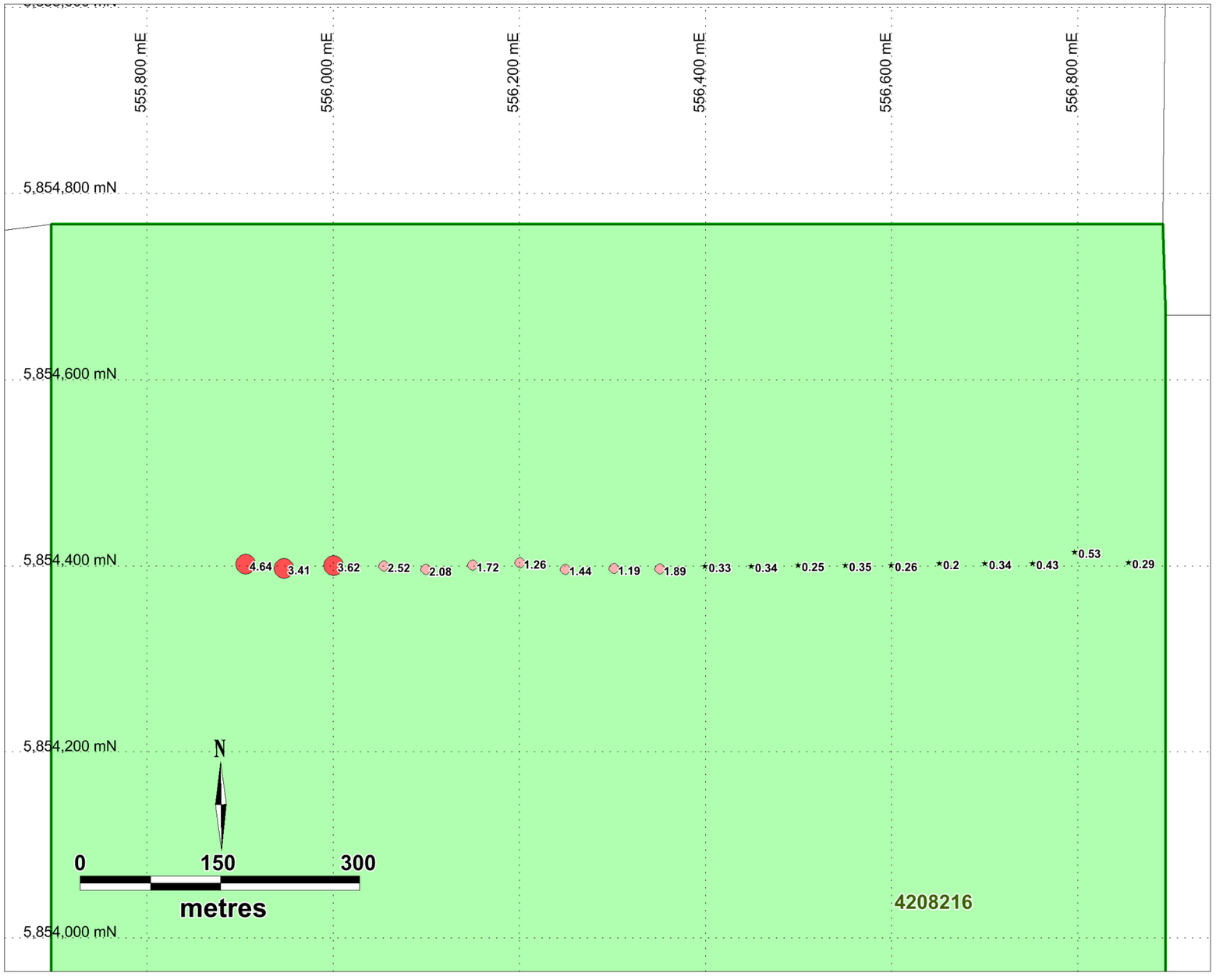
APPENDIX IV
Results Map
1:5000
Cr ppm INAA



Co_ppm INAA

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

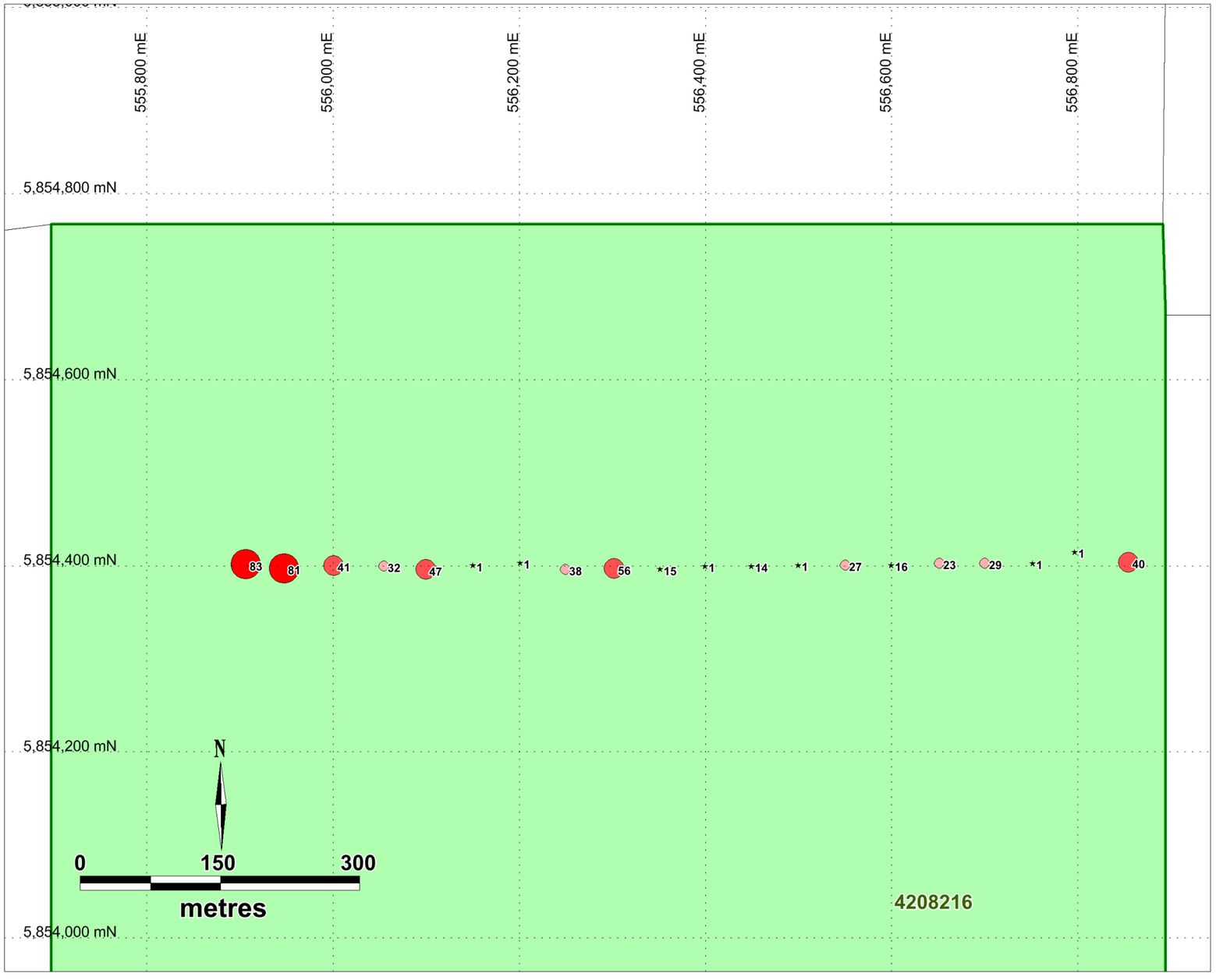
APPENDIX IV
Results Map
1:5000
Co ppm INAA



Fe_% INAA

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

APPENDIX IV
Results Map
1:5000
Fe % INAA



Zn_ppm INAA

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

APPENDIX IV
Results Map
1:5000
Zn ppm INAA