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ONTARIO EXPLORATION CORPORATION ASSISTANCE PROGRAM

2018 PROJECT REPORT

Project 4254970 +4279848

Dawson Road Lot Area

Douglas Parker (E34247)

September 12, 2018

Table of Contents

Summary.....	2
Introduction.....	3
Location.....	3
Access.....	3
Property.....	3
Regional Geology.....	6
Mineralization Models.....	6
Property Geology	12
Property Mineralization	13
Previous Work.....	14
Rationale.....	14
Work Performed.....	15
Results and Discussion.....	15
Conclusions and Recommendations.....	24
Statement of Qualifications.....	25

List of Figures

Regional Location Map.....	4
Claim Map.....	5
Exploration Activity Map.....	16
Geochemical Survey Sample Location Map	18
Gold in Humus.....	19
Arsenic in Humus.....	20
Gold in Alder.....	21
Stripped Areas Detail Map.....	22

APPENDIX I Selected References
APPENDIX II Mechanical Stripping Invoice and Timesheet
APPENDIX III Assay Certificates
APPENDIX IV Sample Descriptions
APPENDIX V OEC Final Submission

Summary

Project 4254970+4279848 consists of two unpatented Legacy claims (TB4254970+4279848) located in the Dawson Road Lots Area.

The Shebandowan Greenstone Belt is a proven gold and massive sulphide producing belt with past producing mines and numerous gold and base metal occurrences.

Previous work in the area indicates a geological environment favourable to hosting gold deposits (Pistol Lake, Bandore Property, Moss Lake Property, Shabaqua area, Dawson Road Lots, Goldie Prospect, Gold Creek Area), the formation of volcanogenic massive sulphide deposits (Bylund, Finmark, Vanguard and Coldstream Properties) and the deposition of magmatic sulphide orebodies (Inco Shebandowan Mine).

The area has been featured by the Resident Geologist Thunder Bay South in Recommendations for Exploration 2016-2017 and Recommended #1 Gold Exploration Target MNM Regional Till Sampling 1999 (OFR5993).

The property is underexplored, with only a first pass for gold and VMS, yet a significant database exists which demonstrates favourable potential for hosting economic gold, nickel, copper, PGE and zinc deposits.

Excellent access and infrastructure are advantageous for economic and efficient exploration.

From April 25, 2018 to September 10, 2018 a program of field work, analytical work, analysis and report writing was undertaken on the property. The claim holder supervised all aspects of the project and authored this report.

This preliminary exploration program consisted of reconnaissance, an orientation geochemical survey, including humus, spruce bark and alder twigs, and bedrock stripping and sampling. A very limited budget precluded more detailed work at this time.

Results of this exploration program indicate that gold mineralization is widespread in the project area and that good potential exists for significant base metal mineralization particularly associated with exhalative horizons and Cr-Ni bearing volcanics.

Humus and Alder Twig Geochemistry appear to effectively indicate gold and arsenic from bedrock sources.

Altered volcanic, sedimentary and intrusive rocks with extensive alteration and mineralization (ankerite-silicification-sericite-fuchsite-sulphide) associated with gold and other metals were observed throughout the extent of the study area.

The report recommends geological mapping and sampling be undertaken. Additional areas should be prioritized for stripping. All stripped areas should be washed, mapped and sampled. Additional Humus and Alder sampling should be undertaken to cover the remainder of the property. Geophysics including Maxmin and IP would provide improved targeting for diamond drilling.

INTRODUCTION:

Project 4254970+4279848 consists of two unpatented Legacy claims (TB4254970+4279848) located in the Dawson Road Lots Area.

Exploration Plan (PL-17-10846) and Permit (PR-16-11017) are current.

The area hosts numerous significant occurrences, deposits and past and present producers of gold and base metals.

The property is under-explored and has excellent potential for hosting economic gold, nickel, copper, PGE and zinc deposits.

From April 25, 2018 to September 10, 2018 a program of field work, analytical work, analysis and report writing was undertaken on the property. The claim holder supervised all aspects of the project and authored this report.

This preliminary exploration program consisted of reconnaissance, an orientation geochemical survey, including humus, spruce bark and alder twigs, and bedrock stripping and sampling. A very limited budget precluded more detailed work at this time.

LOCATION:

The project is located in the Dawson Road Lots Area, 40 km west of Thunder Bay, 2 km east of Shabaqua Corners in the Thunder Bay Mining Division. (See Location Map)

NTS: 52/A12 SW
UTM nad83: zone 16: 289000E, 5385000N

ACCESS:

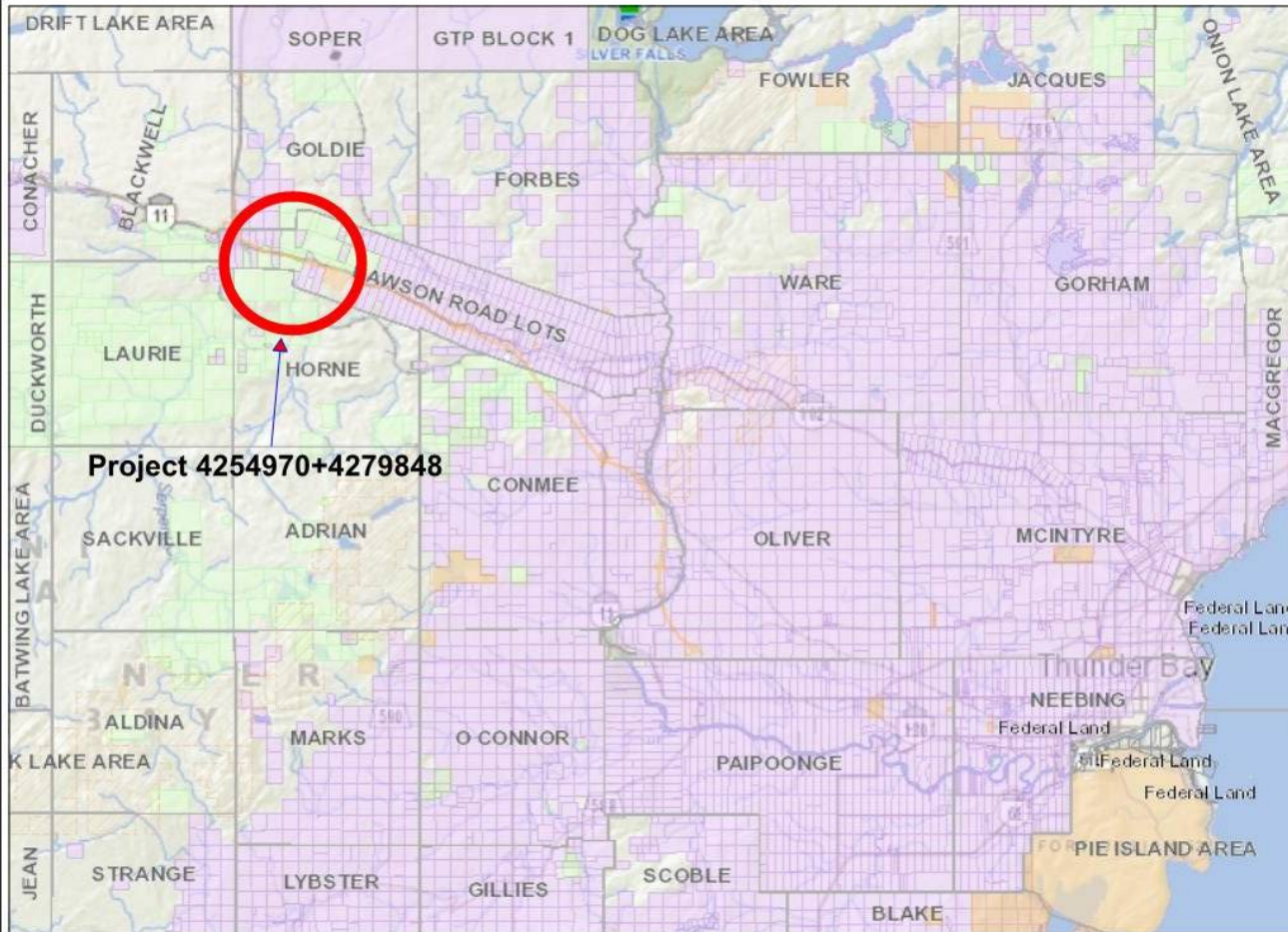
Access to the property includes highway 11/17 which crosses the property. The property is best accessed from a forestry access road, located west of the property, which continues onto the property and is drivable by 2 wheel drive past the power just south of the property. Here a maze of overgrown haulage trails provide foot and tracked vehicle access to most of the property. The northern part of the property is best accessed from the Bylund Pit Road, immediately east of the property, which connects to the overgrown Dawson Road along the northern boundary of the property.

PROPERTY:

The property consists of two unpatented Legacy mining claims (TB 4254970+4279848) comprising 4 units approximately 64 ha in area, comprising all or part of 9 Cell Claims as follows:

261030	279184	177846	119832	119833	297825
279183	261030	279184			

(See Claim Map)



Legend

Administration Boundaries

- Mining Divisions
- Resident Geologist District
- Townships and Areas
- UTM Grid
- Geographic Lot Fabric
- Other Federal Land

Mineral Tenure Grid

- DMTG Tenure Grid

Alienations

- Withdrawal
- Notice

Unpatented Claim

- Active
- Reconciled
- Pending

Disposition

- Disposition

Disposition Symbols

- Camp
- Disposition Unknown/Pending
- Freehold Patent Mining Rights Only
- Freehold Patent Surface Rights Only
- Freehold Patent Surface and Mining Rights
- Land Use Permit
- Leasehold Patent Mining Rights Only
- Leasehold Patent Surface Rights Only
- Leasehold Patent Surface and Mining Rights
- License of Occupation Mining Use Only
- License of Occupation Surface Use Only
- License of Occupation Surface and Mining Rights
- License of Occupation Uses Not Specified
- Order in Council
- Tower
- WPLA

Geology Layers

- AMIS Sites
- AMIS Features
- Drill Holes
- Mineral Occurrences

4



Projection: Web Mercator



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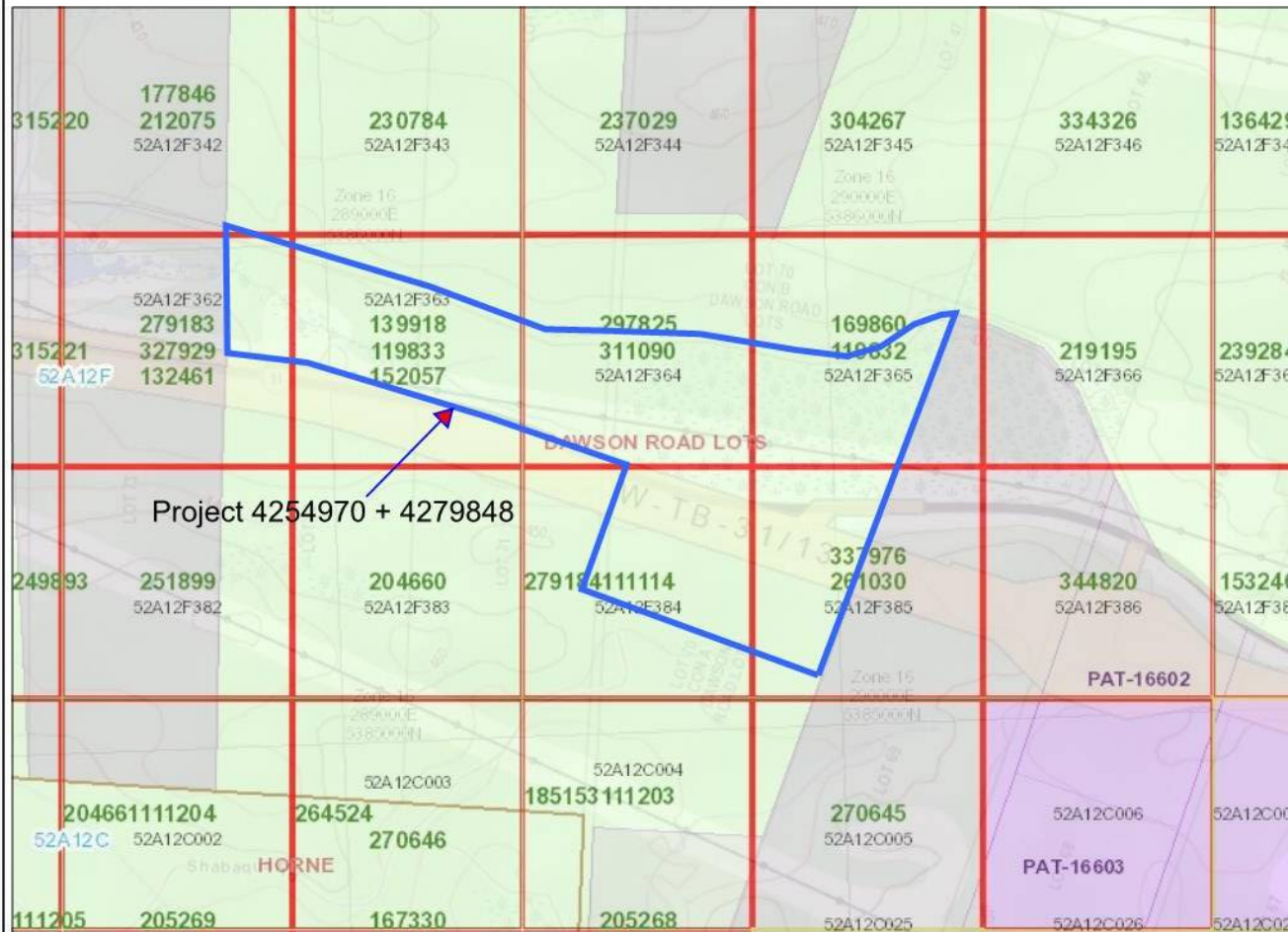


Ontario

MINISTRY OF NORTHERN DEVELOPMENT AND MINES
MLAS Map Viewer

MLAS Map

Notes:
Project 4254970 + 4279848



Legend

- Provincial Grid Cell
 - Available
 - Pending
 - Unavailable
- Mining Claim
- Mining Lease
 - Surface Rights Only
 - Mining Rights Only
 - Surface and Mining Rights
- Mining Licence of Occupation
 - Surface Rights Only
 - Mining Rights Only
 - Surface and Mining Rights
- Mining Patent
 - Surface Rights Only
 - Mining Rights Only
 - Surface and Mining Rights
- Mining Division
- MNDM Townships and Areas
- Provincial Grid Group
- Non-Mining Land Tenure
 - Patent, Surface Rights Only
 - Patent, Mining Rights Only
 - Patent, Surface and Mining Rights
 - Lease, Surface Rights Only
 - Lease, Mining Rights Only
 - Lease, Surface and Mining Rights
 - Water Power Lease Agreement
 - Licence of Occupation, Surface Rights Only

5



Projection: Web Mercator



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REGIONAL GEOLOGY:

The project area lies within the western extension of the Abitibi-Wawa-Shebandowan subprovince of the Superior structural province of the Canadian Shield. The volcanic-sedimentary units of this belt are bounded to the south by granitic terrain and to the north by the Quetico subprovince.

The volcanic-sedimentary stratigraphy can be subdivided into the Greenwater Assemblage (2710-2722 Ma), the Kashabowie Assemblage (2695-2710 Ma) and the Shebandowan Assemblage (2689-2696 Ma). This Geochronology is considered speculative. It was derived from various sources and sparse wide spaced regional data.

The Greenwater assemblage is interpreted to have island arc and ocean crustal origins. The Greenwater assemblage is extensively homoclinal and youngs to the north.

The Kashabowie Group includes a mixed stratigraphic sequence composed of ultramafic to felsic volcanic and intrusive units with narrow chemical and clastic sedimentary units includes graphitic argillites, iron formation, chert and sulphidic exhalites and composite intrusive units.

The Shebandowan assemblage is composed of alluvial-fluviatile sediments, alkaline volcanics and associated alkaline intrusives

The Timiskaming-like units of the Shebandowan Assemblage occupy fault bounded basins within the Keewatin stratigraphy which are interpreted to have formed during regional transpressional deformation at 2690 Ma. Two major regional breaks, the Crayfish Creek and Postans Lake faults, extend in an east west direction across the belt, and define in part, major unconformable contacts between Timiskaming-like and Keewatin assemblages. A third major regional break, the Tinto Lake Fault, extends in a northeast direction across the belt, and defines in part, a major unconformable contact between Timiskaming-like and Keewatin assemblages.

The Quetico subprovince occurs to the north and consists of a monotonous sequence of turbidites ranging from conglomerate to greywacke to argillite.

Regional metamorphic grade is typically lower greenschist facies with higher grades up to lower amphibolite facies occurring proximal to intrusive contacts.

This portion of the belt exhibits strong similarities to the Val d'Or, Timmins and Kirkland Lake areas both in geological and tectonic evolution. Geological models based upon the gold deposits related to the Timiskaming environments of the Abitibi are being used as effective guides for exploration in the Shebandowan area. Since the mid 1980's, over 100 new gold occurrences have been discovered in the belt, mostly as a result of surface prospecting, which has brought to light the potential for additional gold discoveries and illustrates the relatively unexplored nature of the belt. The identification of this Timiskaming-type of geological setting and related gold mineralization has resulted in the area being re-named the Matawin Gold Belt by government geologists (Lavigne and Scott, 1994).

MODEL OF GOLD MINERALIZATION:

The Shebandowan area exhibits many of the important elements of a distinct class of gold deposits found within the Abitibi belt. The main characteristics of these gold deposits are their close spatial association with Timiskaming aged felsic to intermediate stocks and dykes, Timiskaming type fluvial-alluvial sedimentary and volcanic rocks, which have intruded 25 to 35 Ma older rocks in unconformable contact along major fault zones. Gold ore bodies occur within composite stocks or along their margins (Beattie, Young-Davidson), adjacent satellite dykes and sills (Ross, Douay No 531, Holt McDermott South zone), and along faults and lithological contacts away from the intrusions (Lightning zone, Douay No. 68) commonly with mafic to ultramafic volcanics and graphitic argillites. Orebodies in such positions are interpreted to represent proximal to distal components of large magmatic hydrothermal systems (Robert, 1997). Ore bodies consist of disseminated sulphides with variably developed stockworks of quartz-carbonate-albite +/- K-feldspar veinlets, within zones of carbonate, albite, sericite and locally K feldspar alteration.

Examples of gold deposits from the area that fit this model include the Pistol Lake Property located 27 km to the west of the project area, the Bandore property 23 km to the west, the Gold Creek Property 23 km to the south and the Tower Property 11 km to the east.

A well-defined model of Archean gold deposits has been developed that has application to this area and is described as follows in "Discover Prospecting an introductory prospecting manual" available from the Ontario Prospectors Association.

The statement "gold is where you find it", has a significant amount of validity. Gold in Archean terrain can be found in virtually any rock type.

Gold is either "primary" that is part of the original rock or "secondary" that is that gold has been added or concentrated in a rock later. Often it is some combination of primary concentration and secondary enrichment that results in the development of significant gold mineralization.

The most favourable host rocks for gold mineralization occur within greenstone belts and include iron-rich rocks such as magnetite-rich iron deposits, gabbros and mafic volcanic rocks. The sulphur in the hydrothermal solutions reacts with the iron in the rocks to form iron sulphide minerals, such as pyrite. This process stimulates the precipitation of gold, which commonly coats or "plates" the pyrite crystals. Ultramafic, magnesium-rich rocks and carbon-rich, graphitic rocks are also good chemical traps for vein minerals such as gold-bearing veins. Other rock types, such as intermediate to felsic, igneous intrusive rocks, are also closely related to vein deposits. These intrusive rocks may have been sources for hydrothermal fluids that escaped from the intrusions as they cooled and transported minerals and elements into open fractures. This may explain why many vein deposits are spatially associated with intrusive igneous rocks. Many gold vein deposits, for example, occur at or near the margins of felsic intrusions and silver vein deposits are closely related to intrusions of diabase.

Secondary enrichment is almost always a major characteristic of economic Archean gold deposits. Three important factors are often present in secondary enrichment of gold: deformation of rocks (folding and fracturing); hydrothermal processes; and vein development.

The term "hydrothermal" means "hot water". Hydrothermal solutions originate from the dehydration of rocks during compaction and metamorphism; and from cooling, igneous intrusions. The water (seawater, groundwater, rainwater) may also originate on the Earth's

surface but percolates downwards into the crust where it is heated and circulated. These fluids are highly mobile and chemically reactive, making them excellent solvents for metals and minerals. Open fractures and porous rocks allow the passage and circulation of these solutions. Vigorous chemical reactions occur between the fluids and minerals in rocks that are exposed along the walls of the fractures. These chemical reactions change the composition of the rocks and the fluids. When the composition of the hot solutions are changed their ability to transport dissolved elements quickly diminishes and metals and minerals are precipitated and deposited in the open fractures. Mineral fillings in open fractures or veins are typical hydrothermal mineral deposits. A typical vein is a mineral deposit which has filled an open fissure solidly from wall to wall. Veins usually have sharply defined boundaries but there may be a complete gradation from the vein into the surrounding wall rocks. The shape and physical character of a vein depends upon the type of fissure it has filled, such as an opening formed by structural deformation, or an original opening in the rock. Veins may be any size and form; they can be found in any rock type; and they may be composed of only one type of mineral or extensive assemblages of minerals. The majority of veins are dominantly composed of quartz and/or carbonate minerals with a wide variety of accessory minerals. Mineralization may be evenly distributed throughout the veins; concentrated along vein-wall rock contacts; or concentrated around rock fragments in the vein. Some mineralization may also extend outwards from the vein into the surrounding wall rocks. Replacement deposits are formed by the deposition of abundant vein minerals in the wall rocks without the formation of veins.

Veins represent mineral fillings of open spaces in rocks. Therefore, they are very closely associated with strongly deformed rocks. Most veins occur in very structurally complicated deformation zones and tectonic breaks that provide an abundance of open spaces for vein development. Veins may be associated with small-scale faults, shear zones, folds structures and fracture systems or large deep-seated fracture and fault systems developed during regional earth movements.

The composition of rocks localize deformation zones and specific types of structures. Felsic rocks, iron formation and small igneous intrusions commonly host fracture systems and brecciated zones. Mafic and ultramafic rocks host shear and fracture zones. Rock contacts between different rock types are also the site of deformation due to the contrast in composition between the rocks.

Vein systems are usually tabular, sub-vertical, structures. The thickness of a vein system is commonly measured in metres and its strike and dip dimensions measured in tens or hundreds of metres. The economically valuable part of the vein may be considerably smaller than the vein itself because the majority of veins are not evenly mineralized. The vein system may also be part of a larger structure consisting of a system of separate shear zones each hosting their own vein systems.

Vigorous chemical reactions occur between hydrothermal fluids and wall rocks as the fluids circulate through open spaces. These chemical reactions promote the precipitation of minerals from the solutions and change the mineralogical and chemical composition of the wall rocks. The chemical reactions commonly remove and/or add elements to the rocks resulting in the destruction of pre-existing minerals and the formation of new minerals. This effect is called wall rock alteration, which accompanies all mineral deposits formed by hydrothermal fluids. Wall rock alteration is readily visible to the eye and commonly results in discolouration of the rocks and the growth of new minerals. It can also change the physical properties of rocks and make them harder or softer.

In a simple fissure vein the alteration extends parallel to the walls of the fissure and forms an alteration halo around the vein. The halo is relatively uniform in width but can vary according to the size of the vein, or the intensity/amount of fluid movement. If the veins are closely spaced, the alteration halo of one vein may merge with the halos of other veins. The alteration may also be very extensive and widespread affecting a large area of rocks. The type, extent and intensity of the alteration depends upon the chemical, composition of the wall rocks and solutions; temperature and pressure of the mineralizing solutions; the amount of solutions involved; and the size of the open spaces. Rocks that are easily altered, such as mafic and ultramafic rocks, will exhibit intense and extensive alteration. The reverse is true for less chemically reactive rocks, such as felsic, silica-rich rocks. Large structural systems that allowed the passage of enormous quantities of solutions will host extensive vein systems with widespread alteration.

Many vein systems are relatively small and difficult to locate, therefore, recognizing wall rock alteration is important. The alteration that surrounds a vein system may be much more extensive and widespread than the smaller vein system. Therefore, recognition of rock alteration may lead a prospector to the mineralized veins.

Wall rock alteration is not only associated with veins, but occurs with any mineral deposits formed by the circulation of hydrothermal fluids in rocks. Below are descriptions of the more common types of wall rock alteration.

Carbonatization: This involves the formation of carbonate minerals (calcite, ankerite, dolomite) in the wall rocks. This alteration "bleaches" or discolours the rock and gives it a distinctive orange-brown appearance on weathered surfaces and a pale grey or buff colour on fresh surfaces. Small crystals or "rhombs" of carbonate can sometimes be seen in the rocks. Carbonatization is most well developed in intermediate to mafic and ultramafic rocks.

Chloritization: This is the formation of abundant dark green chlorite in wall rocks due to enrichments in magnesium (Mg). Chloritized rocks are soft dark green and schistose. Chloritization is associated with carbonatization and is usually well developed in mafic rocks. It can also occur in very felsic rocks such as rhyolite.

Albitization: This is the formation of albite feldspar in wall rocks due to enrichments in sodium (Na). Albitized rocks are mottled white to grey and may contain small laths of secondary feldspar.

Epidotization: This is caused by the pervasive enrichment of epidote in wall rocks. Epidotized rocks are pale apple green and can be extremely hard with conchoidal fractures. Epidotization is most prominently developed in intermediate to mafic rocks.

Potassic Alteration: This type of alteration is caused by the enrichment of potassium (K) in wall rocks. Minerals that contain high amounts of potassium such as biotite mica, sericite mica and potash feldspar are abundant in potassium-enriched rocks. Rocks containing abundant, fine-grained, biotite may be schistose with a shiny, purple-brown tinge on weathered surfaces. Sericite is very fine-grained, muscovite mica, which is very white and shiny giving the altered rock a platy, schistose texture. Rocks enriched in potash feldspar are commonly pink or pink-orange and may contain laths of feldspar.

Sericitization: As mentioned above, sericitization is a result of potassium enrichment forming sericite mica. Sericite is commonly accompanied by quartz and pyrite. If the sericite is enriched in chromium it becomes a bright emerald green and is known as fuchsite or mariposite.

Sericitization commonly occurs in felsic and sedimentary rocks while green sericite forms in mafic, ultramafic and felsic rocks. Green sericite is commonly associated with carbonate.

Silicification: This alteration occurs when there is a major enrichment of silica (SiO_2) in the wall rocks. Silicified wall rocks are very quartz-rich; have a cherty, porcelain or dull lustre; and are very hard with a conchoidal fracture. Silicification can occur in any rock type.

Sulphidation: This alteration consists of the development of iron sulphides (pyrite, arsenopyrite) in wall rocks due to the addition of sulphur to the iron-rich rocks. The sulphur combines with iron released during the decomposition of iron-rich minerals and forms iron sulphides. Sulphidation commonly occurs in iron-rich, mafic rocks and iron formation.

Many other types of alteration can occur, such as tourmalinitization (development of tourmaline due to enrichments in boron); dolomitization (addition of magnesium to limestone forms dolomite); garnetization (abundant garnet developed in an altered rock). Enrichments of aluminum in rocks commonly form assemblages of aluminum silicate minerals, such as andalusite, sillimanite and kyanite. Other minerals such as biotite, cordierite, chloritoid, staurolite and anthophyllite may be formed by the metamorphism of altered rocks with enrichments of aluminum, iron and magnesium.

Gold has been mined in various locations across Ontario including Red Lake, Hemlo, Pickle Lake, Beardmore, Geraldton, Kirkland Lake and Timmins. The gold deposits at Timmins, Kirkland Lake, Hemlo and Red Lake are famous world class ore bodies that have produced gold for many years. The Dome Mine in Timmins, for example, has produced gold for over 100 years..

REGIONAL VOLCANIC HOSTED BASE METAL DEPOSIT MODEL (modified from Discover Prospecting)

Mineral concentrations in volcanic rocks are formed by the discharge of hot, hydrothermal solutions onto the seafloor. Metal-rich, sulphide minerals precipitate from the solutions and accumulate amongst volcanic and sedimentary rocks. These deposits form disseminated, semi-massive and massive, lens-shaped bodies of volcanogenic massive sulphides (VMS) which are a major source of copper, zinc, lead, silver, gold and minor amounts of tin, cadmium, antimony and bismuth. The typical economic deposit consists of several individual massive sulphide lenses that contain 1 to 10 million tonnes of ore grading 2% to 10% combined Cu, Zn and Pb. The largest deposits contain in excess of 100 million tonnes of ore. Deposits tend to occur in clusters and individual deposits occur within a single, specific sequence of rocks.

Massive sulphide deposits form in areas of underwater volcanic activity where seawater is drawn down through fractures in volcanic rocks and heated by cooling igneous intrusions beneath the seafloor. The heated seawater circulates through fractures and reacts with the rocks, leaching out metallic elements. Continued heating causes the solutions to circulate upwards along fractures. The solutions eventually pour out into the sea where metallic sulphide minerals precipitate from the solutions on or near the seafloor (Figure 2).

The form of the massive sulphide deposits range from steep-sided cones to flat, tabular, sheets that accumulate in deep water on the flanks of felsic volcanoes or in topographic depressions (Figure 3). The most common metallic mineral in a massive sulphide lens is pyrite accompanied by pyrrhotite, chalcopyrite, sphalerite and galena. Chalcopyrite content decreases upward and outward from the base of the massive sulphide lens. A thinly bedded unit of iron-rich chert

commonly overlies a sulphide deposit and may extend laterally away from the deposit. In some cases, the massive sulphides are spatially associated with magnetite-hematite and pyrite-pyrrhotite iron deposits (Figure 4).

Volcanogenic massive sulphides can be divided into two types: 1) a Zn-Pb-Cu type associated with intermediate to felsic volcanic flows, felsic quartz-and quartz-feldspar porphyries, felsic pyroclastic rocks and fine-grained sedimentary rocks; and 2) a Cu-Zn type associated with mafic, volcanic flows and fine-grained sedimentary rocks (Lydon 1984). Deposits of the Cu-Zn type occur where the rocks below the deposit consist of mafic volcanic rocks or their direct sedimentary derivatives, whereas deposits of the Zn-Pb-Cu type occur where the rocks below the deposit consist of felsic volcanic rocks or fine-grained, shaly sedimentary rocks.

Massive sulphide deposits are commonly underlain by a wide and extensive alteration zone (Figure 4) found in rocks that lie below the ore body (footwall rocks). Hot solutions that deposited the sulphides on the seafloor circulated through the rocks and chemically changed them by adding or removing elements during vigorous chemical reactions that occurred between the rocks and the solutions. Most footwall rocks beneath a massive sulphide lens are enriched in magnesium (Mg), iron (Fe), silicon (Si), potassium (K), copper (Cu) and zinc (Zn) and depleted in sodium (Na) and calcium (Ca). The altered rocks contain large amounts of minerals that would not normally occur in unaltered rocks, such as chlorite, sericite, biotite, talc, quartz, iron carbonate and disseminated sulphides. If the altered rocks are metamorphosed they may contain unusual concentrations and assemblages of very coarse-grained minerals, such as anthophyllite, kyanite, cordierite, sillimanite, staurolite, garnet, biotite and sericite. The occurrence of such minerals serves as guides to exploration for volcanogenic massive sulphide deposits.

Volcanogenic massive sulphide deposits occur across Ontario and are mined at the Kidd Creek Mine at Timmins; the Winston Lake Mine near Schreiber; and the Geco Mine at Manitouwadge. Past producers are the South Bay Mine near Red Lake; the Mattabi and Lyon Lake mines near Ignace; and the Temagami Mine at Temagami Lake.

Volcanogenic massive sulphide deposits are found at the Vanguard Property 43 km to the west and were mined at the Coldstream Mine 54 kilometres to the west. The Winston Lake Mine near Schreiber and the Geco Mine at Manitouwadge are both hosted in stratigraphy contemporaneous and comparable to the Burchell Assemblage crossing the Project Area.

REGIONAL MAFIC INTRUSION HOSTED BASE METAL DEPOSIT MODEL (modified from Discover Prospecting)

This Project hosts a geological environment that is similar to many Cu-Ni-PGE mining camps.

A well-defined model of magmatic sulphide deposits has been developed that has application to this area and is described as follows in "Discover Prospecting an introductory prospecting manual" available from the Ontario Prospectors Association.

Iron-nickel-copper sulphide deposits, platinum and chromium deposits are characteristically associated with mafic and ultramafic igneous rocks.

The iron-nickel-copper sulphide deposits consist of massive, semi massive and disseminated pyrrhotite, pentlandite (nickel sulphide) and chalcopyrite (copper sulphide); and contain variable amounts of cobalt, platinum group elements, gold and silver. The deposits generally occur at the

base of irregular gabbro intrusions, but may be found in ultramafic intrusive lenses or extrusive flows. The sulphides may also be concentrated in shear zones, and faults within the intrusions or may occur as veins or lenses in country rocks adjacent to the intrusions. Examples of significant iron-nickel-copper sulphide deposits in Ontario are: the complex and enormous deposits at Sudbury; the Shebandowan and Great Lakes Nickel deposits near Thunder Bay; and the Gordon Lake Mine at Rex-Werner lakes north of Kenora.

Chromium and platinum deposits occur in **layered**, sill-like or funnel-shaped, mafic to ultramafic **intrusions**. The layering consists of different rock types formed when various minerals are concentrated and segregated into layers as the intrusion crystallizes. The intrusions consist of layers of ultramafic rocks at the base with more felsic, granitic layers at the top. Individual layers may be a few centimetres to hundreds of metres thick. The chromium and/or platinum mineralization is commonly concentrated in ultramafic, peridotite layers that are rich in olivine. The deposits form tabular, parallel layers with remarkable lateral continuity. Chromite forms semi massive or massive chromitite seams that contain no sulphide minerals. Platinum group elements are also associated with sulphide minerals (pyrrhotite, chalcopyrite, pentlandite) that comprise less than 5% of the rock. Chromium deposits may also occur as intensely deformed pods or lenses of mineralization in highly deformed and altered ultramafic rocks. The ultramafic rocks are commonly serpentinized sheared and faulted.

Chromium deposits are known to occur in intrusions at Puddy, Obonga and Shebandowan lakes and in the Crystal Lake Gabbro near Thunder Bay; in the Big Trout Lake layered intrusion north of Pickle Lake in Northwestern Ontario; and in the Rex-Werner lakes area north of Kenora.

Platinum is produced at Sudbury and occurs in the Lac Des Illes Intrusion north of Thunder Bay; in the Big Trout Lake Intrusion; and in the Rex-Werner lakes area. Platinum is found in very low or anomalous amounts in many ultramafic intrusions throughout Ontario.

Nickel, Copper, Au and PGE mineralization was mined at the Shebandowan Mine 29 km to the west. A significant Chromium resource was also outlined at the Shebandowan Mine.

PROPERTY GEOLOGY:

The project area is underlain by Archean supracrustal rocks of the Shebandowan greenstone belt.

The supracrustal rocks strike east-west with subvertical dips and form an apparent homoclinal sequence which youngs to the north.

A mixed stratigraphic sequence of Keewatin units (Kashabowie Group) composed of ultramafic to felsic volcanic and intrusive units with narrow chemical and clastic sedimentary units including graphitic argillites, iron formation, chert and sulphidic exhalites occurs in this area. Composite intrusive units intrude the supracrustals.

A pull-apart Timiskaming-like basin occurs to the north of the Keewatin stratigraphy and is composed of clastic sedimentary units (Shebandowan Assemblage).

East-west and northeast deformation zones cross the property.

All rock units have been subjected to regional progressive greenschist facies metamorphism.

PROPERTY MINERALIZATION:

1) Gold Mineralization:

Gold mineralization is associated with a series of east-west trending and north-east trending deformation zones and favourable host stratigraphy interpreted to cross the property.

Gold mineralization has been identified immediately to the east and west of the property. The Dawson Road Lot Zone comprises the Bylund (4.56g/T Au over 12.0m), Mattawin (4.5g/T Au over 2.6m along 82.4m strike) and Goldcache (up to 42.8g/T Au) occurrences and is interpreted to cross the property.

No records were found of previous sampling or analysis on the property.

Sericite and carbonate altered volcanic rocks and graphitic argillites occur with sulphide mineralization in outcrop on the property. At least 2 parallel and similar stratigraphic units occur on the property, as outlined by geophysics.

Many significant Gold Prospects are located proximal to the property: Goldie Prospect (Main and Shepherd Zones) located 1 km north, Pistol Lake Property located 27 km to the west of the project area, the Bandore property 22 km to the west, the Gold Creek Property 13 km to the south and the Tower Property 11 km to the east.

The current program indicates that gold mineralization and associated alteration occurs extensively on the property. Gold displays a very strong relationship to arsenic, ankerite, fuchsite, silicification and pyrite. Humus (up to 124 ppb) and Alder twig (up to 97 ppb) sampling returned numerous gold in soil anomalies with corresponding pathfinder elements (including As up to 700ppm) over areas of known mineralization as well as unexplained anomalies.

2) Base Metal Mineralization:

Felsic volcanic stratigraphy with sulphide bearing exhalite indicates high potential for VMS mineralization on the property.

Volcanogenic massive sulphide deposits are found at the Vanguard Property 43 km to the west and were mined at the Coldstream Mine 54 kilometres to the west both of which are interpreted to occur in the Kashabowie Group being the same stratigraphy as this property.

Conductive anomalies located on the property are likely associated with sulphidic exhalites.

The current program identified two zinc in Alder Twigs anomalies (up to 1940 ppm) coincident with electromagnetic anomalies north of the Highway and a second zone south of the highway.

3) Magmatic Ni-Cu-PGE

Ultramafic units interpreted as the strike extension of the Shebandowan Mine stratigraphy likely cross the property.

Nickel, Copper, Au and PGE mineralization was mined at the Shebandowan Mine 29 km to the west. A significant Chromium resource was also outlined at the Shebandowan Mine.

The current program identified local anomalous Ni (up to 1610 ppm) associated with rocks interpreted as possible altered ultramafic volcanics along the southern edge of the project area.

PREVIOUS WORK:

1970, Noranda Mines Limited carried out geological mapping and geophysical surveys.

1972, Getty Mines Limited conducted geological mapping, Very-Low-Frequency - Electromagnetic ground.

1985, Jalna Resources conducted geophysical surveys.

RATIONALE

The Shebandowan Greenstone Belt is a proven gold and massive sulphide producing belt with past producing mines and numerous gold and base metal occurrences.

Work in the area indicates a geological environment favourable to hosting gold deposits (Pistol Lake, Bandore Property, Moss Lake Property, Shabaqua area, Dawson Road Lots, Goldie Prospect, Gold Creek Area), the formation of volcanogenic massive sulphide deposits (Vanguard and Coldstream Properties) and the deposition of magmatic sulphide orebodies (Inco Shebandowan Mine).

The area has been featured by the Resident Geologist Thunder Bay South in Recommendations for Exploration 2016-2017 and Recommended #1 Gold Exploration Target MNDM Regional Till Sampling 1999 (OFR5993).

The property is underexplored with only a first pass for gold, VMS, and Ni-Cu-PGE yet previous work has provided a significant database to work from.

A preliminary exploration program carried out by the author in 2017 immediately west and south of the current project returned significant Au, As, Zn, Cr, Ni in rock sampling and identified a mineralized and altered gold bearing zone that is interpreted to strike onto the current project area.

Humus and Alder Twig sampling has been shown to be highly effective in identifying Au, As and Zn occurring in covered bedrock sources in the area.

Excellent access and infrastructure are advantageous for economic and efficient exploration.

WORK PERFORMED

From April 25, 2018 to September 10, 2018 a program of field work, analytical work, analysis and report writing was undertaken on the property. Field work was conducted from May 3 to July 16, 2018. The claim holder supervised all aspects of the project and authored this report.

This preliminary exploration program consisted of reconnaissance, an orientation geochemical sampling including humus, spruce bark and alder twigs and bedrock stripping and sampling. A very limited budget precluded more detailed work at this time.

A geochemical survey, comprised of 15 humus and 40 alder twig and 27 spruce bark samples, tested stratigraphic and geophysical targets. Samples were ashed and analysed by NAA for multi-elements by Actlabs of Thunder Bay. (See Appendix III and IV)

Bedrock stripping was performed in 4 areas selected for ease of equipment access and prospectivity, including visual identification of altered and mineralized float and bedrock and interpreted strike extension of mineralization identified immediately to the west. Stripped areas were cleaned, mapped and sampled in a cursory fashion. An excavator (Cat 312 CL with modified dozer blade) was contracted from Belham Limited of Kaministiquia with Stephen Hamer as operator. (See invoice Appendix II 'East Property')

A total of 58 rock samples were analysed by AR-ICP analysis with FA-AA on high grade gold samples by Actlabs of Thunder Bay. (See Appendix III and IV)

RESULTS AND DISCUSSION

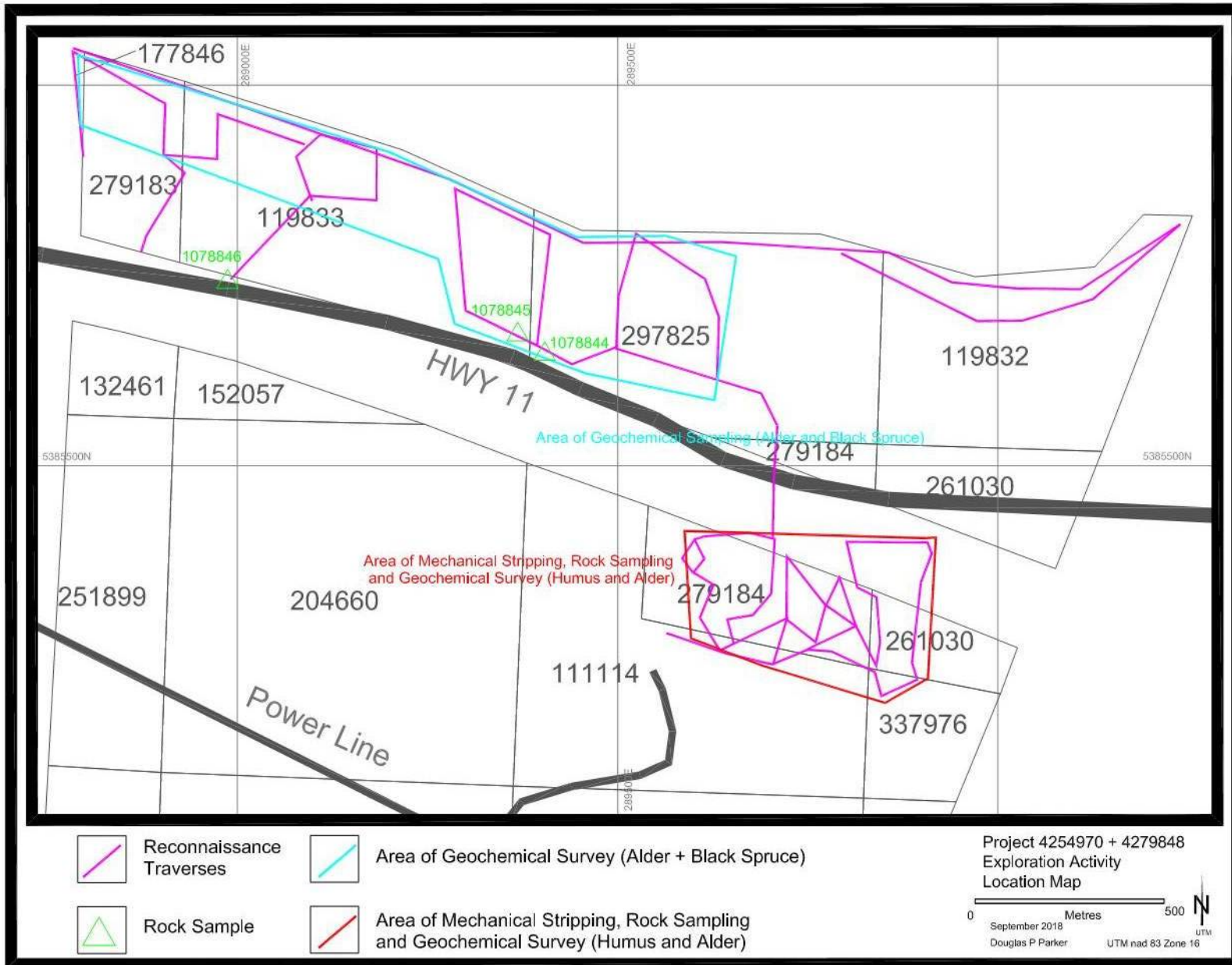
Reconnaissance

Access to the property includes highway 11/17. The southern part of the property is best accessed from a forestry access road, located west of the property, which continues onto the property and is drivable by 2 wheel drive past the power line just south of the property. Here a maze of overgrown haulage trails provide foot and tracked vehicle access. The northern part of the property is best accessed from the Bylund Pit Road, immediately east of the property, which connects to the overgrown Old Dawson Trail along the northern boundary of the property.

Most of the southern part of the property has been logged within the last 15 years with the exception of the immediate highway frontage. Thick secondary growth, predominantly hardwood, covers most of the cut areas. Mature mixed forest covers the remainder of the property.

Outcrop exposure is sparse and largely confined to a ridge that is south and parallel to the highway where overburden is relatively thin and comprised of clay, sand and boulders. Thicker till horizons covered in extensive clay and swamp occur elsewhere. Till is covered in a poorly developed soil profile of humus A horizon or moss.

Initial observations of the bedrock included extensive alteration and mineralization (ankerite-silicification-sericite-fuchsite-sulphide) throughout the southern part of the study area. (See Exploration Activities Map)



Geochemical Sampling

Humus, Spruce Bark and Alder Twig sampling was undertaken over geophysical electromagnetic anomalies identified by Getty 1972 and others. (See Geochemical Survey Sample Location Map)

Humus was sampled from the top 10 cm of soil with care taken to avoid leaf litter, pebbles, sand, clay and roots. Humus was placed in a kraft sample bag and marked with a sample number (GPS Waypoint). Notes were taken describing the soil present at the site.

Black Spruce Bark (*Picea mariana*) was sampled north of the highway in a swampy area at the same sample sites as Alder Twigs. Samples consisted of dry bark flakes collected from multiple trees in the sample area. Bark was placed in a plastic Ziplock bag and labeled with the same sample number (GPS Waypoint) as the Alder Twigs but with an S suffix (i.e. 1376S and 1376A).

Alder Twigs (*Alnus rugosa*) were sampled in the vicinity of the Spruce Bark and labeled with the same sample number (GPS Waypoint) as the Spruce but with an A suffix (i.e. 1376S and 1376A). 13 Alder Twig samples were also sampled south of the highway over the geophysical anomalies targeted by the humus sampling. Samples consisted of 10 to 15 pieces of 50 cm long alder twigs collected from multiple trees at each sample site. Care was taken to standardize circumference of alder twigs (0.5 - 1.0cm). Twigs were stripped of leaves at the site, cut into 3 to 4 cm lengths and placed in numbered kraft bags.

A total of 15 humus, 27 Black Spruce Bark and 40 Alder Twig samples were collected at 55 sites located by GPS. After results were returned from the initial Alder Twig samples, 4 samples were re-assayed to confirm the initial results.

Because of the highly variable nature and thickness of the overburden as well as the limited number of samples available to interpret the data for determination of geochemical anomalies, a visual analysis of the data rather than mathematical statistical analysis was preferred. The contoured anomalies displayed on the anomaly maps are considered significantly enriched above background for the elements and medium analysed.

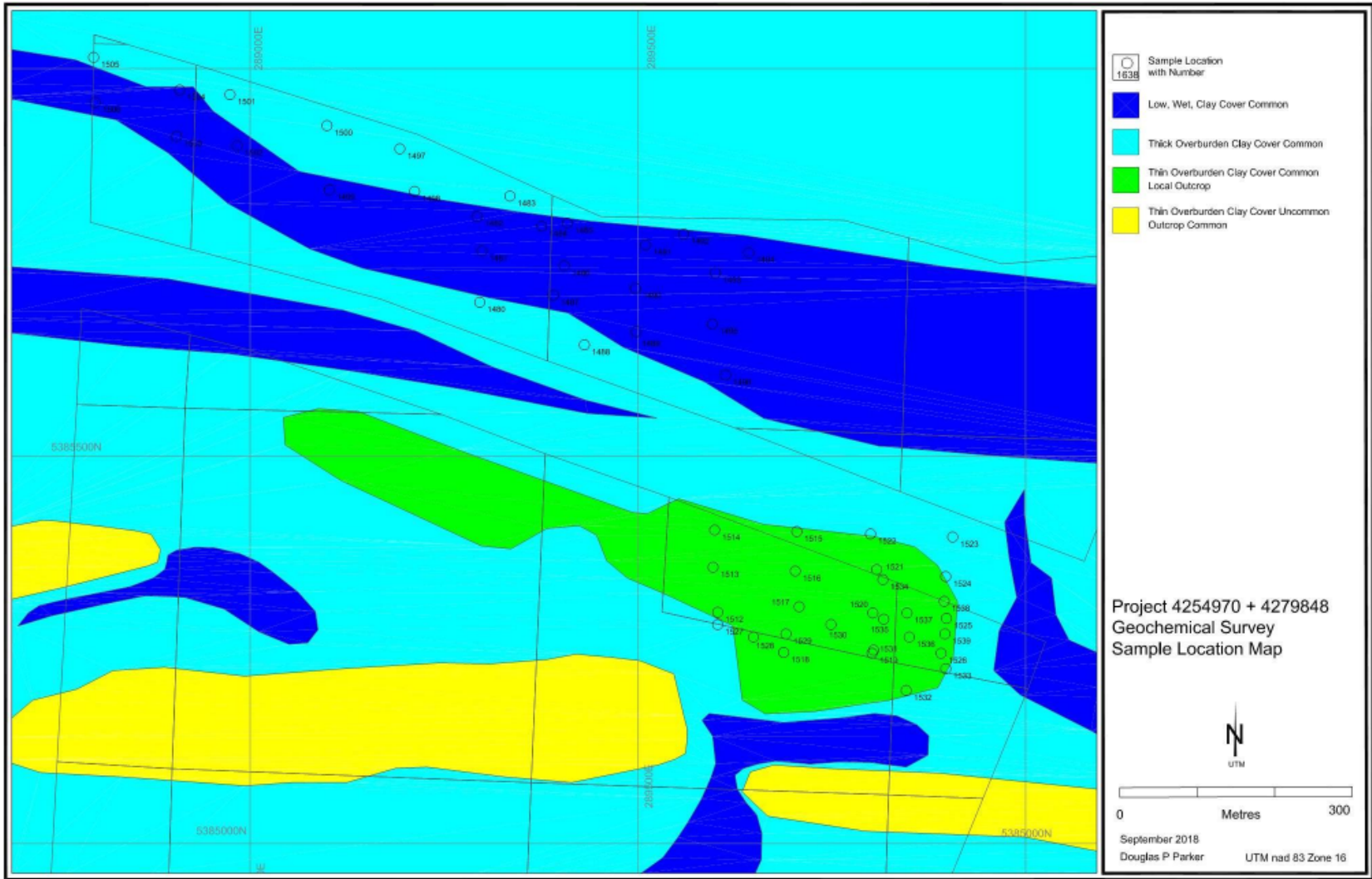
Humus sampling was effective in areas of shallow overburden in identifying the bedrock occurrences of gold mineralization (up to 124 ppb Au) and corresponding arsenic anomalies (up to 700 ppm As).

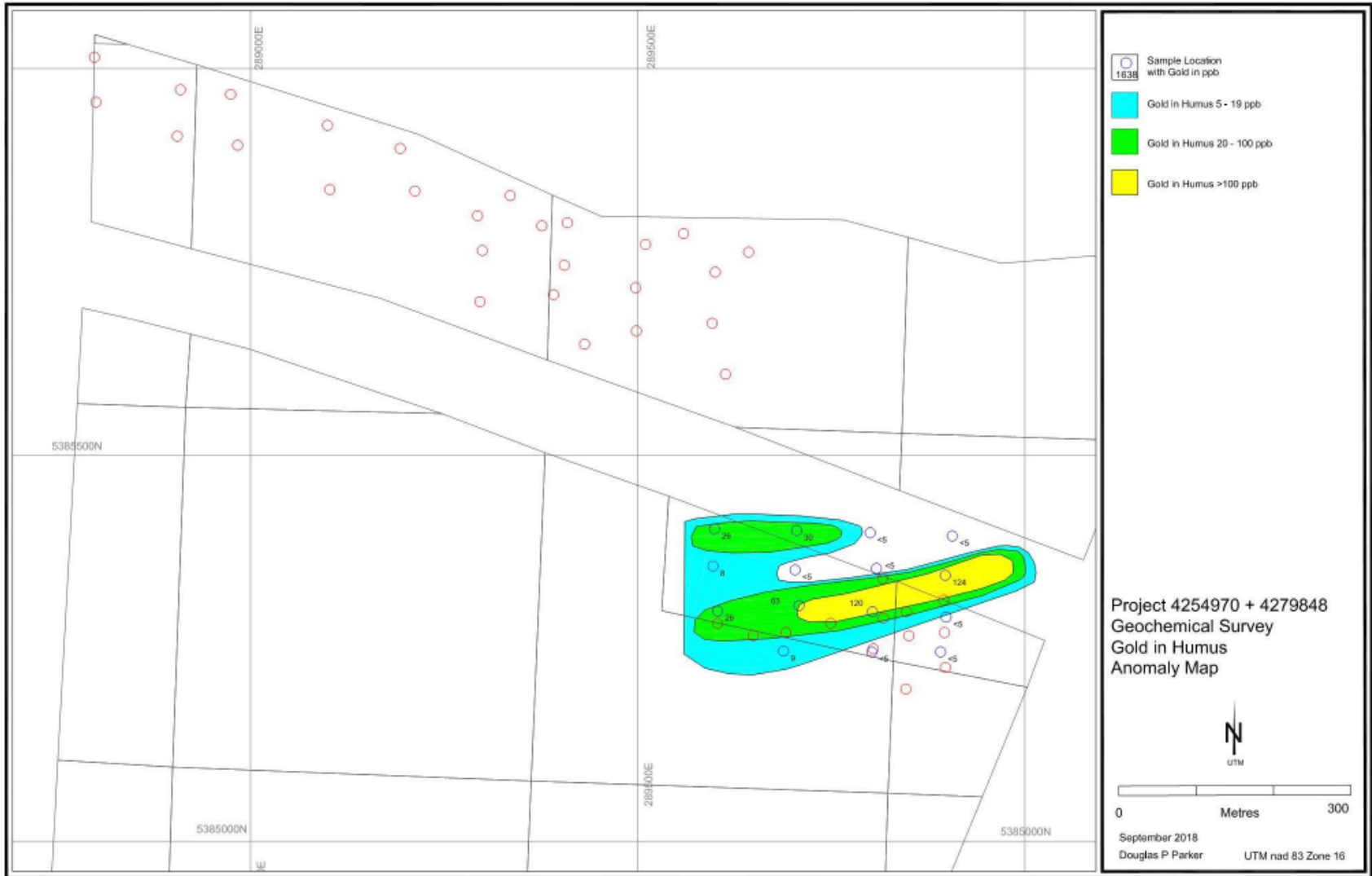
Alder Twig analysis also indicated gold anomalies (up to 97 ppb Au) in areas of thicker overburden and clay cover particularly north of the highway spatially associated with a geophysical conductor (See Gold in Humus, Arsenic in Humus, Gold in Alder Maps).

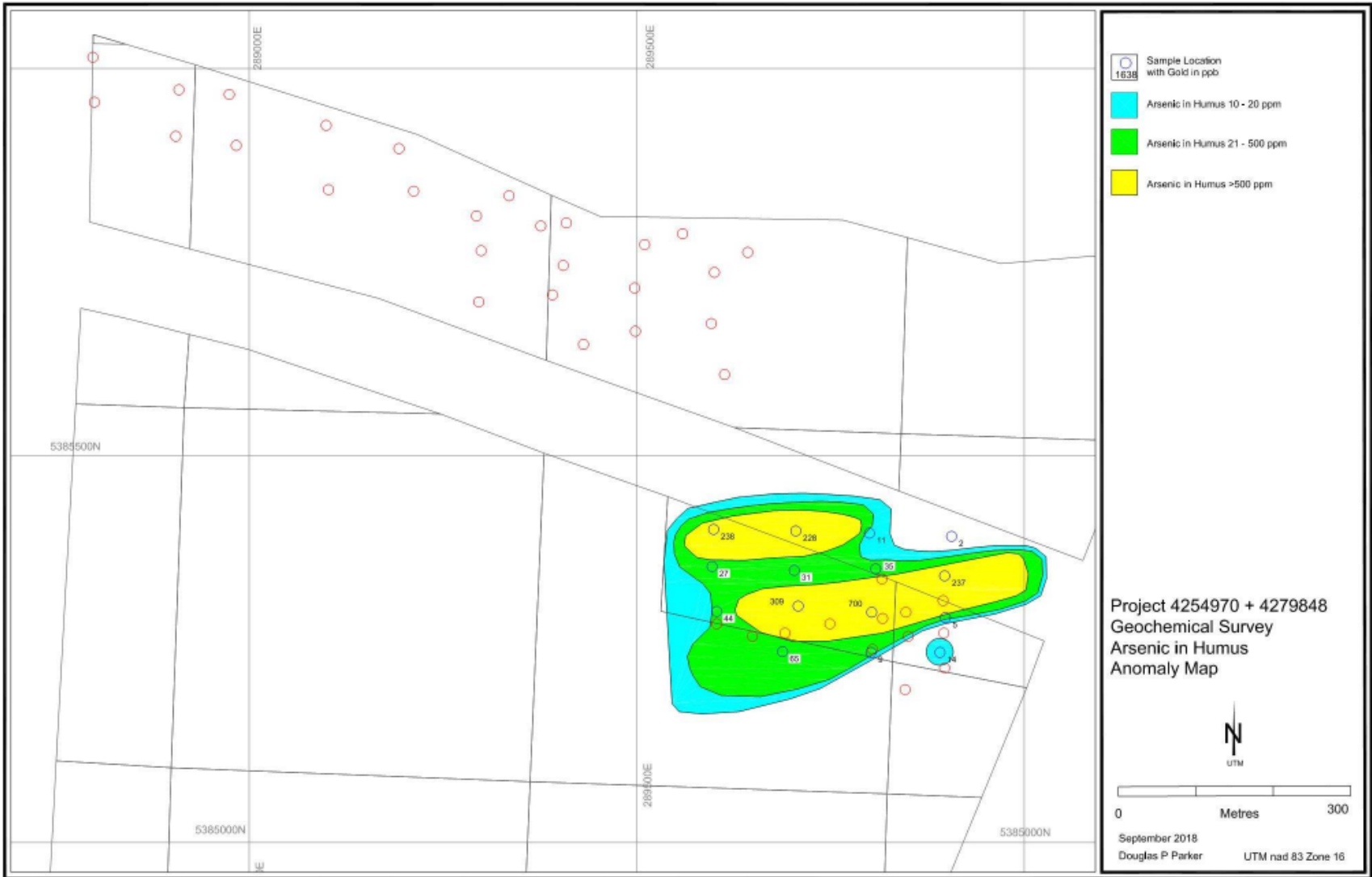
Mechanical Stripping and Rock Sampling

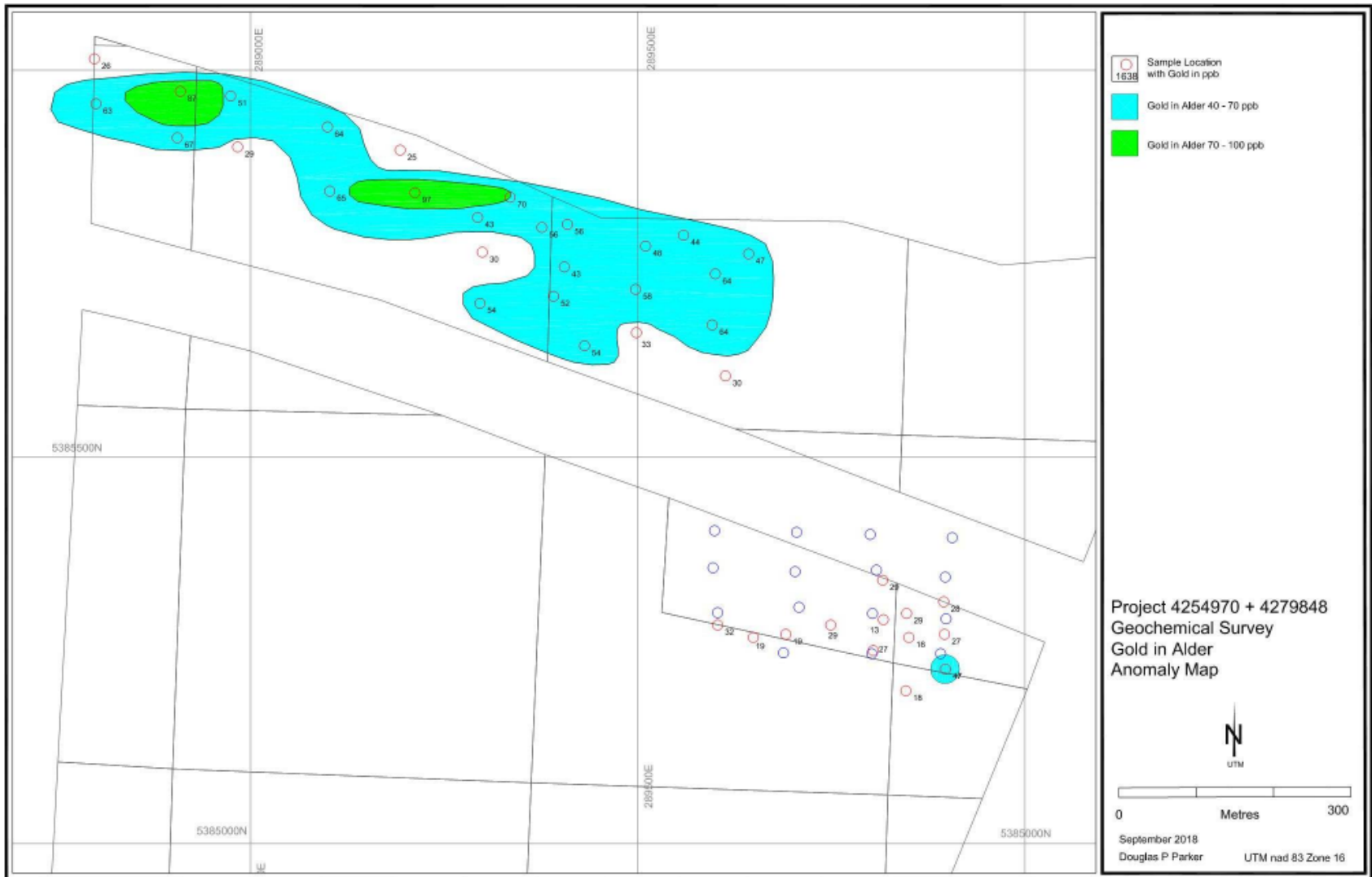
Altered volcanic and sedimentary rocks with extensive alteration and mineralization (ankerite-silicification-sericite-fuchsite-sulphide) associated with gold and other metals were observed throughout the extent of the study area south of the highway. (See Stripped Areas Detail Map)

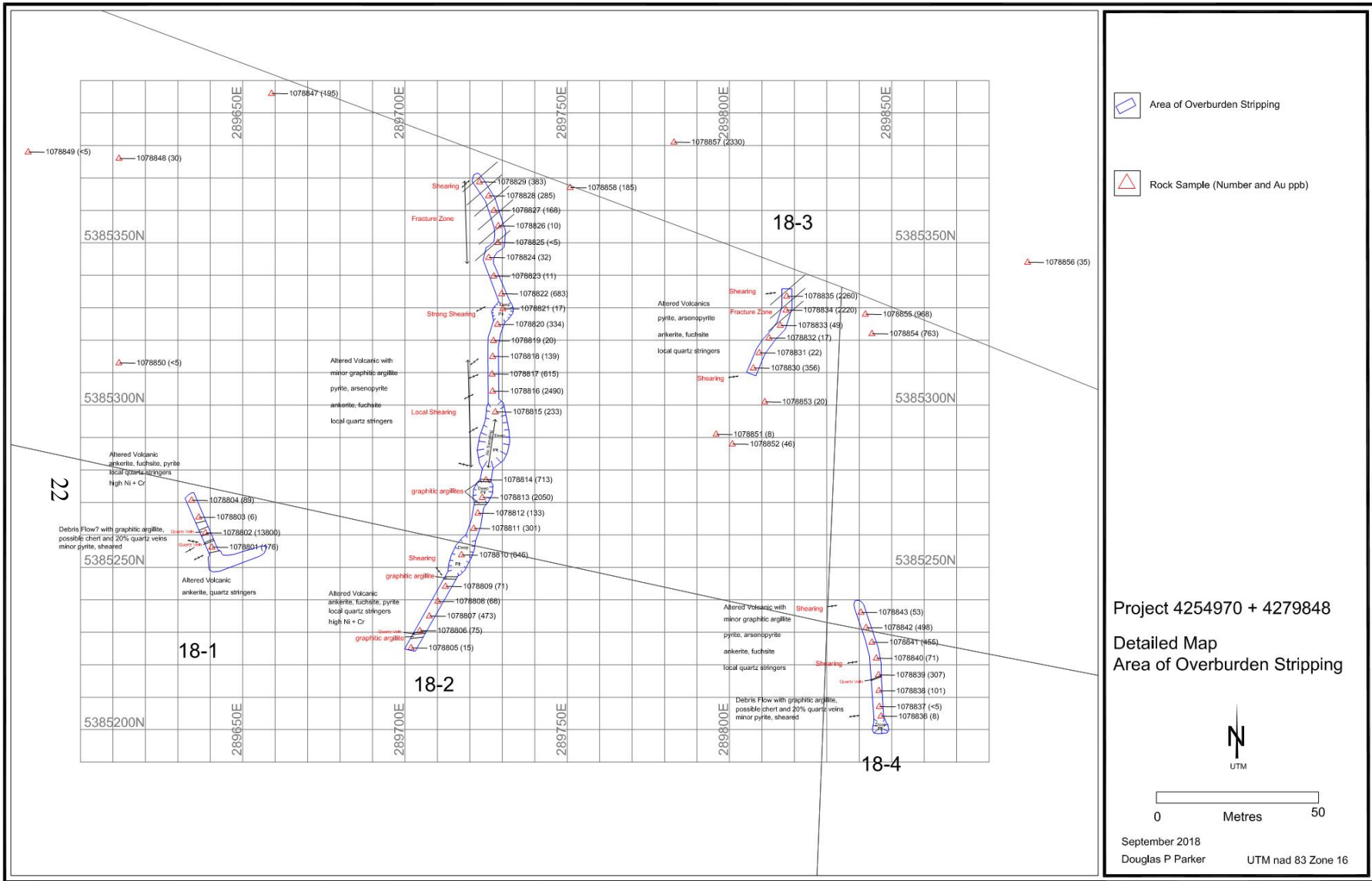
Mechanical bedrock stripping was performed in 4 areas in the southern part of the project area. The stripped areas are numbered 18- 1 through 46 indicating the year and order of excavation. Overburden thickness was typically 0.5-2 metre in the stripped areas. (See Detailed Map Areas of Overburden Stripping)











22

18-1

18-2

18-3

18-4

Area of Overburden Stripping

Rock Sample (Number and Au ppb)



The limited budget of the program did not permit systematic mapping or channel sampling of the exposed bedrock.

58 samples of outcrop were collected from several areas throughout the property . Gold assays from samples returned up to 13.8 g/T Au with anomalous Arsenic in numerous samples. Almost all of the rock samples returned significant gold with the 58 samples averaging 690 ppb/T Au.

Sampling was intended to identify the distribution of gold and other metals within specific rock types and structures and associations with alteration and mineralization. As such, large composite samples, comprised of many small rock chips taken over a large area and representative of that area, were preferred. Such sampling is referred to as Representative Composite Grabs and are intended to represent a length of sample across strike over the exposed width of the bedrock (i.e. 3 metres across strike over the width of the stripped area).

Selective grabs were taken on occasion to test specific geological features such as quartz veins or sulphide concentration and are not considered to have a spatial representation.

18-1

Stripped Area 18-1 commences at a small outcrop and continues north for 20 metres. The stripped area is 2-3 metres wide. Overburden was up to 2 metres deep and quickly drops off north of the stripped area.

Geology consists of east-west striking volcanic and sedimentary units dipping subvertically and crosscut by numerous shear zones and vein systems at various angles. Graphite, chert and sulphide horizons are common and often of limited extent. Disseminated pyrite and arsenopyrite are common throughout the exposed extent. Ankerite and silicification strongly affect all rocks and sericite and fuchsite are commonly present. Quartz stringers and veins are common. Anomalous Ni (>600ppm) and Cr (>1000ppm) indicate the protolith of the altered volcanics may in part be ultramafic.

4 samples were analyzed. Significant gold and arsenic assays were returned up to 13.8 g/T Au.

18-2

The 18-2 strip is approximately 157 metre long and averages 2-3 metres in width. Overburden thickness was variable but averaged 0.5-2 metres with a few areas > 5 metres. Deep areas were backfilled to stabilize the ground.

Geology consists of highly altered volcanic and sedimentary units dipping subvertically and crosscut by numerous shear and fracture zones and vein systems predominantly northeast vertical. Disseminated pyrite and arsenopyrite are common throughout the exposed extent. Ankerite and silicification strongly affect all rocks and sericite and fuchsite are commonly present.

25 samples were analysed and most returned anomalous gold and arsenic up to 2.49 g/T Au.

18-3

The 18-3 strip is approximately 30m long and 2-3m wide. Overburden thickness was variable but averaged 0.5-1.5 metres.

Geology consists of highly altered volcanic units dipping subvertically and crosscut by numerous shear and fracture zones and vein systems predominantly northeast vertical. Disseminated pyrite and arsenopyrite are common throughout the exposed extent. Ankerite and silicification strongly affect all rocks and sericite and fuchsite are commonly present.

6 samples were analyzed. Significant gold (up to 2.26 g/T Au) was associated with elevated arsenic.

18-4

The 18-4 strip is approximately 40m long and 2-3m in width. Overburden was up to 2 metres deep and quickly drops off north and south of the stripped area.

Geology consists of east-west striking volcanic and sedimentary units dipping subvertically and crosscut by numerous shear zones and vein systems at various angles. Graphite, chert and sulphide horizons are common and often of limited extent. Disseminated pyrite and arsenopyrite are common throughout the exposed extent. Ankerite and silicification strongly affect all rocks and sericite and fuchsite are commonly present. Quartz stringers and veins are common. Anomalous Ni (up to 1610 ppm) and Cr (up to 2310 ppm) indicate the protolith of the altered volcanics may in part be ultramafic.

8 samples were analyzed. Significant gold (up to 0.5 g/T) was associated with elevated arsenic.

Conclusions and Recommendations

This very limited and preliminary exploration program indicates that gold mineralization is widespread in the project area and that good potential exists for significant base metal mineralization particularly associated with exhalative horizons and Cr-Ni bearing volcanics.

Humus appears to effectively indicate gold and arsenic bedrock sources and to a lesser extent chromium and nickel bedrock sources in areas of shallow overburden where clay horizons are not extensive.

Alder Twigs returned anomalous concentrations of gold in areas of thicker overburden cover and also where swamp was present. It is not known if these gold anomalies are indicative of bedrock sources. Zinc anomalies in Alder Twigs correspond well with the geophysical targets investigated. It is not known if these zinc anomalies are indicative of bedrock sources.

Altered volcanic, sedimentary and intrusive rocks with extensive alteration and mineralization (ankerite-silicification-sericite-fuchsite-sulphide) associated with significant gold and other metals were observed throughout the southern extent of the study area.

Geological mapping and sampling should be undertaken over the property. Additional areas should be prioritized for stripping. All stripped areas should be washed, mapped and sampled.

Additional Humus and Alder sampling should be undertaken to cover the remainder of the property.

Geophysics including Maxmin and IP would provide improved targeting for diamond drilling.

Statement of Qualifications

I, Douglas P. Parker do hereby certify:

I am a resident of 365 Lark Street, Thunder Bay, Ontario, P7B 1P4.

I am a graduate of Lakehead University, Thunder Bay, Ontario with an Honours B.Sc. Degree in Geology (1985) and a Certificate in Environmental Assessment (1995). I am a graduate of Confederation College with a Diploma in Environmental Engineering Technology (1995).

I have been an active prospector and employed as a geologist and technical advisor with government and industry since 1985.



Douglas P. Parker

September 12, 2018

Date

APPENDIX I

Selected References

Smyk et al. 2017, Recommendations for Exploration 2016–2017, Ontario Geological Survey, Resident Geologist Program. 84p.

Bajc, A.F. 1999. Results of regional humus and till sampling in the eastern part of the Shebandowan greenstone belt, northwestern Ontario; Ontario Geological Survey, Open File Report 5993, 85p.

Parker, J.R., DISCOVER PROSPECTING: AN INTRODUCTORY PROSPECTING MANUAL, Ontario Prospectors Association, Revised in 2004 by: D.P. Parker and B.V. D’Silva, 203p.

Lavigne, M.J. and Scott, J.F. 1994. Thunder Bay Resident Geologist’s District; *in* Report of Activities 1993, Resident Geologists, Ontario Geological Survey, Open File Report 5892, p.129-148.

Additional references to follow.

NTS	#	AFRI	Name (filed under)	Alternate Name	Property Name	NTS (alt)	Twp or Area	Done	WORK_1	WORK_2	WORK_3	WORK_4	WORK_5	WORK_6	WORK_7	Reference #	Work Rpt Number	Update	GeoOntario
52A12SE	016		Lun Echo Gold		Finmark Prop.	52A12SW*	Dawson Road Lots	56	GL	DD	ASD	GM						na	
52A12SE	028	52A12SE2004	Kukkee, K.				Dawson Road Lots	97	ASD	PRO						2.19140	W9940-00010		http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SE2004
52A12SW	004	52A12SW0009	Bandolac Mining Company				Dawson Rd. Lots	80	GL	REP	LC					2.4098			http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0009
52A12SW	007		Cliffs of Canada Ltd.				Dawson Road Lots	66	SP									na	
52A12SW	011	52A12SW0012	Getty Mines Ltd.		Dawson Rd. Lots Prop.		Dawson Rd. Lots	72	GL	DD	ASD					2.945		VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0012
52A12SW	011	52A12SW0014	Getty Mines Ltd.		Dawson Rd. Lots Prop.		Dawson Rd. Lots	72	GEM							2.946		VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0014
52A12SW	012a,b		Godzik, A.				Dawson Rd. Lots	84-9	ST									na	
52A12SW	016		Lun Echo Gold Mines Ltd		Finmark Property	52A12SE	Dawson Rd. Lots	56	DD	GM	REP							na	
52A12SW	017		Lynx-Canada Explorations Ltd.		Morehouse-Johnson			79 80	DD	ASD	PNC	REP							
52A12SW	018	52A12SW0011	Lynx-Canada Explorations Ltd.				Dawson Rd. Lots	79 81	REP	PNC	DD							im	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0011
52A12SW	019		Mattawin Gold Mines Ltd.				Dawson Rd. Lots/Horne Tp.	52	PNC	GL	REP	ASD						na	
52A12SW	037a-c	52A12SW0058	Jalna Resources Ltd.	Morehouse, W. D.	63.4517		Dawson Rd. Lots	85	AM	GM				RES		2.8265			http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0058
52A12SW	050	42L12SW8020	Kukkee, E.	OP89-62			Dawson Rd. Lots	91	PRO	ASD						63.6210			http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=42L12SW8020
52A12SW	055	52A12SW0019	Freewest Resources Canada Inc.	Bumbu, C./Petrunka, D.			Dawson Rd. Lots	96	GM							2.16704			http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0019
52A12SW	061	52A12SW0041	Battle Mtn. Canada				Dawson & Goldie Tp.	95-6	GM	IP						2.17380	W9740-00187	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0041
52A12SW	062	52A12SW0042	Battle Mtn. Canada				Dawson & Goldie Tp.	95-7	ASD							2.17391	W9740-00193	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0042
52A12SW	063	52A12SE0005	Battle Mtn. Canada	Phantom Expl. Services		52A12SE	Conmee Tp./Horne Tp.	97	GEM	GM						2.17426	W9740-00166	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SE0005
52A12SW	080	52A12SW0015	Noranda Expl. Co. Ltd.	Morehouse, W.			Dawson Rd. Lots	70	GEM	GM	LC					2.321		VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0015
52A12SW	082	52A12SW0001	Jalna Resources Ltd.	MGS Capital			Dawson Rd. Lots	88	AEM	AM						2.11953			http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0001
52A12SW	083	52A12SW0004	Jalna Resources Ltd.	GML Minerals Ltd.			Dawson Road Lots	87	GM	GEM	IP	RES				2.10474			http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW0004
52A12SW	091	52A12SW2007	Bumbu, C.		Bylund Property		Dawson Rd. Lots	98	GM	GEM						2.18457	W9840-00439		http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2007

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52A12SW	093	52A12SW2005	Kukkee, T.			Dawson Rd. Lots/Horne Tp.	96-7	ASD									2.18467	W9840-00441	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2005
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52A12SW	097	52A12SW2012	Kukkee, T.		Shabaqua "Caldera" Prop.	Dawson Rd. Lots/Horne Tp	98	ST									2.18681	W9840-00515	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2012
52A12SW	098	52A12SW2011	Kukkee, T.		Shabaqua "Caldera" Prop.	Dawson Rd. Lots/Horne Tp.	98	PRO									2.18624	W9840-00516	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2011
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52A12SW	102	52A12SW2017	Kukkee, K.			Dawson Road Lots	97	ASD									2.19137	W9940-00009	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2017
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52A12SW	104	52A12SW2019	Kukkee, Thomas		Shabaqua "Caldera" Prop.	Dawson Rd. Lots/Horne Tp.	98 99	GM	GEM								2.19696	W9940-00245	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2019
52A12SW	106	Regional Office	Clark, Garry		Finmark Property	Dawson Road Lots	1998	GM	GEM	PRO	ASD					OP98-311		na	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2019	
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52A12SW	118	52A12SW2027	Kukkee, Patricia Eileen			Laurie Tp.	2002	ST	ASD								2.24560	W0240-01783	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2027
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52A12SW	122	52A12SW2033	Kukkee, Patricia Eileen			Laurie Tp.	2003	ASD	ST								2.26711	W0340.01851	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2033
52A12SW	124	52A12SW2034	Kukkee, Patricia Eileen		Gold Cache Property	Dawson Road Lots	2004	ASD	ST								2.27687	W0440.00753	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2034
52A12SW	125	52A12SW2035	Kukkee, Patricia Eileen		Gold Cache Property	Horne Tp.	2004	ASD	ST	TR							2.28004	W0440.01041	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2035

52A12SW	126	52A12SW2036	Kukkee, Kenneth Robert		Dawson Road Property		Dawson Road Lots	2004	ASD	PRO	ST	REP			2.28622	W0440.01635/W0440.01633	VA	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=52A12SW2036
52A12SW	131	2000000520	Kukkee, Patricia E.		Gold Cache Property		Horne Tp.	2005	ASD	ST	REP				2.30197	W0540.01162	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=2000000520
52A12SW	132	2000000474	Kukkee, Patricia E.		Gold Cache Property		Dawson Road Lots	2005	ASD	ST	REP				2.29996	W0540.00967	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=2000000474
52A12SW	133	2000000458	Kukkee, Patricia E.		Gold Cache Property		Horne Tp.	2005	ASD	ST	REP				2.29882	W0540.00859	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=2000000458
52A12SW	135	20000001066	Kukkee, Patricia Eileen		Gold Cache Property		Dawson Road Lots Area	2006	ASD	ST					2.31542	W0640.00359	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000001066
52A12SW	136	20000001186	RJK Explorations Ltd. Hinterland Metals Inc.		Shabaqua Gold Project	52B09SE	Laurie Tp	2005	AEM	AM					2.31635	W0640.00445	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000001186
52A12SW	137	20000000123	Kukkee, Patricia Eileen		Gold Cache Property		Dawson Road Lots	2006	ASD	TR	ST	REP			2.32597	W0640.01284	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000000123
52A12SW	138	20000001557	Kukkee, Patricia Eileen		Gold Cache Property		Dawson Road Lots	2006	ASD	ST	TR				2.32900	W0640.01533	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000001557
52A12SW	144	20000002355	Kukkee, Patricia E.		Gold Cache Property		Dawson Road Lots Area	2007	ASD	ST					2.35777	W0740.01597	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000002355
52A12SW	147	20000002955	RJK Explorations Ltd. *CD*		Goldie Property		Dawson Road Lots Area	2007	ASD	DD					2.36550	W0740.02183	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000002955
52A12SW	148	Regional Office	Kukkee, Patricia E.		Gold Cache Property		Dawson Road Lots Area	2007	ASD	MM					2.37263	W0840.00397	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000002355
52A12SW	160	20000004385	Kukkee, Kenneth R.		Dawson Road Property		Dawson Road Lots Area	2009	ASD	DD					2.42429	W0940.02076	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000004385
52A12SW	161	20000005876	Kukkee, Patricia E.		Gold Cache Property		Horne Twp.	2009	ASD	ST					2.44137	W1040.00445	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000005876
52A12SW	162	20000006258	Gold Cache Inc.		Gold Cache Property		Horne Twp.	2010	ASD	MM	ST				2.45394	W1040.01560	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000006258
52A12SW	173	20000006453	Gold Cache Inc.		Gold Cache Property		Horne Twp.	2011	ASD	Samp	ST				2.48486	W1140.01176	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000006453
52A12SW	174	20000006863	Denarii Resources Inc. *CD*		Bateman Lake Property	52A12SE	Horne Twp.	2011	ASD						2.49588	W1140.02132	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000006863
52A12SW	175	20000006634	Gold Cache Inc. *CD*		Gold Cache Property		Horne Twp.	2011	ASD	ST					2.48891	W1140.01531	im	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000006634
52A12SW	176	20000007104	Gold Cache Inc. *CD*		Gold Cache Property		Dawson Road Lots	2011	ASD	ST					2.51022	W1240.00582	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000007104
52A12SW	178	20000007581	Gold Cache Inc. *CD*		Gold Cache Property		Horne Twp.	2012	ASD	Samp					2.52307	W1240.01766	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000006581
52A12SW	180	Regional Office	Gold Cache Inc. *CD*		Gold Cache Property		Horne Twp.	2012	ASD	Str					2.53646	W1340.00412	MB	http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=afri&id=20000006581

52A12SW	182	Regional Office	Gold Cache Inc. *CD*	Gold Cache Property	Horne Twp.	2014	ASD	Str							2.55228	W1440.01679	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_55228
52A12SW	183	Regional Office	Gold Cache Inc. *CD*	Gold Cache Property	Horne Twp.	2014	ASD	Str							2.55338	W1440.01918	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_55338
52A12SW	184	Regional Office	Gold Cache Inc. *CD*	Gold Cache Property	Horne Twp.	2014	ASD	Str							2.55339	W1440.01921	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_55339
52A12SW	185	Regional Office	Yahn, W.M. *CD*	Laurie Township Property	Laurie Twp.	2014	ASD	Samp							2.55536	W1440.02426	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_55536
52A12SW	186	Regional Office	Yahn, W.M. *CD*	Laurie Township Property	Laurie Twp.	2014	ASD	Samp	Pr						2.55614	W1540.00040	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_55614
52A12SW	187	Regional Office	Gold Cache Inc. *CD*	Gold Cache Property	Horne Twp.	2014	ASD	Str							2.55894	W1540.00869	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_55894
52A12SW	189	Regional Office	Gold Cache Inc. *CD*	Gold Cache Property	Horne Twp.	2015	ASD	Samp							2.56129	W1540.01545	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_56129
52A12SW	190	Regional Office	Gold Cache Inc. *CD*	Gold Cache Property	Horne Twp.	2015	Tr	Str							2.56359	W1540.02110	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_56359
52A12SW	191	Regional Office	Yahn, W. *CD*	Laurie Township Property	Laurie Twp.	2015	Pr								2.56490	W1540.02489	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_56490
52A12SW	194	Regional Office	Gold Cache Inc. *CD*	Gold Cache Property	Horne Twp.	2015	ASD	GL	Tr						2.56845	W1640.00972	MB	\\Lrcpthbafp00002\ndm_gis\ME\DigitalAssessment\2_56845

Withheld for client confidentiality.

APPENDIX II

Mechanical Stripping Invoice and Timesheet

APPENDIX III

Assay Certificates



Date Submitted: 09-May-18
Invoice No.: A18-06110 (i)
Invoice Date: 11-Jun-18
Your Reference:

Doug Parker
365 Lark St
Thunder Bay ON P7B1P4
Canada

ATTN: Doug Parker

CERTIFICATE OF ANALYSIS

54 Vegetation samples were submitted for analysis.

The following analytical package(s) were requested:

Code 2C Ash Vegetation INAA(INAAGEO)

Code B3-Ash Report Ash Report

REPORT **A18-06110 (i)**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Footnote: INAA data may be suppressed due to high concentrations of some analytes

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized and somewhat abstract, with overlapping loops and a horizontal line at the bottom.

Emmanuel Esemé , Ph.D.
Quality Control

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Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	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	5	2	0.5	50	1	0.2	1	1	0.5	0.05	0.5	1	2	0.05	2	10	50	5	0.1	0.1	2	300	0.5
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A
1494A	47	< 2	1.5	850	106	31.4	3	11	< 0.5	0.12	< 0.5	< 1	< 2	0.16	< 2	600	< 50	53	0.7	0.2	< 2	1200	< 0.5
1495A	64	< 2	2.6	320	164	31.7	4	10	< 0.5	0.10	< 0.5	< 1	< 2	0.14	67	1010	< 50	111	0.9	5.4	< 2	< 300	< 0.5
1496A	30	< 2	1.8	240	54	30.2	< 1	14	< 0.5	0.06	< 0.5	< 1	< 2	0.12	30	5850	< 50	147	0.5	5.4	< 2	1200	< 0.5
1497A	25	< 2	2.3	510	64	29.0	3	11	< 0.5	0.15	< 0.5	< 1	< 2	0.17	< 2	430	< 50	64	0.4	0.2	< 2	600	< 0.5
1498A	97	< 2	0.5	890	409	27.6	14	10	< 0.5	0.07	< 0.5	< 1	< 2	0.19	< 2	410	< 50	339	0.7	0.2	7	1700	< 0.5
1499A	65	< 2	1.5	680	200	30.8	5	9	< 0.5	0.13	< 0.5	< 1	< 2	0.06	< 2	320	< 50	85	0.6	0.1	6	500	< 0.5
1500A	64	< 2	2.0	470	217	27.8	5	9	< 0.5	0.12	< 0.5	< 1	< 2	0.13	< 2	250	< 50	55	0.9	4.8	3	1000	< 0.5
1501A	51	< 2	1.7	850	107	28.1	4	6	< 0.5	0.17	< 0.5	< 1	< 2	0.17	14	360	< 50	57	0.8	0.2	< 2	1100	< 0.5
1502A	29	< 2	1.4	790	97	30.1	12	14	< 0.5	0.12	< 0.5	< 1	< 2	0.12	< 2	330	< 50	82	0.8	0.2	< 2	700	< 0.5
1503A	67	< 2	2.8	500	201	27.3	3	12	< 0.5	0.14	< 0.5	< 1	< 2	0.10	< 2	810	< 50	114	0.6	0.2	5	1400	< 0.5
1504A	87	< 2	1.8	850	198	28.4	8	11	< 0.5	0.14	< 0.5	< 1	< 2	0.15	< 2	380	< 50	144	0.4	0.2	4	1100	0.8
1505A	26	< 2	2.1	710	104	31.1	3	11	< 0.5	0.10	< 0.5	< 1	< 2	0.15	< 2	250	< 50	39	0.4	0.1	< 2	400	< 0.5
1506A	63	< 2	5.5	440	270	30.2	< 1	8	< 0.5	0.14	< 0.5	< 1	< 2	0.07	33	1070	< 50	92	2.1	0.2	4	1000	< 0.5

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Unashed Weight	Ashed Weight	% Ash
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g	g	%
Lower Limit	0.1	0.1	1	50	0.1	3	5	0.1	0.01	0.5	0.05	0.05				
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	INAA	none	none	none
1480S	2.0	< 0.1	< 1	1490	13.4	27	34	1.8	< 0.01	< 0.5	0.71	0.08	0.750	70.6	1.99	2.82
1481S	1.3	< 0.1	< 1	2130	4.9	8	27	0.6	< 0.01	< 0.5	0.19	< 0.05	0.749	71.7	1.75	2.44
1482S	1.0	< 0.1	< 1	2210	4.5	9	30	0.6	< 0.01	< 0.5	0.15	< 0.05	0.734	71.9	1.95	2.71
1483S	0.9	< 0.1	< 1	1640	3.2	6	15	0.4	< 0.01	< 0.5	0.09	< 0.05	0.706	70.6	2.29	3.24
1484S	0.6	< 0.1	< 1	1520	2.9	6	7	0.4	0.05	< 0.5	< 0.05	< 0.05	0.704	70.7	2.39	3.38
1485S	1.4	< 0.1	< 1	1710	5.3	12	11	0.7	0.10	< 0.5	0.42	< 0.05	0.700	70.1	1.89	2.69
1486S	1.5	< 0.1	< 1	1900	5.8	11	10	0.8	< 0.01	< 0.5	0.33	< 0.05	0.605	70.3	1.69	2.41
1487S	1.5	< 0.1	< 1	1650	9.1	18	12	1.3	< 0.01	< 0.5	0.61	0.06	0.504	70.9	1.59	2.24
1488S	2.8	0.3	3	1080	13.2	24	20	1.8	< 0.01	< 0.5	0.65	< 0.05	1.22	71.1	3.64	5.12
1489S	1.5	< 0.1	< 1	1650	8.1	15	24	1.1	< 0.01	< 0.5	0.62	< 0.05	0.645	70.6	1.30	1.84
1490S	1.3	< 0.1	< 1	2090	6.7	14	14	0.9	< 0.01	< 0.5	0.65	< 0.05	0.610	70.6	1.91	2.71
1491S	1.5	< 0.1	< 1	2370	6.6	13	35	1.2	0.03	< 0.5	0.43	0.07	0.526	70.4	1.96	2.78
1492S	1.8	< 0.1	< 1	1950	7.3	14	32	1.3	< 0.01	< 0.5	0.47	0.07	0.699	70.9	1.83	2.58
1493S	1.1	< 0.1	< 1	2180	5.1	10	9	0.9	< 0.01	< 0.5	0.43	< 0.05	0.580	70.5	1.72	2.44
1494S	0.7	< 0.1	< 1	1820	3.6	8	8	0.6	< 0.01	< 0.5	< 0.05	< 0.05	0.623	71.4	1.93	2.70
1495S	1.8	< 0.1	< 1	2510	6.6	12	24	1.2	< 0.01	< 0.5	0.43	< 0.05	0.855	70.9	1.62	2.28
1496S	1.9	0.4	< 1	1600	9.4	19	23	1.6	< 0.01	< 0.5	0.52	< 0.05	0.839	70.2	2.24	3.19
1497S	1.4	< 0.1	< 1	2050	4.9	10	12	0.9	< 0.01	< 0.5	< 0.05	< 0.05	0.687	71.3	1.89	2.65
1498S	1.6	< 0.1	< 1	1510	3.7	7	9	0.6	0.03	< 0.5	0.13	< 0.05	0.655	70.2	2.49	3.55
1499S	1.2	< 0.1	< 1	1910	5.8	11	10	1.0	< 0.01	< 0.5	0.40	< 0.05	0.515	70.2	1.70	2.42
1500S	0.6	< 0.1	< 1	1480	3.0	6	5	0.5	< 0.01	< 0.5	< 0.05	< 0.05	0.650	70.6	2.37	3.36
1501S	1.1	0.6	< 1	2660	4.4	10	17	0.7	< 0.01	< 0.5	0.18	< 0.05	0.570	71.5	1.99	2.78
1502S	1.9	< 0.1	< 1	1570	12.6	22	24	1.3	0.05	< 0.5	0.49	0.06	0.648	70.1	1.79	2.55
1503S	1.5	< 0.1	< 1	1740	7.7	16	14	1.0	0.05	< 0.5	0.45	< 0.05	0.697	70.4	1.85	2.63
1504S	1.9	< 0.1	< 1	1720	7.2	14	27	0.9	< 0.01	< 0.5	0.38	< 0.05	0.569	70.7	2.17	3.07
1505S	0.8	< 0.1	< 1	1980	3.3	8	7	0.4	< 0.01	< 0.5	< 0.05	< 0.05	0.930	71.0	1.78	2.51
1506S	1.1	< 0.1	< 1	3220	5.3	10	23	0.7	< 0.01	< 0.5	0.15	< 0.05	0.659	70.1	1.93	2.75
1480A	0.2	< 0.1	< 1	440	1.3	< 3	8	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.958	70.1	1.01	1.44
1481A	0.6	< 0.1	< 1	1260	1.4	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.891	71.6	1.04	1.45
1482A	0.1	< 0.1	< 1	700	0.9	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.876	70.9	0.880	1.24
1483A	0.5	< 0.1	< 1	700	1.8	4	< 5	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.732	71.0	0.790	1.11
1484A	0.4	< 0.1	< 1	950	0.3	< 3	18	< 0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.748	70.4	0.770	1.09
1485A	< 0.1	< 0.1	< 1	1310	1.5	< 3	8	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.870	70.3	0.860	1.22
1486A	0.1	< 0.1	< 1	1140	0.5	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.865	70.2	0.920	1.31
1487A	< 0.1	< 0.1	< 1	560	4.2	9	< 5	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.669	71.3	0.760	1.07
1488A	0.3	< 0.1	< 1	600	4.7	7	< 5	0.3	< 0.01	< 0.5	< 0.05	< 0.05	0.748	71.0	0.770	1.08
1489A	< 0.1	< 0.1	< 1	590	3.7	5	13	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.950	71.5	0.990	1.39
1490A	0.2	< 0.1	< 1	1320	0.4	< 3	14	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.804	71.1	0.840	1.18
1491A	0.4	< 0.1	< 1	910	2.4	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.725	71.8	0.760	1.06
1492A	0.1	< 0.1	< 1	1220	1.5	< 3	8	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.587	71.1	0.640	0.900

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Unashed Weight	Ashed Weight	% Ash
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g	g	%
Lower Limit	0.1	0.1	1	50	0.1	3	5	0.1	0.01	0.5	0.05	0.05				
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	INAA	none	none	none
1493A	0.3	< 0.1	< 1	1400	0.6	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.755	70.3	0.830	1.18
1494A	0.5	< 0.1	< 1	750	1.4	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.898	70.3	0.960	1.36
1495A	< 0.1	< 0.1	< 1	1530	< 0.1	< 3	22	< 0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.735	71.7	0.810	1.13
1496A	< 0.1	< 0.1	< 1	1010	0.6	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.830	70.9	1.12	1.58
1497A	< 0.1	< 0.1	< 1	1330	1.7	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.789	70.7	0.950	1.34
1498A	< 0.1	< 0.1	< 1	570	1.5	< 3	34	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.711	71.8	0.830	1.16
1499A	0.2	< 0.1	< 1	410	1.9	< 3	10	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.844	70.7	1.09	1.54
1500A	< 0.1	< 0.1	< 1	660	3.0	< 3	25	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.786	70.7	0.870	1.23
1501A	0.3	< 0.1	< 1	810	1.6	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.726	70.2	0.770	1.10
1502A	0.2	< 0.1	< 1	960	2.8	< 3	17	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.838	71.9	0.900	1.25
1503A	0.4	< 0.1	< 1	870	1.1	< 3	32	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.768	72.0	0.790	1.10
1504A	< 0.1	< 0.1	< 1	1220	1.6	< 3	7	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.703	70.2	0.830	1.18
1505A	0.3	< 0.1	< 1	670	1.4	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	1.03	72.6	1.14	1.57
1506A	< 0.1	< 0.1	< 1	860	0.3	< 3	13	< 0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.720	71.3	0.870	1.22

Analyte Symbol	Au	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Na	Ni	Rb	Sb	Sc	Se	Sr	Th	U	Zn	La	Ce
Unit Symbol	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	50	1	0.2	1	1	0.5	0.05	0.5	1	10	50	5	0.1	0.1	2	300	0.1	0.1	50	0.1	3
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A
Ash AU Meas	45	205		4	< 0.2	7	18		0.81			830				1.9			0.6			2.6	
Ash AU Cert	54.0	224		0.200	0.700	7.00	15.0		0.760			700				1.90			0.100			2.20	
NIST 1632D Meas		5.9	< 50	20	< 0.2	4	15	< 0.5	0.71	0.6	< 1	290	< 50	< 5	0.4	2.8	< 2	< 300	1.5	0.5	< 50		12
NIST 1632D Cert		6.20	41.0	18.7	0.150	3.50	14.0	0.590	0.735	0.580	0.0900	300	9.30	8.00	0.461	2.90	1.30	500	1.50	0.510	12.0		12.0

Analyte Symbol	Sm	Eu	Yb	Lu
Unit Symbol	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.01	0.05	0.05
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A
Ash AU Meas	0.5	< 0.01	0.48	0.08
Ash AU Cert	0.400	0.100	0.300	0.0500
NIST 1632D Meas	1.0	0.13		
NIST 1632D Cert	1.10	0.120		



Date Submitted: 17-May-18
Invoice No.: A18-06521
Invoice Date: 29-Jun-18
Your Reference:

Doug Parker
365 Lark St
Thunder Bay ON P7B1P4
Canada

ATTN: Doug Parker

CERTIFICATE OF ANALYSIS

28 Vegetation samples were submitted for analysis.

The following analytical package(s) were requested:

Code 2C Ash Vegetation INAA(INAAGEO)

Code B3-Ash Report Ash Report

REPORT **A18-06521**

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Notes:

Footnote: INAA data may be suppressed due to high concentrations of some analytes.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is stylized with a large, looped 'E' and a long horizontal stroke at the end.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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Results

Activation Laboratories Ltd.

Report: A18-06521

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	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	5	2	0.5	50	1	0.2	1	1	0.5	0.05	0.5	1	2	0.05	2	10	50	5	0.1	0.1	2	300	0.5
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A
1527A	32	< 2	4.7	420	153	26.1	6	17	2.5	0.17	< 0.5	< 1	< 2	0.06	3	400	< 50	281	0.3	0.3	< 2	1300	< 0.5
1528A	19	< 2	3.7	830	78	27.5	13	21	6.3	0.18	< 0.5	< 1	< 2	< 0.05	4	340	140	289	0.3	0.3	< 2	1000	< 0.5
1529A	19	< 2	4.7	1220	94	27.0	23	20	< 0.5	0.14	< 0.5	< 1	< 2	0.24	< 2	600	< 50	249	< 0.1	0.3	< 2	1600	< 0.5
1530A	29	< 2	4.4	780	65	28.8	10	21	< 0.5	0.15	< 0.5	< 1	< 2	0.27	2	370	< 50	220	0.3	0.3	< 2	1100	< 0.5
1531A	27	< 2	1.1	1110	80	28.5	9	20	1.5	0.14	< 0.5	< 1	< 2	0.24	< 2	370	< 50	236	0.2	0.3	< 2	1800	< 0.5
1532A	18	< 2	2.5	590	124	24.9	6	20	< 0.5	0.15	< 0.5	< 1	< 2	0.09	< 2	420	< 50	203	0.1	0.2	< 2	800	< 0.5
1533A	47	< 2	3.3	410	62	28.3	9	13	1.0	0.15	< 0.5	< 1	< 2	0.10	5	530	< 50	187	0.2	0.2	< 2	800	< 0.5
1534A	29	< 2	7.3	610	119	27.6	13	20	< 0.5	0.22	< 0.5	< 1	< 2	0.19	5	2010	< 50	289	0.2	0.4	< 2	1600	< 0.5
1535A	13	< 2	3.4	560	73	29.9	< 1	12	< 0.5	0.18	< 0.5	< 1	< 2	0.14	8	560	< 50	195	0.2	0.2	< 2	900	< 0.5
1536A	18	< 2	2.5	790	52	29.1	3	11	< 0.5	0.10	< 0.5	< 1	< 2	0.11	5	380	< 50	133	0.3	0.2	< 2	900	< 0.5
1537A	29	< 2	3.1	400	109	30.1	4	13	< 0.5	0.07	< 0.5	< 1	< 2	0.20	5	1170	< 50	124	< 0.1	0.2	< 2	1000	< 0.5
1538A	28	< 2	3.9	810	106	25.8	16	8	< 0.5	0.15	< 0.5	< 1	< 2	0.21	< 2	1180	< 50	120	< 0.1	0.2	< 2	1100	< 0.5
1539A	27	< 2	3.7	510	84	25.7	7	10	< 0.5	0.15	< 0.5	< 1	< 2	0.14	28	740	< 50	217	0.1	0.3	< 2	900	< 0.5
1512	28	< 2	43.6	520	7	2.2	25	92	3.0	5.09	5.0	< 1	< 2	< 0.05	< 2	14100	< 50	86	0.3	13.4	< 2	< 300	< 0.5
1513	6	< 2	26.6	650	18	4.3	37	120	5.7	4.58	4.7	< 1	< 2	< 0.05	< 2	13100	< 50	63	0.9	12.9	< 2	700	< 0.5
1514	29	< 2	238	580	10	2.3	25	105	4.0	4.62	5.7	< 1	< 2	< 0.05	< 2	13700	< 50	81	0.6	13.0	< 2	< 300	< 0.5
1515	30	< 2	228	590	19	4.4	26	78	3.7	3.98	5.3	< 1	< 2	< 0.05	< 2	13100	< 50	76	0.8	11.9	< 2	< 300	< 0.5
1516	< 5	< 2	30.7	560	12	4.3	22	103	3.8	4.40	5.4	< 1	< 2	< 0.05	< 2	13900	< 50	85	0.7	12.4	< 2	< 300	< 0.5
1517	63	< 2	309	1050	22	7.9	25	119	4.2	4.27	4.5	< 1	< 2	< 0.05	< 2	10800	< 50	117	1.8	10.4	< 2	< 300	< 0.5
1518	9	< 2	64.7	500	13	3.2	25	379	3.3	4.50	4.2	< 1	< 2	< 0.05	2	11200	< 50	96	1.1	11.2	< 2	< 300	0.6
1519	< 5	< 2	9.2	500	5	2.8	20	97	2.8	4.36	5.0	< 1	< 2	< 0.05	< 2	18400	60	86	0.3	11.9	< 2	< 300	< 0.5
1520	120	< 2	700	530	8	1.4	80	917	5.8	7.24	5.2	< 1	< 2	< 0.05	< 2	10200	420	86	4.3	15.8	< 2	< 300	< 0.5
1521	< 5	< 2	35.2	560	23	6.3	26	81	3.8	4.12	3.2	< 1	< 2	0.16	< 2	15100	< 50	119	0.6	13.6	< 2	< 300	< 0.5
1522	< 5	< 2	11.2	620	16	5.2	25	75	2.4	4.04	4.6	< 1	< 2	< 0.05	< 2	15200	70	98	0.4	12.0	< 2	< 300	< 0.5
1523	< 5	< 2	2.4	490	10	2.7	23	79	1.8	4.83	4.1	< 1	< 2	< 0.05	< 2	16000	< 50	64	0.3	13.3	< 2	< 300	< 0.5
1524	124	< 2	237	330	5	3.0	37	165	1.6	6.42	3.8	< 1	< 2	< 0.05	< 2	14400	< 50	44	0.6	15.9	< 2	< 300	< 0.5
1525	< 5	< 2	4.8	540	10	3.6	26	68	3.7	4.33	4.6	< 1	< 2	< 0.05	< 2	12700	< 50	115	0.6	11.6	< 2	< 300	< 0.5
1526	< 5	< 2	13.6	450	6	3.0	26	92	2.6	4.68	2.8	< 1	< 2	< 0.05	2	20500	< 50	41	0.2	14.6	< 2	< 300	< 0.5

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Unashed Weight	Ashed Weight	% Ash
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	g	g	%
Lower Limit	0.1	0.1	1	50	0.1	3	5	0.1	0.01	0.5	0.05	0.05				
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	INAA	none	none	none
1527A	0.6	< 0.1	< 1	950	1.4	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.517	71.7	1.16	1.62
1528A	0.9	< 0.1	< 1	1000	6.8	7	13	0.4	< 0.01	< 0.5	< 0.05	< 0.05	0.406	71.2	1.15	1.61
1529A	< 0.1	< 0.1	< 1	1610	6.2	6	14	0.4	< 0.01	< 0.5	< 0.05	< 0.05	0.376	71.2	1.08	1.52
1530A	0.3	< 0.1	< 1	1940	2.5	< 3	< 5	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.427	74.6	1.28	1.72
1531A	< 0.1	< 0.1	< 1	900	3.2	< 3	11	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.405	73.4	1.42	1.93
1532A	< 0.1	< 0.1	< 1	1000	1.4	< 3	20	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.455	70.6	1.15	1.63
1533A	0.2	< 0.1	< 1	770	0.6	< 3	9	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.536	73.6	1.35	1.84
1534A	0.3	< 0.1	< 1	600	1.0	< 3	14	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.426	71.1	1.03	1.45
1535A	0.6	< 0.1	< 1	740	0.3	< 3	11	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.460	72.3	1.21	1.67
1536A	< 0.1	< 0.1	< 1	710	0.6	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.511	72.3	1.69	2.34
1537A	0.2	0.4	< 1	570	0.4	< 3	7	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.420	70.9	1.63	2.30
1538A	0.6	< 0.1	< 1	1000	2.2	3	10	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.429	71.7	1.08	1.51
1539A	< 0.1	< 0.1	< 1	1440	0.4	< 3	11	0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.435	72.1	1.10	1.52
1512	4.3	1.6	< 1	120	16.5	32	10	2.4	0.75	< 0.5	1.45	0.17	1.25	71.7	46.2	64.4
1513	5.4	1.4	< 1	360	19.6	41	17	2.8	0.80	< 0.5	1.46	0.17	0.851	70.7	33.4	47.2
1514	6.1	1.5	< 1	160	20.6	41	16	3.2	0.90	< 0.5	1.79	0.24	1.13	70.5	47.8	67.8
1515	5.9	1.5	1	190	20.4	41	19	3.1	0.85	< 0.5	1.65	0.17	1.11	71.0	44.2	62.2
1516	5.3	1.3	< 1	250	17.6	34	15	2.7	0.70	< 0.5	1.66	0.20	1.03	70.2	33.2	47.3
1517	5.2	1.6	3	530	19.6	40	17	2.8	0.60	< 0.5	1.42	0.12	0.833	70.4	25.5	36.2
1518	3.9	1.5	< 1	210	13.8	28	9	2.0	0.70	< 0.5	1.42	0.15	1.17	72.7	33.8	46.6
1519	6.5	1.4	< 1	90	17.9	34	13	2.3	0.65	< 0.5	1.21	0.14	1.85	72.1	55.7	77.2
1520	5.2	1.6	10	230	22.4	48	16	3.0	0.75	< 0.5	1.55	0.29	1.36	74.1	48.0	64.8
1521	5.9	2.3	< 1	120	25.5	45	21	3.8	1.00	< 0.5	1.71	0.20	0.885	72.5	32.4	44.6
1522	4.5	1.7	< 1	150	17.3	33	12	2.5	0.75	< 0.5	1.43	0.16	1.03	73.0	40.3	55.2
1523	3.3	1.0	< 1	110	13.8	27	12	2.3	0.65	< 0.5	1.41	0.18	1.25	72.7	52.0	71.6
1524	3.3	1.0	< 1	150	13.3	27	10	2.3	0.70	< 0.5	1.67	0.16	1.26	72.3	51.8	71.6
1525	5.8	1.5	< 1	140	19.1	41	13	2.6	0.75	< 0.5	1.66	0.20	1.22	70.8	50.2	71.0
1526	4.1	1.4	< 1	50	14.9	34	14	2.3	0.70	< 0.5	1.25	0.16	1.62	73.6	48.4	65.8

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	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	5	2	0.5	50	1	0.2	1	1	0.5	0.05	0.5	1	2	0.05	2	10	50	5	0.1	0.1	2	300	0.5
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A
Ash AU Meas	54		224	< 50	< 1	0.7	7	15		0.76						700			1.6	1.9			
Ash AU Cert	54.0		224	30.0	0.200	0.700	7.00	15.0		0.760						700			1.60	1.90			
Ash AU Meas	39		196	< 50	2	1.0	7	21		0.81						800			0.6	1.9			
Ash AU Cert	54.0		224	30.0	0.200	0.700	7.00	15.0		0.760						700			1.60	1.90			
NIST 1632D Meas			5.9	< 50	20	0.3	4	13	< 0.5	0.70	0.6	< 1				290	< 50	< 5	0.4	2.8	< 2	< 300	
NIST 1632D Cert			6.20	41.0	18.7	0.150	3.50	14.0	0.590	0.735	0.580	0.0900				300	9.30	8.00	0.461	2.90	1.30	500	
Method Blank	< 5	< 2	< 0.5	< 50	< 1	< 0.2	< 1	< 1	< 0.5	< 0.05	< 0.5	< 1	< 2	< 0.05	< 2	< 10	< 50	< 5	< 0.1	< 0.1	< 2	< 300	< 0.5

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.1	1	50	0.1	3	5	0.1	0.01	0.5	0.05	0.05	
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	INAA
Ash AU Meas	0.1		1	< 50	2.2	< 3		0.4	0.10		0.30	0.05	
Ash AU Cert	0.100		1.00	22.0	2.20	2.00		0.400	0.100		0.300	0.0500	
Ash AU Meas			2		2.5	5		0.5	0.10		0.50	0.08	
Ash AU Cert			1.00		2.20	2.00		0.400	0.100		0.300	0.0500	
NIST 1632D Meas	1.4	0.2		< 50		10		0.9	0.20				
NIST 1632D Cert	1.50	0.510		12.0		12.0		1.10	0.120				
Method Blank	< 0.1	< 0.1	< 1	< 50	< 0.1	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.05	< 0.05	1.00



Date Submitted: 06-Jun-18
Invoice No.: A18-07414
Invoice Date: 12-Jul-18
Your Reference:

Doug Parker
365 Lark St
Thunder Bay ON P7B1P4
Canada

ATTN: Doug Parker

CERTIFICATE OF ANALYSIS

43 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A18-07414**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized initial 'E'.

Emmanuel Esemé , Ph.D.
Quality Control

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Results

Activation Laboratories Ltd.

Report: A18-07414

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1078801	176	0.4	< 0.5	129	705	2	134	2	38	1.44	360	< 10	17	< 0.5	< 2	1.55	26	284	3.70	< 10	< 1	0.05	< 10
1078802	> 5000	2.4	< 0.5	68	219	4	36	10	50	0.42	84	< 10	34	< 0.5	< 2	0.18	14	48	2.77	< 10	< 1	0.10	< 10
1078803	6	< 0.2	0.6	56	1710	< 1	697	3	57	2.56	306	< 10	40	< 0.5	< 2	4.58	85	1440	9.12	< 10	2	0.05	< 10
1078804	89	< 0.2	< 0.5	43	2000	< 1	619	5	30	1.52	176	< 10	26	< 0.5	< 2	6.97	76	1070	9.01	< 10	2	< 0.01	< 10
1078805	15	< 0.2	< 0.5	83	1800	< 1	619	< 2	148	4.56	147	< 10	27	< 0.5	< 2	0.77	70	1070	9.07	10	3	< 0.01	< 10
1078806	75	0.4	4.2	85	1200	< 1	490	573	511	3.91	246	< 10	16	< 0.5	< 2	1.28	58	958	7.14	10	2	< 0.01	< 10
1078807	473	< 0.2	< 0.5	19	1260	< 1	763	8	41	2.14	449	< 10	17	< 0.5	< 2	3.20	65	1760	6.42	< 10	< 1	< 0.01	< 10
1078808	68	< 0.2	< 0.5	36	1180	< 1	584	5	31	2.06	425	< 10	21	< 0.5	< 2	3.67	56	1060	5.43	< 10	< 1	0.02	< 10
1078809	71	< 0.2	< 0.5	62	1530	< 1	482	< 2	41	2.64	609	< 10	51	< 0.5	4	3.44	61	711	7.31	< 10	2	0.11	< 10
1078810	846	0.2	< 0.5	120	1880	< 1	267	2	181	1.68	558	< 10	70	< 0.5	3	2.88	53	328	7.66	< 10	2	0.27	< 10
1078811	301	< 0.2	< 0.5	68	1360	< 1	88	< 2	95	2.75	310	< 10	49	< 0.5	< 2	2.73	38	173	8.98	< 10	< 1	0.23	< 10
1078812	133	< 0.2	< 0.5	57	1600	< 1	68	< 2	49	1.14	295	< 10	30	< 0.5	< 2	4.99	29	76	6.54	< 10	1	0.17	< 10
1078813	2050	1.1	< 0.5	234	906	2	79	27	381	1.05	534	< 10	56	< 0.5	< 2	0.13	46	17	7.64	< 10	< 1	0.24	< 10
1078814	713	0.5	< 0.5	141	1140	2	150	5	84	1.40	1250	< 10	56	< 0.5	< 2	3.19	40	173	7.34	< 10	2	0.25	< 10
1078815	233	< 0.2	< 0.5	72	1350	< 1	264	3	90	1.31	1030	< 10	37	< 0.5	< 2	4.15	45	274	6.28	< 10	2	0.14	< 10
1078816	2490	2.5	< 0.5	46	1210	< 1	62	28	90	1.56	514	< 10	83	< 0.5	3	2.50	29	143	6.16	< 10	2	0.24	14
1078817	615	< 0.2	1.0	64	1170	< 1	59	< 2	78	2.05	669	< 10	82	< 0.5	2	2.47	29	144	6.28	< 10	< 1	0.27	13
1078818	139	< 0.2	1.2	91	1120	< 1	66	4	75	2.30	972	< 10	58	< 0.5	< 2	2.24	29	166	6.55	< 10	< 1	0.24	13
1078819	20	< 0.2	< 0.5	77	1220	< 1	64	< 2	75	2.67	230	< 10	79	< 0.5	2	2.82	30	193	6.92	10	2	0.21	14
1078820	334	0.7	< 0.5	74	1310	< 1	57	4	58	1.89	1010	< 10	95	0.5	2	1.41	30	107	6.59	< 10	1	0.38	15
1078821	17	< 0.2	< 0.5	216	1480	< 1	113	< 2	68	2.72	126	< 10	67	< 0.5	< 2	2.80	40	258	7.58	< 10	< 1	0.23	15
1078822	683	0.3	< 0.5	42	982	< 1	56	4	35	1.65	228	< 10	65	< 0.5	< 2	1.50	22	99	4.35	< 10	< 1	0.25	14
1078823	11	< 0.2	0.6	75	1110	< 1	133	4	76	1.69	194	< 10	65	< 0.5	2	3.73	40	270	6.79	< 10	< 1	0.20	14
1078824	32	< 0.2	< 0.5	110	1360	< 1	102	3	79	1.49	144	< 10	104	< 0.5	< 2	3.47	36	152	6.22	< 10	2	0.28	13
1078825	< 5	< 0.2	< 0.5	65	1100	< 1	82	4	94	2.42	49	< 10	82	< 0.5	< 2	3.28	30	232	6.48	10	2	0.18	13
1078826	10	< 0.2	< 0.5	63	1060	< 1	65	< 2	69	2.65	60	< 10	64	< 0.5	< 2	3.64	32	163	6.54	< 10	2	0.19	13
1078827	168	< 0.2	< 0.5	60	1320	< 1	54	5	79	1.33	455	< 10	60	< 0.5	4	1.69	30	83	6.30	< 10	1	0.25	13
1078828	285	< 0.2	< 0.5	67	1290	< 1	57	6	77	1.15	902	< 10	80	< 0.5	< 2	3.03	29	67	6.28	< 10	1	0.35	12
1078829	383	0.2	< 0.5	75	1280	< 1	55	3	71	1.33	1330	< 10	51	< 0.5	3	2.21	29	84	6.04	< 10	< 1	0.23	10
1078830	356	< 0.2	< 0.5	73	1240	< 1	77	< 2	66	2.33	1080	< 10	81	< 0.5	2	3.01	28	203	5.87	< 10	1	0.23	14
1078831	22	< 0.2	< 0.5	95	1260	< 1	85	6	69	2.29	141	< 10	95	< 0.5	4	2.74	34	199	6.73	< 10	2	0.28	13
1078832	17	< 0.2	0.5	85	1110	< 1	101	< 2	87	2.94	367	< 10	90	< 0.5	< 2	2.57	35	300	6.84	10	2	0.18	12
1078833	49	< 0.2	< 0.5	55	1140	< 1	89	< 2	63	2.25	241	< 10	59	< 0.5	< 2	3.45	31	169	6.28	< 10	< 1	0.21	12
1078834	2220	< 0.2	< 0.5	49	1220	< 1	78	5	63	2.49	114	< 10	45	< 0.5	< 2	3.09	30	143	6.25	< 10	2	0.18	14
1078835	2260	0.6	< 0.5	30	637	< 1	38	3	41	1.33	617	< 10	73	< 0.5	< 2	0.65	15	21	2.91	< 10	< 1	0.37	15
1078836	8	< 0.2	< 0.5	80	336	< 1	77	5	132	2.14	56	< 10	10	< 0.5	2	0.05	27	174	14.3	10	3	0.14	< 10
1078837	< 5	< 0.2	< 0.5	60	825	< 1	96	< 2	117	2.61	24	< 10	31	< 0.5	< 2	0.07	21	233	9.20	10	2	0.13	< 10
1078838	101	0.2	< 0.5	70	1090	1	232	5	89	2.37	192	< 10	26	< 0.5	< 2	2.84	41	726	9.85	< 10	< 1	0.10	< 10
1078839	307	< 0.2	< 0.5	43	1190	< 1	516	< 2	39	2.78	615	< 10	12	< 0.5	< 2	2.70	59	1100	6.17	< 10	3	< 0.01	< 10
1078840	71	< 0.2	< 0.5	22	1590	< 1	955	4	23	2.02	344	< 10	18	< 0.5	3	5.84	68	1820	6.72	< 10	1	< 0.01	< 10
1078841	455	1.1	< 0.5	25	1250	< 1	1050	5	16	1.67	764	< 10	20	< 0.5	3	4.68	85	1840	6.01	< 10	< 1	< 0.01	< 10
1078842	498	< 0.2	< 0.5	49	1510	< 1	1610	< 2	31	3.05	812	< 10	39	< 0.5	< 2	1.37	103	2310	8.62	< 10	3	< 0.01	< 10

Results

Activation Laboratories Ltd.

Report: A18-07414

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1078843	53	< 0.2	< 0.5	29	1330	< 1	1060	6	82	1.38	783	< 10	10	< 0.5	3	5.26	84	1570	5.09	< 10	2	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA- GRA
1078801	2.22	0.027	0.005	0.07	5	11	59	< 0.01	< 20	< 1	< 2	< 10	57	< 10	4	3	
1078802	0.21	0.033	0.006	0.02	< 2	3	8	0.02	< 20	1	< 2	< 10	20	< 10	3	7	13.8
1078803	5.51	0.045	0.019	0.02	9	22	61	< 0.01	< 20	< 1	< 2	< 10	100	< 10	6	4	
1078804	8.10	0.023	0.012	0.16	7	10	90	< 0.01	< 20	< 1	< 2	< 10	49	< 10	7	3	
1078805	7.52	0.019	0.022	0.05	6	30	18	0.01	< 20	< 1	< 2	< 10	177	< 10	7	4	
1078806	7.06	0.020	0.089	0.08	6	23	33	< 0.01	< 20	< 1	< 2	< 10	137	< 10	6	3	
1078807	6.93	0.021	0.008	0.22	11	15	146	< 0.01	< 20	< 1	< 2	< 10	85	< 10	3	3	
1078808	5.99	0.023	0.010	0.12	9	16	124	< 0.01	< 20	< 1	< 2	< 10	81	< 10	4	2	
1078809	4.70	0.060	0.015	0.11	8	26	127	< 0.01	< 20	< 1	< 2	< 10	110	< 10	6	4	
1078810	2.33	0.077	0.030	0.64	4	20	67	< 0.01	< 20	< 1	< 2	< 10	68	< 10	7	6	
1078811	2.37	0.120	0.056	0.54	5	24	46	< 0.01	< 20	< 1	< 2	< 10	105	< 10	11	6	
1078812	1.96	0.094	0.036	0.31	3	17	63	< 0.01	< 20	< 1	< 2	< 10	45	< 10	9	3	
1078813	0.08	0.077	0.047	0.12	6	9	11	< 0.01	< 20	< 1	< 2	< 10	20	< 10	9	3	
1078814	1.57	0.057	0.062	1.17	5	15	85	< 0.01	< 20	< 1	< 2	< 10	55	< 10	8	8	
1078815	2.62	0.118	0.078	0.92	6	19	111	< 0.01	< 20	< 1	< 2	< 10	70	< 10	7	3	
1078816	1.80	0.102	0.120	0.29	3	18	99	< 0.01	< 20	1	< 2	< 10	75	< 10	10	2	
1078817	2.20	0.073	0.123	0.18	6	18	80	< 0.01	< 20	< 1	< 2	< 10	98	< 10	10	2	
1078818	2.54	0.073	0.134	0.48	3	19	77	< 0.01	< 20	< 1	< 2	< 10	102	< 10	11	2	
1078819	3.29	0.085	0.130	0.14	3	20	77	< 0.01	< 20	< 1	< 2	< 10	127	< 10	10	2	
1078820	1.47	0.054	0.142	0.49	3	17	58	< 0.01	< 20	1	< 2	< 10	70	< 10	12	3	
1078821	3.22	0.065	0.129	0.11	3	23	124	< 0.01	< 20	< 1	< 2	< 10	111	< 10	12	2	
1078822	1.46	0.081	0.087	0.18	< 2	12	54	< 0.01	< 20	2	< 2	< 10	52	< 10	8	2	
1078823	3.58	0.106	0.114	0.03	5	23	145	< 0.01	< 20	< 1	< 2	< 10	73	< 10	10	2	
1078824	2.36	0.077	0.108	0.19	4	21	122	< 0.01	< 20	< 1	< 2	< 10	60	< 10	10	2	
1078825	3.27	0.069	0.121	0.10	3	21	118	< 0.01	< 20	3	< 2	< 10	113	< 10	10	2	
1078826	3.30	0.120	0.117	0.05	3	21	151	< 0.01	< 20	< 1	< 2	< 10	100	< 10	9	2	
1078827	1.08	0.114	0.133	0.31	2	19	63	< 0.01	< 20	< 1	< 2	< 10	57	< 10	11	2	
1078828	1.57	0.091	0.128	0.44	3	17	107	< 0.01	< 20	< 1	< 2	< 10	45	< 10	11	2	
1078829	1.51	0.090	0.119	0.66	3	18	95	< 0.01	< 20	< 1	< 2	< 10	59	< 10	10	3	
1078830	3.01	0.079	0.110	0.40	3	18	97	< 0.01	< 20	< 1	< 2	< 10	108	< 10	11	2	
1078831	2.67	0.064	0.149	0.41	3	20	109	< 0.01	< 20	< 1	< 2	< 10	91	< 10	11	2	
1078832	3.64	0.076	0.121	0.37	4	23	105	< 0.01	< 20	< 1	< 2	< 10	139	< 10	10	3	
1078833	3.03	0.087	0.143	0.23	5	19	135	< 0.01	< 20	< 1	< 2	< 10	82	< 10	11	2	
1078834	2.92	0.127	0.126	0.27	3	19	107	< 0.01	< 20	< 1	< 2	< 10	87	< 10	11	2	
1078835	0.51	0.095	0.067	0.35	2	5	22	< 0.01	< 20	< 1	< 2	< 10	20	< 10	5	2	
1078836	0.63	0.152	0.027	4.41	6	13	11	< 0.01	< 20	< 1	< 2	< 10	119	< 10	3	9	
1078837	1.17	0.143	0.028	0.44	4	16	10	< 0.01	< 20	< 1	< 2	< 10	149	< 10	3	7	
1078838	3.33	0.076	0.017	1.14	9	22	57	< 0.01	< 20	< 1	< 2	< 10	126	< 10	4	5	
1078839	6.48	0.021	0.013	0.23	8	18	125	< 0.01	< 20	< 1	< 2	< 10	110	< 10	3	3	
1078840	6.98	0.018	0.006	0.07	12	14	202	< 0.01	< 20	< 1	< 2	< 10	55	< 10	3	2	
1078841	6.51	0.020	0.007	0.17	13	12	213	< 0.01	< 20	< 1	< 2	< 10	65	< 10	3	3	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA- GRA
1078842	8.02	0.020	0.033	0.20	17	18	57	< 0.01	< 20	< 1	< 2	< 10	117	< 10	6	4	
1078843	6.48	0.017	0.006	0.22	20	12	156	< 0.01	< 20	< 1	< 2	< 10	48	< 10	4	2	

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		29.8	3.0	1230	777	15	36	687	746	0.38	394	10	256	0.8	1510	0.76	5	7	24.7	< 10	4	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-1 Meas		27.9	2.6	1170	741	15	44	633	723	0.36	366	< 10	256	0.8	1420	0.72	6	6	23.0	< 10	4	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-6 Meas		0.3	< 0.5	61	931	1	23	88	116	7.04	181	< 10	967	0.9	< 2	0.20	12	76	5.35	20	2	1.04	11
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.3	< 0.5	65	942	1	23	85	121	7.00	171	< 10	945	0.9	< 2	0.18	13	78	5.24	20	2	1.04	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6370	441	2	34	10	26	2.05	95		73	7.7	5	0.05	93	28	6.65	< 10		0.91	43
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6480	441	1	38	11	26	2.14	94		73	7.6	< 2	0.05	96	28	6.36	< 10		0.96	42
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2280	736	< 1	35	61	265	3.00	< 2		77	0.8	3	0.42	19	49	5.33	10		0.48	40
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2380	766	< 1	38	55	275	3.14	6		80	0.8	4	0.42	21	51	5.45	< 10		0.51	41
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	0.6	4310	832	< 1	32	81	349	2.98	5		62	0.7	18	0.42	20	45	6.19	< 10		0.41	37
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4650	865	< 1	36	77	356	3.12	8		61	0.7	13	0.42	23	46	6.24	< 10		0.43	38
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 214 Meas	3030																						
OREAS 214 Cert	3030																						
OREAS 216 (Fire Assay) Meas																							
OREAS 216 (Fire																							

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Assay) Cert																							
OREAS 218 Meas	532																						
OREAS 218 Cert	531																						
OREAS 218 Meas	547																						
OREAS 218 Cert	531																						
OREAS 218 Meas	554																						
OREAS 218 Cert	531																						
OREAS 215 (Fire Assay) Meas																							
OREAS 215 (Fire Assay) Cert																							
1078802 Dup																							
1078817 Orig	621																						
1078817 Dup	609																						
1078821 Orig	17																						
1078821 Dup	16																						
1078837 Orig	< 5																						
1078837 Dup	6																						
1078839 Orig		< 0.2	0.5	44	1190	< 1	524	< 2	40	2.77	614	< 10	12	< 0.5	3	2.69	59	1110	6.20	< 10	2	< 0.01	< 10
1078839 Dup		< 0.2	< 0.5	43	1190	< 1	507	< 2	38	2.80	616	< 10	11	< 0.5	< 2	2.71	58	1100	6.14	< 10	3	< 0.01	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank																							
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA- GRA
GXR-1 Meas	0.15	0.057	0.046	0.22	90	1	193	< 0.01	< 20	15	< 2	33	83	153	26	13	
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0	
GXR-1 Meas	0.14	0.054	0.048	0.20	83	1	183	< 0.01	< 20	7	< 2	32	77	124	25	14	
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0	
GXR-6 Meas	0.42	0.113	0.031	0.01	4	21	40	< 20	< 1	< 2	< 10	161	< 10	6	8		
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0	5.30	0.0180	2.20	1.54	186	1.90	14.0	110		
GXR-6 Meas	0.42	0.115	0.032	0.01	3	19	39	< 20	< 1	< 2	< 10	168	< 10	5	8		
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0	5.30	0.0180	2.20	1.54	186	1.90	14.0	110		
OREAS 904 (Aqua Regia) Meas	0.23		0.099	0.05	3	5	19	< 20		< 2	< 10	36		20			
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5	7.56		0.150	5.20	21.7		17.2			
OREAS 904 (Aqua Regia) Meas	0.24		0.102	0.04	5	5	20	< 20		< 2	< 10	38		20			
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5	7.56		0.150	5.20	21.7		17.2			
OREAS 922 (AQUA REGIA) Meas	1.40	0.032	0.061	0.38	3	4	16	< 20		< 2	< 10	39	< 10	22	25		
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0	14.5		0.14	1.98	29.4	1.12	16.0	22.3		
OREAS 922 (AQUA REGIA) Meas	1.47	0.036	0.065	0.38	4	4	17	< 20		< 2	< 10	40	< 10	23	17		
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0	14.5		0.14	1.98	29.4	1.12	16.0	22.3		
OREAS 923 (AQUA REGIA) Meas	1.50		0.059	0.69	3	4	14	< 20		< 2	< 10	37	< 10	21	33		
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6	14.3		0.12	1.80	30.6	1.96	14.3	22.5		
OREAS 923 (AQUA REGIA) Meas	1.56		0.062	0.70	3	4	15	< 20		< 2	< 10	39	< 10	21	27		
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6	14.3		0.12	1.80	30.6	1.96	14.3	22.5		
OREAS 214 Meas																	
OREAS 214 Cert																	
OREAS 216 (Fire Assay) Meas																	6.72

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA- GRA
OREAS 216 (Fire Assay) Cert																	6.66
OREAS 218 Meas																	
OREAS 218 Cert																	
OREAS 218 Meas																	
OREAS 218 Cert																	
OREAS 218 Meas																	
OREAS 218 Cert																	
OREAS 215 (Fire Assay) Meas																	3.56
OREAS 215 (Fire Assay) Cert																	3.54
1078802 Dup																	13.8
1078817 Orig																	
1078817 Dup																	
1078821 Orig																	
1078821 Dup																	
1078837 Orig																	
1078837 Dup																	
1078839 Orig	6.47	0.022	0.013	0.23	9	18	124	< 0.01	< 20	< 1	< 2	< 10	111	< 10	3	3	
1078839 Dup	6.49	0.021	0.013	0.23	8	18	125	< 0.01	< 20	< 1	< 2	< 10	110	< 10	3	2	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																	
Method Blank																	< 0.03
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	



Date Submitted: 13-Jul-18
Invoice No.: A18-09159
Invoice Date: 22-Aug-18
Your Reference:

Doug Parker
365 Lark St
Thunder Bay ON P7B1P4
Canada

ATTN: Doug Parker

CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A18-09159**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1078844	< 5	< 0.2	< 0.5	28	614	< 1	22	6	66	1.81	8	< 10	46	< 0.5	< 2	2.30	13	26	2.95	< 10	< 1	0.16	17
1078845	< 5	< 0.2	< 0.5	38	1210	< 1	333	< 2	76	4.11	22	< 10	24	< 0.5	3	5.37	47	589	6.60	< 10	< 1	0.08	< 10
1078846	< 5	< 0.2	< 0.5	25	715	< 1	18	< 2	54	2.73	< 2	< 10	26	< 0.5	< 2	2.53	13	41	4.40	10	< 1	0.09	16
1078847	195	0.2	< 0.5	61	973	< 1	44	3	69	1.15	303	< 10	91	< 0.5	< 2	5.45	22	61	5.12	< 10	< 1	0.40	< 10
1078848	30	< 0.2	< 0.5	45	797	< 1	39	< 2	40	1.12	103	< 10	79	< 0.5	< 2	5.03	20	59	4.45	< 10	1	0.47	< 10
1078849	< 5	< 0.2	< 0.5	61	1070	< 1	41	< 2	51	2.06	22	< 10	53	< 0.5	< 2	4.15	23	134	5.51	< 10	< 1	0.22	11
1078850	< 5	< 0.2	< 0.5	73	993	1	71	< 2	101	2.93	60	< 10	104	< 0.5	< 2	4.83	28	203	6.00	< 10	< 1	0.33	12
1078851	8	< 0.2	< 0.5	66	1060	< 1	86	5	85	1.76	223	< 10	76	< 0.5	< 2	3.73	33	149	6.27	< 10	< 1	0.33	< 10
1078852	46	< 0.2	< 0.5	27	2620	< 1	904	9	25	0.69	1250	< 10	34	< 0.5	< 2	7.10	77	593	5.42	< 10	1	0.18	< 10
1078853	20	< 0.2	< 0.5	66	1270	1	402	3	162	2.20	676	< 10	54	< 0.5	< 2	2.69	70	287	4.93	< 10	2	0.25	< 10
1078854	763	< 0.2	< 0.5	24	906	< 1	24	< 2	87	0.97	97	< 10	79	< 0.5	< 2	2.22	11	15	2.20	< 10	< 1	0.40	15
1078855	968	< 0.2	< 0.5	31	686	< 1	19	3	74	0.76	1040	< 10	64	< 0.5	< 2	1.54	9	18	2.64	< 10	1	0.35	10
1078856	35	< 0.2	< 0.5	65	1420	< 1	237	< 2	69	1.58	292	< 10	28	< 0.5	< 2	5.69	45	258	5.66	< 10	< 1	0.09	< 10
1078857	2330	0.2	< 0.5	20	988	< 1	61	4	27	1.61	169	< 10	82	< 0.5	< 2	6.17	20	128	4.39	< 10	< 1	0.43	< 10
1078858	185	< 0.2	< 0.5	47	831	< 1	49	6	59	1.21	167	< 10	67	< 0.5	< 2	4.11	22	78	4.67	< 10	< 1	0.31	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1078844	0.97	0.146	0.068	0.22	< 2	4	47	0.08	< 20	< 1	< 2	< 10	45	< 10	6	4
1078845	7.06	0.056	0.043	0.28	6	30	211	< 0.01	< 20	< 1	< 2	< 10	128	< 10	6	4
1078846	1.31	0.132	0.077	0.07	< 2	9	60	0.34	< 20	4	< 2	< 10	110	< 10	6	17
1078847	2.43	0.106	0.118	0.55	< 2	14	274	< 0.01	< 20	< 1	< 2	< 10	43	< 10	9	2
1078848	2.26	0.049	0.147	0.12	3	12	247	< 0.01	< 20	< 1	< 2	< 10	33	< 10	9	1
1078849	3.05	0.087	0.098	0.02	< 2	17	124	< 0.01	< 20	< 1	< 2	< 10	88	< 10	9	2
1078850	3.54	0.146	0.107	0.24	2	16	184	< 0.01	< 20	< 1	< 2	< 10	86	< 10	10	2
1078851	3.17	0.244	0.114	0.70	3	19	117	< 0.01	< 20	< 1	< 2	< 10	64	< 10	10	2
1078852	3.57	0.072	0.012	0.14	9	12	106	< 0.01	< 20	1	< 2	< 10	30	< 10	5	3
1078853	2.51	0.125	0.015	0.40	4	21	72	< 0.01	< 20	< 1	< 2	< 10	75	< 10	5	5
1078854	0.44	0.120	0.099	0.19	< 2	5	47	< 0.01	< 20	< 1	< 2	< 10	14	< 10	6	1
1078855	0.36	0.137	0.051	0.64	2	4	46	< 0.01	< 20	< 1	< 2	< 10	13	< 10	3	6
1078856	3.83	0.119	0.019	0.68	7	28	308	< 0.01	< 20	< 1	< 2	< 10	120	< 10	6	6
1078857	3.17	0.082	0.057	0.18	< 2	13	221	< 0.01	< 20	< 1	< 2	< 10	50	< 10	8	2
1078858	2.39	0.095	0.090	0.13	3	14	155	< 0.01	< 20	< 1	< 2	< 10	44	< 10	7	2

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6730	453	2	39	9	26	2.13	96		78	8.1	5	0.05	85	26	6.92	< 10		0.97	45
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.4	< 0.5	6390	435	3	34	7	25	2.08	93		75	7.7	< 2	0.05	82	25	6.53	< 10		0.95	43
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6640	435	3	36	7	25	2.05	93		74	7.6	3	0.05	95	24	6.55	< 10		0.93	38
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6430	414	2	39	7	25	1.82	90		71	7.3	4	0.05	90	25	6.12	< 10		0.84	39
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6180	400	2	33	7	24	1.83	85		69	6.9	< 2	0.05	87	25	6.13	< 10		0.83	39
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6350	409	2	34	8	25	1.94	89		72	6.9	< 2	0.05	89	26	6.18	< 10		0.88	40
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2290	751	< 1	34	55	267	3.04	5		77	0.8	3	0.44	17	45	5.53	< 10		0.50	41
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2300	748	< 1	33	61	268	3.00	7		69	0.8	10	0.44	17	45	5.38	< 10		0.50	40
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2350	755	< 1	36	53	277	3.06	3		74	0.8	6	0.44	20	44	5.55	< 10		0.49	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922		0.8	< 0.5	2340	735	< 1	35	58	263	2.90	6		77	0.8	7	0.42	19	48	5.24	< 10		0.47	39

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(AQUA REGIA) Meas																							
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2230	695	< 1	32	57	252	2.74	6		73	0.7	9	0.42	18	46	4.95	< 10		0.44	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2270	703	< 1	33	59	260	2.83	3		71	0.7	7	0.42	18	46	5.07	< 10		0.45	38
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4590	861	< 1	32	86	353	3.07	5		39	0.7	20	0.44	20	42	6.23	< 10		0.42	39
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4630	871	< 1	32	79	356	3.12	9		36	0.7	19	0.46	19	43	6.29	< 10		0.44	38
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4660	859	< 1	31	81	354	3.06	8		56	0.7	23	0.45	22	41	6.21	< 10		0.42	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4550	822	< 1	31	78	339	2.83	7		61	0.7	14	0.42	21	43	5.96	< 10		0.39	35
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4420	802	< 1	31	77	336	2.79	7		59	0.7	18	0.42	21	43	5.81	< 10		0.39	35
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA)		4.3	< 0.5	4560	811	< 1	31	81	340	2.84	5		45	0.6	15	0.42	21	43	5.96	< 10		0.39	35

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Meas																							
OREAS 923 (Aqua Regia) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 520 (Aqua Regia) Meas				2920	1910	54	66	3	24	1.47	127			0.5	< 2	3.16	175	37	15.3	10		0.45	68
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0
OREAS 217 (Fire Assay) Meas	334																						
OREAS 217 (Fire Assay) Cert	338																						
Oreas 621 (Aqua Regia) Meas		71.1	304	3900	540	15	31	> 5000	> 10000	1.89	79			0.6	4	1.57	28	37	3.69	10	3	0.39	21
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		71.6	302	3840	542	15	29	> 5000	> 10000	1.93	79			0.6	< 2	1.43	27	33	3.68	10	4	0.39	21
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.1	274	3730	513	14	24	> 5000	> 10000	1.80	76			0.6	3	1.72	29	29	3.50	10	3	0.37	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		65.8	298	3610	498	14	24	> 5000	> 10000	1.71	72			0.6	< 2	1.59	29	30	3.33	< 10	4	0.36	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		66.1	310	3630	498	13	23	> 5000	> 10000	1.70	73			0.6	< 2	1.28	29	29	3.31	< 10	4	0.35	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		65.3	317	3740	500	13	24	> 5000	> 10000	1.76	72			0.6	< 2	1.68	29	33	3.42	< 10	4	0.36	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
1078846 Orig	< 5																						
1078846 Dup	< 5																						
1078855 Orig	951																						
1078855 Dup	985																						
1078856 Orig		< 0.2	< 0.5	64	1420	1	240	< 2	67	1.58	291	< 10	28	< 0.5	4	5.66	45	258	5.63	< 10	< 1	0.09	< 10
1078856 Dup		< 0.2	< 0.5	66	1430	< 1	235	< 2	70	1.59	293	< 10	27	< 0.5	< 2	5.72	45	257	5.70	< 10	< 1	0.10	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas	0.24		0.100	0.05	4	5	21		< 20		< 2	< 10	36		21	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.23		0.095	0.05	3	5	20		< 20		< 2	< 10	36		20	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.23		0.095	0.04	3	5	20		< 20		< 2	< 10	33		20	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.21		0.097	0.05	2	5	18		< 20		< 2	< 10	33		19	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.20		0.093	0.04	4	4	18		< 20		< 2	< 10	32		18	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.21		0.095	0.04	3	5	18		< 20		< 2	< 10	33		19	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 922 (AQUA REGIA) Meas	1.44	0.034	0.063	0.39	< 2	4	17		< 20		< 2	< 10	38	< 10	23	25
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.40	0.033	0.060	0.38	< 2	4	16		< 20		< 2	< 10	38	< 10	22	19
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.42	0.034	0.061	0.37	3	4	17		< 20		< 2	< 10	36	< 10	23	15
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922	1.39	0.033	0.065	0.40	< 2	4	16		< 20		< 2	< 10	38	< 10	22	36

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(AQUA REGIA) Meas																
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.28	0.033	0.061	0.38	2	4	15		< 20		< 2	< 10	35	< 10	20	30
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.30	0.033	0.059	0.39	< 2	4	15		< 20		< 2	< 10	36	< 10	20	18
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.55		0.060	0.71	< 2	4	15		< 20		< 2	< 10	38	< 10	21	32
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.56		0.060	0.71	2	4	15		< 20		< 2	< 10	38	< 10	22	31
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.51		0.059	0.69	3	4	15		< 20		< 2	< 10	35	< 10	21	23
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.47		0.061	0.73	< 2	4	14		< 20		< 2	< 10	36	< 10	20	38
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.39		0.059	0.71	2	4	14		< 20		< 2	< 10	35	< 10	19	37
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA)	1.40		0.058	0.71	< 2	4	14		< 20		< 2	< 10	35	< 10	19	28

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Meas																
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 520 (Aqua Regia) Meas	1.12	0.067	0.067	0.58	6	11	25	0.14	< 20	4	< 2	< 10	233	23	12	32
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 217 (Fire Assay) Meas																
OREAS 217 (Fire Assay) Cert																
Oreas 621 (Aqua Regia) Meas	0.49	0.199	0.032	4.79	131	2	18		< 20		< 2	< 10	14	< 10	8	38
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.49	0.198	0.031	4.59	121	2	17		< 20		< 2	< 10	14	< 10	8	31
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.46	0.192	0.031	4.60	106	3	18		< 20		< 2	< 10	12	< 10	8	52
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.45	0.185	0.033	4.84	127	2	17		< 20		< 2	< 10	13	< 10	8	71
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.179	0.032	4.45	118	2	16		< 20		< 2	< 10	13	< 10	7	67
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.192	0.032	4.69	111	2	16		< 20		< 2	< 10	13	< 10	7	47
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
1078846 Orig																
1078846 Dup																
1078855 Orig																
1078855 Dup																
1078856 Orig	3.81	0.119	0.019	0.68	6	28	297	< 0.01	< 20	< 1	< 2	< 10	120	< 10	6	6
1078856 Dup	3.85	0.119	0.019	0.69	7	28	319	< 0.01	< 20	< 1	< 2	< 10	120	< 10	6	6
Method Blank																
Method Blank																
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.016	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1



Date Submitted: 31-Jul-18
Invoice No.: A18-10127
Invoice Date: 04-Sep-18
Your Reference:

Doug Parker
365 Lark St
Thunder Bay ON P7B1P4
Canada

ATTN: Doug Parker

CERTIFICATE OF ANALYSIS

4 Vegetation samples were submitted for analysis.

The following analytical package(s) were requested: Code 2C Ash Vegetation INAA(INAAGEO)

REPORT **A18-10127**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Footnote: INAA data may be suppressed due to high concentrations of some analytes.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Activation Laboratories Ltd.

Report: A18-10127

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	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	5	2	0.5	50	1	0.2	1	1	0.5	0.05	0.5	1	2	0.05	2	10	50	5	0.1	0.1	2	300	0.5
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A
1528A	27	< 2	5.4	970	103	36.6	14	16	8.1	0.23	< 0.5	< 1	< 2	2.98	< 2	360	200	323	0.4	0.5	< 2	1800	< 0.5
1534A	37	< 2	11.8	680	106	42.8	12	20	< 0.5	0.32	< 0.5	< 1	< 2	3.39	9	2300	< 50	298	0.6	0.8	< 2	1900	< 0.5
1535A	15	< 2	4.8	760	53	43.1	4	17	< 0.5	0.22	< 0.5	< 1	< 2	2.78	13	630	110	216	0.2	0.4	< 2	1300	< 0.5
1538A	31	< 2	5.9	900	100	37.2	14	16	< 0.5	0.17	< 0.5	< 1	< 2	3.13	< 2	1260	< 50	122	0.1	0.3	< 2	1600	< 0.5

Results

Activation Laboratories Ltd.

Report: A18-10127

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.1	1	50	0.1	3	5	0.1	0.01	0.5	0.05	0.05	
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	INAA
1528A	0.3	< 0.1	< 1	1350	11.6	10	< 5	0.5	< 0.01	< 0.5	< 0.05	0.07	0.624
1534A	< 0.1	< 0.1	< 1	800	2.3	< 3	25	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.529
1535A	0.4	< 0.1	< 1	1030	1.1	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.05	< 0.05	0.647
1538A	1.4	< 0.1	< 1	1300	3.2	< 3	< 5	0.2	< 0.01	< 0.5	< 0.05	< 0.05	0.560

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	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	5	2	0.5	50	1	0.2	1	1	0.5	0.05	0.5	1	2	0.05	2	10	50	5	0.1	0.1	2	300	0.5
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A
LKSD-3 Meas	< 5		27.9	710	16		31		2.4	4.17	5.0				< 2			82	1.4	13.5			
LKSD-3 Cert	3.00		27.0	680	16.0		30.0		2.30	4.00	4.80				2.00			78.0	1.30	13.0			
Ash AU Meas	62		275	< 50	4		7	20															
Ash AU Cert	54.0		224	30.0	0.200		7.00	15.0															
Method Blank	< 5	< 2	< 0.5	< 50	1	< 0.2	< 1	< 1	< 0.5	< 0.05	< 0.5	< 1	< 2	1.77	2	20	< 50	< 5	< 0.1	0.1	< 2	< 300	< 0.5

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	0.1	1	50	0.1	3	5	0.1	0.01	0.5	0.05	0.05	
Method Code	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	ASHIN A	INAA
LKSD-3 Meas	11.9				54.3	94	46	7.6	1.57	1.0	2.83	0.42	
LKSD-3 Cert	11.4				52.0	90.0	44.0	8.00	1.50	1.00	2.70	0.400	
Ash AU Meas	0.8		2	60	4.4	6		0.6	0.09		0.68	0.15	
Ash AU Cert	0.100		1.00	22.0	2.20	2.00		0.400	0.100		0.300	0.0500	
Method Blank	< 0.1	< 0.1	< 1	< 50	0.1	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.05	< 0.05	1.00

APPENDIX IV

Sample Descriptions

UTM						Analyte Sym	Au
NAD83						Unit Symbol	ppb
						Detection Lim	5
Samp #	Waypoint	GPS Position	Altitude	Sample Type	Sample Length	Mineralization, intensity, minerals (VG, py, asp, po, cp, gp, Fe-oxide etc.)	FA-AA
1078801	Tr1 0-5m	289640, 5385256		RCG	5m	Graphitic Argillite, Altered Volcanic, Minor Quartz Stringers and Veins, Ankerite, Rusty Fractures	176
1078802	Tr1 5-10m	289638, 5385260		RCG	5m	Graphitic Argillite, Chert, Altered Volcanic, Minor Quartz Stringers and veins, Ankerite, Rusty Fractures	13800
1078803	Tr1 10-15m	289636, 5385265		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Rusty Fractures	6
1078804	Tr1 15-20m	289634, 5385270		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Rusty Fractures	89
1078805	Tr2 0-5m	289701, 5385225		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Ankerite, Rusty Fractures	15
1078806	Tr2 5-10m	289704, 5385230		RCG	5m	Altered Volcanic, minor Graphitic Argillite, Minor Quartz Stringers and veins, Ankerite, minor Pyrite, Rusty Fractures	75
1078807	Tr2 10-15m	289707, 5385235		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Ankerite, 1-2% Pyrite	473
1078808	Tr2 15-20m	289710, 5385239		RCG	5m	Altered Volcanic, Quartz Stringers, Ankerite, 1-2% Pyrite	68
1078809	Tr2 20-26m	289712, 5385244		RCG	6m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, minor Pyrite	71
1078810	Tr2 26-39m	289717, 5385253		RCG	13m	Altered Volcanic, Graphitic Argillite, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 2-3% Pyrite, , Rusty Fractures, Difficult Sampling	846
1078811	Tr2 39-45m	289721, 5385261		RCG	6m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Difficult Sampling	301
1078812	Tr2 45-50m	289722, 5385266		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	133
1078813	Tr2 50-55m	289723, 5385271		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, minor Pyrite, Rusty Fractures, Difficult Sampling	2050
1078814	Tr2 55-62m	289725, 5385276		RCG	7m	Altered Volcanic, Graphitic Argillite, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Rusty Fractures, Difficult Sampling	713
1078815	Tr2 78-82.5m	289727, 5385297		RCG	4.5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Rusty Fractures, Difficult Sampling	233
1078816	Tr2 82.5-90m	289727, 5385304		RCG	7.5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Rusty Fractures	2490
1078817	Tr2 90-95m	289726, 5385309		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Rusty Fractures	615
1078818	Tr2 95-100m	289727, 5385314		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Rusty Fractures	139
1078819	Tr2 100-105	289727, 5385319		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, minor Pyrite	20
1078820	Tr2 105-110	289728, 5385324		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Difficult Sampling	334
1078821	Tr2 110-115	289730, 5385329		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, minor Pyrite, Difficult Sampling	17
1078822	Tr2 115-120	289729, 5385334		RCG	5m	Altered Volcanic, Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	683
1078823	Tr2 120-125	289727, 5385339		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Difficult Sampling	11
1078824	Tr2 125-130	289725, 5385345		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	32
1078825	Tr2 130-135	289728, 5385350		RCG	5m	Altered Volcanic, Strong Ankerite, Fuchsite, 1-2% Pyrite	< 5
1078826	Tr2 135-140	289728, 5385355		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	10
1078827	Tr2 140-145	289727, 5385359		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	168
1078828	Tr2 145-150	289725, 5385364		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	285
1078829	Tr2 150-157	289723, 5385368		RCG	7m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	383
1078830	Tr3 0-5m	289807, 5385311		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	356
1078831	Tr3 5-10m	289809, 5385316		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	22
1078832	Tr3 10-15m	289812, 5385320		RCG	5m	Altered Volcanic, Strong Ankerite, Fuchsite, 1-2% Pyrite	17
1078833	Tr3 15-20m	289815, 5385324		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Rusty Fractures	49
1078834	Tr3 20-25m	289817, 5385329		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, , Rusty Fractures	2220
1078835	Tr3 25-30m	289817, 5385333		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Local Shearing and Rusty Fractures	2260
1078836	Tr4 4-5m	289846, 5385204		RCG	1m	Graphitic Argillite, Volcanic Breccia, Minor Quartz Stringers, Ankerite, 3-5% Pyrite, Rusty Fractures	8
1078837	Tr4 5-10m	289846, 5385207		RCG	5m	Graphitic Argillite, Volcanic Breccia, Minor Quartz Stringers, Ankerite, 3-5% Pyrite, Rusty Fractures	< 5
1078838	Tr4 10-15m	289846, 5385212		RCG	5m	Graphitic Argillite, Chert, Volcanic Breccia, Minor Quartz Stringers, Ankerite, 3-5% Pyrite, Local Shearing, Rusty Fractures	101
1078839	Tr4 15-20m	289846, 5385216		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Local Shearing, Rusty Fractures	307
1078840	Tr4 20-25m	289845, 5385222		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Local Shearing, Rusty Fractures	71
1078841	Tr4 25-30m	289843, 5385226		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Local Shearing, Rusty Fractures	455
1078842	Tr4 30-35m	289842, 5385231		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Local Shearing, Rusty Fractures	498
1078843	Tr4 35-40m	289840, 5385236		RCG	5m	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Weak Shear, Rusty Fractures, Difficult Sampling	53
1078844	1706	16 U 289397 5385644	421 m	Grab		Debris Flow, Minor Quartz Stringers, minor Pyrite, disseminated calcite	< 5
1078845	1707	16 U 289367 5385672	427 m	Grab		Debris Flow, trace Pyrite, Local Shearing	< 5
1078846	1708	16 U 288984 5385731	421 m	Grab		Debris Flow, Minor Quartz Stringers, minor Pyrite, calcite tension gashes, disseminated calcite	< 5
1078847	1709	16 U 289659 5385396	442 m	Grab		Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Fractured	195
1078848	1710	16 U 289612 5385376	442 m	Grab		Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	30
1078849	1711	16 U 289584 5385378	448 m	Grab		Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	< 5
1078850	1712	16 U 289612 5385313	450 m	Grab		Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	< 5
1078851	1713	16 U 289796 5385291	451 m	Grab		Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	8

1078852	1714	16 U 289801 5385288	445 m	Grab	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, 1-2% Pyrite, Local Shearing	46
1078853	1715	16 U 289811 5385301	447 m	Grab	Altered Volcanic, Chert, Minor Quartz Stringers, Strong Ankerite, 1-2% Pyrite	20
1078854	1716	16 U 289844 5385322	449 m	Grab	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, 1-2% Pyrite, Local Shearing	763
1078855	1717	16 U 289842 5385328	446 m	Grab	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, 1-2% Pyrite	968
1078856	1718	16 U 289892 5385344	446 m	Grab	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite, Quartz Breccia	35
1078857	1719	16 U 289783 5385381	449 m	Grab	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	2330
1078858	1720	16 U 289751 5385367	456 m	Grab	Altered Volcanic, Minor Quartz Stringers, Strong Ankerite, Fuchsite, 1-2% Pyrite	185

UTM
NAD83

Analyte Sym Au As
Unit Symbol ppb ppm
Detection Lir 5 0.5

Samp #	Waypoint	GPS Position	Altitude	Sample Type	Analysis Me	ASHINA	ASHINA
1480S	1480	16 U 289296 5385698	424 m	Spruce		58	6.2
1481S	1481	16 U 289299 5385764	418 m	Spruce		34	4.8
1482S	1482	16 U 289293 5385809	423 m	Spruce		32	3.7
1483S	1483	16 U 289335 5385835	432 m	Spruce		22	3.3
1484S	1484	16 U 289376 5385796	426 m	Spruce		20	1.9
1485S	1485	16 U 289409 5385800	425 m	Spruce		19	4.6
1486S	1486	16 U 289405 5385745	428 m	Spruce		29	5.3
1487S	1487	16 U 289391 5385707	430 m	Spruce		30	6.4
1488S	1488	16 U 289431 5385643	422 m	Spruce		18	4.8
1489S	1489	16 U 289498 5385660	426 m	Spruce		18	4.8
1490S	1490	16 U 289497 5385716	425 m	Spruce		37	6.1
1491S	1491	16 U 289510 5385772	420 m	Spruce		22	7.4
1492S	1492	16 U 289559 5385786	427 m	Spruce		20	6.7
1495S	1493	16 U 289600 5385736	429 m	Spruce		21	5.2
1494S	1494	16 U 289643 5385762	424 m	Spruce		15	4.7
1495S	1495	16 U 289596 5385670	422 m	Spruce		35	4.5
1496S	1496	16 U 289613 5385604	424 m	Spruce		38	4.9
1497S	1497	16 U 289193 5385896	427 m	Spruce		37	6.1
1498S	1498	16 U 289212 5385841	426 m	Spruce		18	3.3
1499S	1499	16 U 289102 5385843	422 m	Spruce		17	4.2
1500S	1500	16 U 289099 5385926	427 m	Spruce		16	3
1501S	1501	16 U 288974 5385966	427 m	Spruce		32	4.1
1502S	1502	16 U 288983 5385900	418 m	Spruce		24	4
1503S	1503	16 U 288905 5385912	416 m	Spruce		16	3.3
1504S	1504	16 U 288909 5385972	420 m	Spruce		32	3.4
1505S	1505	16 U 288798 5386014	416 m	Spruce		37	4.2
1506S	1506	16 U 288800 5385956	413 m	Alder		42	3.7
1480A	1480	16 U 289296 5385698	424 m	Alder		54	2.6
1481A	1481	16 U 289299 5385764	418 m	Alder		30	2.1
1482A	1482	16 U 289293 5385809	423 m	Alder		43	1.5
1483A	1483	16 U 289335 5385835	432 m	Alder		70	3.6
1484A	1484	16 U 289376 5385796	426 m	Alder		56	2.8
1485A	1485	16 U 289409 5385800	425 m	Alder		56	2.3
1486A	1486	16 U 289405 5385745	428 m	Alder		43	1.9
1487A	1487	16 U 289391 5385707	430 m	Alder		52	2.1
1488A	1488	16 U 289431 5385643	422 m	Alder		54	4.3
1489A	1489	16 U 289498 5385660	426 m	Alder		33	3.1
1490A	1490	16 U 289497 5385716	425 m	Alder		58	4.8
1491A	1491	16 U 289510 5385772	420 m	Alder		48	4.9
1492A	1492	16 U 289559 5385786	427 m	Alder		44	6.3
1493A	1493	16 U 289600 5385736	429 m	Alder		64	1.7
1494A	1494	16 U 289643 5385762	424 m	Alder		47	1.5

1495A	1495	16 U 289596 5385670	422 m	Alder	64	2.6
1496A	1496	16 U 289613 5385604	424 m	Alder	30	1.8
1497A	1497	16 U 289193 5385896	427 m	Alder	25	2.3
1498A	1498	16 U 289212 5385841	426 m	Alder	97	0.5
1499A	1499	16 U 289102 5385843	422 m	Alder	65	1.5
1500A	1500	16 U 289099 5385926	427 m	Alder	64	2
1501A	1501	16 U 288974 5385966	427 m	Alder	51	1.7
1502A	1502	16 U 288983 5385900	418 m	Alder	29	1.4
1503A	1503	16 U 288905 5385912	416 m	Alder	67	2.8
1504A	1504	16 U 288909 5385972	420 m	Alder	87	1.8
1505A	1505	16 U 288798 5386014	416 m	Alder	26	2.1
1506A	1506	16 U 288800 5385956	413 m	Alder	63	5.5
1527A	1527	16 U 289603 5385282	443 m	Alder	32	4.7
1528A	1528	16 U 289649 5385266	450 m	Alder	19	3.7
1529A	1529	16 U 289691 5385270	445 m	Alder	19	4.7
1530A	1530	16 U 289749 5385282	448 m	Alder	29	4.4
1531A	1531	16 U 289804 5385249	445 m	Alder	27	1.1
1532A	1532	16 U 289846 5385197	440 m	Alder	18	2.5
1533A	1533	16 U 289897 5385225	445 m	Alder	47	3.3
1534A	1534	16 U 289816 5385340	448 m	Alder	29	7.3
1535A	1535	16 U 289817 5385289	449 m	Alder	13	3.4
1536A	1536	16 U 289850 5385266	443 m	Alder	18	2.5
1537A	1537	16 U 289847 5385297	439 m	Alder	29	3.1
1538A	1538	16 U 289895 5385312	438 m	Alder	28	3.9
1539A	1539	16 U 289896 5385270	441 m	Alder	27	3.7
1512	1512	16 U 289603 5385298	446 m	Humus	28	43.6
1513	1513	16 U 289597 5385356	457 m	Humus	6	26.6
1514	1514	16 U 289599 5385404	448 m	Humus	29	238
1515	1515	16 U 289705 5385402	446 m	Humus	30	228
1516	1516	16 U 289703 5385351	449 m	Humus	< 5	30.7
1517	1517	16 U 289708 5385305	450 m	Humus	63	309
1518	1518	16 U 289688 5385246	445 m	Humus	9	64.7
1519	1519	16 U 289802 5385245	445 m	Humus	< 5	9.2
1520	1520	16 U 289803 5385297	445 m	Humus	120	700
1521	1521	16 U 289808 5385353	444 m	Humus	< 5	35.2
1522	1522	16 U 289800 5385399	434 m	Humus	< 5	11.2
1523	1523	16 U 289906 5385395	437 m	Humus	< 5	2.4
1524	1524	16 U 289897 5385344	443 m	Humus	124	237
1525	1525	16 U 289898 5385290	437 m	Humus	< 5	4.8
1526	1526	16 U 289891 5385245	439 m	Humus	< 5	13.6
1528A Reassay					27	5.4
1534A Reassay					37	11.8
1535A Reassay					15	4.8
1538A Reassay					31	5.9

APPENDIX V

OEC Final Submission

FINAL SUBMISSION FORM (Phase I, II and III)
ONTARIO EXPLORATION CORPORATION ASSISTANCE PROGRAM
(OEC)

INSTRUCTIONS: Please read the guidebook before completing form
Please type or print in ink

Submit completed form to:

Ontario Exploration Corporation,
 1100 Memorial Avenue, Suite 364
 Thunder Bay, ON P7B 4A3

To be completed by successful applicant after completion of the project and must be accompanied by: detailed work report(s) and map(s) for the project; recent copies of claim map(s) with area(s) of work outlined; a copy of the Assessment Credit Approval Letter.

Attach your receipts to this form when you have completed it. Submit this form and attached receipts separately from your detailed work reports.

Applicant Name Doug Parker Phase I II III (circle)

File Number 2018-04

Project area (Twp. and claim group name)

Project 4254970+4279848 located in the Dawson Road Lots

Changes to proposed project(s) (if any)

Historic diamond drill core was not examined and sampled.

Beepmat Survey was not undertaken.

I. WORK PERFORMED (Summary of Section IV)

1.	Project area/name <u>Project 4254970+4279848</u>	No. days worked
	Traditional prospecting No. of samples <u>58</u>	<u>4</u>
	Geological surveys Scale _____	_____
	Geophysical surveys Type _____ Miles/km _____	_____
	Geochemical surveys Type <u>humus/alder/spruce</u> # of samples <u>82</u>	<u>5</u>
	Drilling Type _____ Ft./m _____	_____
	Stripping/Trenching Method <u>excavator</u>	<u>7</u>
	Other Type <u>project planning</u>	<u>2</u>
	Other Type <u>data comp, interp and report</u>	<u>8</u>
	Other Type <u>sample description, preparation and shipping</u>	<u>4</u>
TOTAL Days Worked		<u>30</u>

II. EXPENDITURES – (Summary of Section III)

1. Analyses/Assay costs.....		\$ 5198.23
2. Equipment rentals	\$ _____	
.....	\$ _____	\$ _____
3. Consumable Supplies		\$ 78.10
4. Contract services (state type)		
excavator.....	\$ 3846	
.....	\$ _____	
.....	\$ _____	
.....	\$ _____	\$ 3846.00
# of workers ¹ _____ # of man days worked ³ _____		
5. Travel (state method: road, air, etc.)		
road 1910km @\$0.50/km.....	\$ 955	\$ 955.00
.....	\$ _____	\$ _____
6. Food and Accommodation		\$ _____
7. Other expenses (specify)		
.....	\$ _____	
.....	\$ _____	\$ _____
9. Helpers		
# of helpers _____ # of man days worked _____		
TOTAL EXPENDITURES		\$ 10077.33
TOTAL		\$ 25785

Total applied for Assessment Credit must include applicants Time

IV. DAILY ACTIVITY REPORTS (Summarize work activity in Section I)

Day	Name	Date	Work Performed
1	D. Parker	April 25	Project Planning and Prep
2	D. Parker	April 26	Project Planning and Prep
3	D. Parker	May 3	Recon Stripping Targets North of Hwy
4	D. Parker	May 5	Alder and Spruce North of Hwy
5	D. Parker	May 6	Alder and Spruce North of Hwy
6	D. Parker	May 7	Alder and Spruce North of Hwy
7	D. Parker	May 8	Recon Stripping Targets South of Hwy
8	D. Parker	May 9	Sample description, preparation and shipment
9	D. Parker	May 11	Stripping Target Layout
10	D. Parker	May 12	Humus and Alder South of HWY
11	D. Parker	May 13	Humus and Alder South of HWY
12	D. Parker + S Hamer	May 14	Stripping
13	D. Parker + S Hamer	May 15	Stripping
14	D. Parker	May 17	Sample description, preparation and shipment
15	D. Parker	June 4	Trench Sampling
16	D. Parker	June 5	Trench Sampling
17	D. Parker	June 6	Sample description, preparation and shipment
18	D. Parker	July 5	Recon North of Hwy
19	D. Parker	July 13	Recon South of Hwy
20	D. Parker	July 14	Sample description, preparation and shipment
21	D. Parker	July 15	Trench Mapping
22	D. Parker	July 16	Trench Mapping
23	D. Parker	July 31	Data Input and Analysis
24	D. Parker	Aug 3	Data Interp, Maps, Report
25	D. Parker	Aug 13	Data Interp, Maps, Report
26	D. Parker	Aug 14	Data Interp, Maps, Report
27	D. Parker	Aug 22	Data Interp, Maps, Report
28	D. Parker	Aug 23	Data Interp, Maps, Report
29	D. Parker	Sept 2	Data Interp, Maps, Report
30	D. Parker	Sept 10	Data Interp, Maps, Report
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			

(Attach additional sheets as required)

V. SIGNIFICANT RESULTS

Location	New Showings and/or Anomalies	Commodity	Best Analyses
<u>4254970</u>	<u>Humus/rock</u>	<u>Au</u>	<u>124 ppb Humus + 13.8 g/T Rock</u>

Add additional notes if required

VI. CLAIMS STAKED DURING/AFTER PROSPECTING ACTIVITY

Project Area	Claim Numbers	Number of Claim Units
_____	_____	_____

Please outline on claim map

VII. OPTION AGREEMENT RESULTING FROM OEC PROJECT

Optionee	Date	Property/Claims	Work Commitment
_____	_____	_____	_____

The Ontario Exploration Corporation may verify all statements related to and made herein this application.

I hereby declare that:

1. I am the person named in the Application for Funding from the Ontario Exploration Corporation.
2. I have complied with all requirements of the said program.
3. I am stating that all statements and all other information submitted in support of the said submission are true and correct.
4. I have not been an employee of the Ontario Exploration Corporation while in receipt of OEC funding.

Signature of Applicant _____ Date September 12, 2018

Name (print) Douglas P Parker  _____

Personal information collected on this form by OEC and OPA will be held in confidence.
