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Exploration Summary Report for 2021 Fieldwork program of the Electra Property

SEPTEMBER 1ST, 2021 TO SEPTEMBER 12TH 2021

E:294033/N:5375103

HORNE AND CONMEE TOWNSHIPS, ONTARIO, CANADA
NTS 52A/05W
UTM ZONE 16

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ALX RESOURCES CORP.
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NOVEMBER 2022

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APPENDIX 1: 2022 Rock Assays and Sample Descriptions

APPENDIX 2: XRF Results

APPENDIX 3: XRF Calfactors Calibration

APPENDIX 4: Cost Summary

APPENDIX 5: Assay Certificates

APPENDIX 6: Assay QC Certificate

A. PROGRAM OBJECTIVES & SUMMARY

This project memo summarizes the field exploration work completed on the Electra property located near Kakabeka Falls in western Ontario, Canada, by Dahrouge Geological Consulting Ltd. (DGC), on behalf of ALX Resources Corp.

The Electra property is located at 18 km northwest of Kakabeka Falls, Ontario. The Electra property is considered prospective for nickel, copper and gold. Nickel, copper and gold mineralization has been documented on the Electra property through several historical assessment reports, while Dahrouge Geological Consulting conducted historical data compilation in preparation for the 2021 Electra prospecting exploration program.

Objectives on the Electra property included exploring the surface trace of VTEM targets generated by a 2021 Airborne EM survey, expanding the known mineralized showings and exploring historical trenches of interest.

Exploration was conducted by ATV and a series of traverses over surface VTEM targets. Samples taken on the Electra property were focused on Ultramafic, Mafic, and Sedimentary rock types to verify and expand the Ni, Cu and Au mineralization cited in historical reports. Samples taken on the Electra Property were focused around near-surface VTEM target areas. The map in **Error! Reference source not found.** displays the location of the Electra property in relation to Kakabeka Falls, Ontario.

B. INTRODUCTION

The Electra Nickel property ("Electra") straddles the boundary of Horne and Conmee Townships, and is located approximately 35 kilometres west of Thunder Bay, Ontario. The main exploration targets at Electra are ultramafic intrusives and komatiitic basalts carrying anomalous nickel values, and the gold-bearing, hematite-stained polymictic conglomerate unit. Electra is situated on the eastern end of the Shebandowan Greenstone Belt where historically, the primary targets have been gold in shear zones and large disseminated deposition in Timiskaming sediments. The Property is comprised of 211 contiguous mineral dispositions, totaling 4,517 hectares (ha). The work described in this report was completed by Dahrouge Geological Consulting Ltd. The prospecting commenced on September 1 and was completed September 12th, 2021. This report incorporates the results of the prospecting program.

C. Property Description and Location

Electra, formerly known as the Bateman Lake property, covers portions of Horne and Conmee Townships, Thunder Bay Mining Division, NTS 52A/05 W, and is situated approximately 39 kilometres west of Thunder Bay, Ontario (see Figure 1). In December 2020, ALX Resources Corp. acquired an option to earn a 100% interest in Electra from a vendor group, subject to a 2.5% net smelter returns royalty "NSR") that can be reduced to a 1.0% NSR by payment of $1.5 million to the vendors.

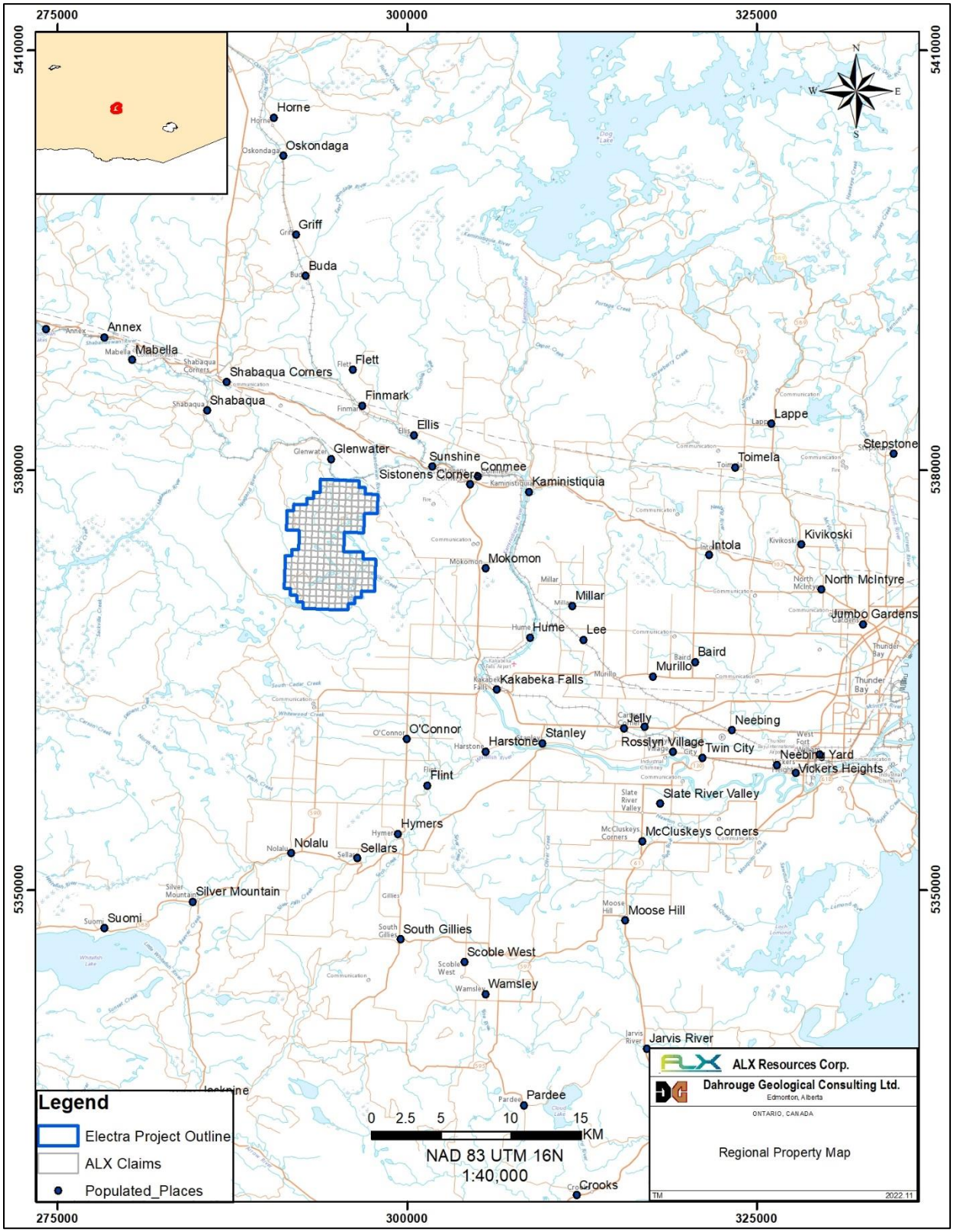

Figure 1. Regional Location Map

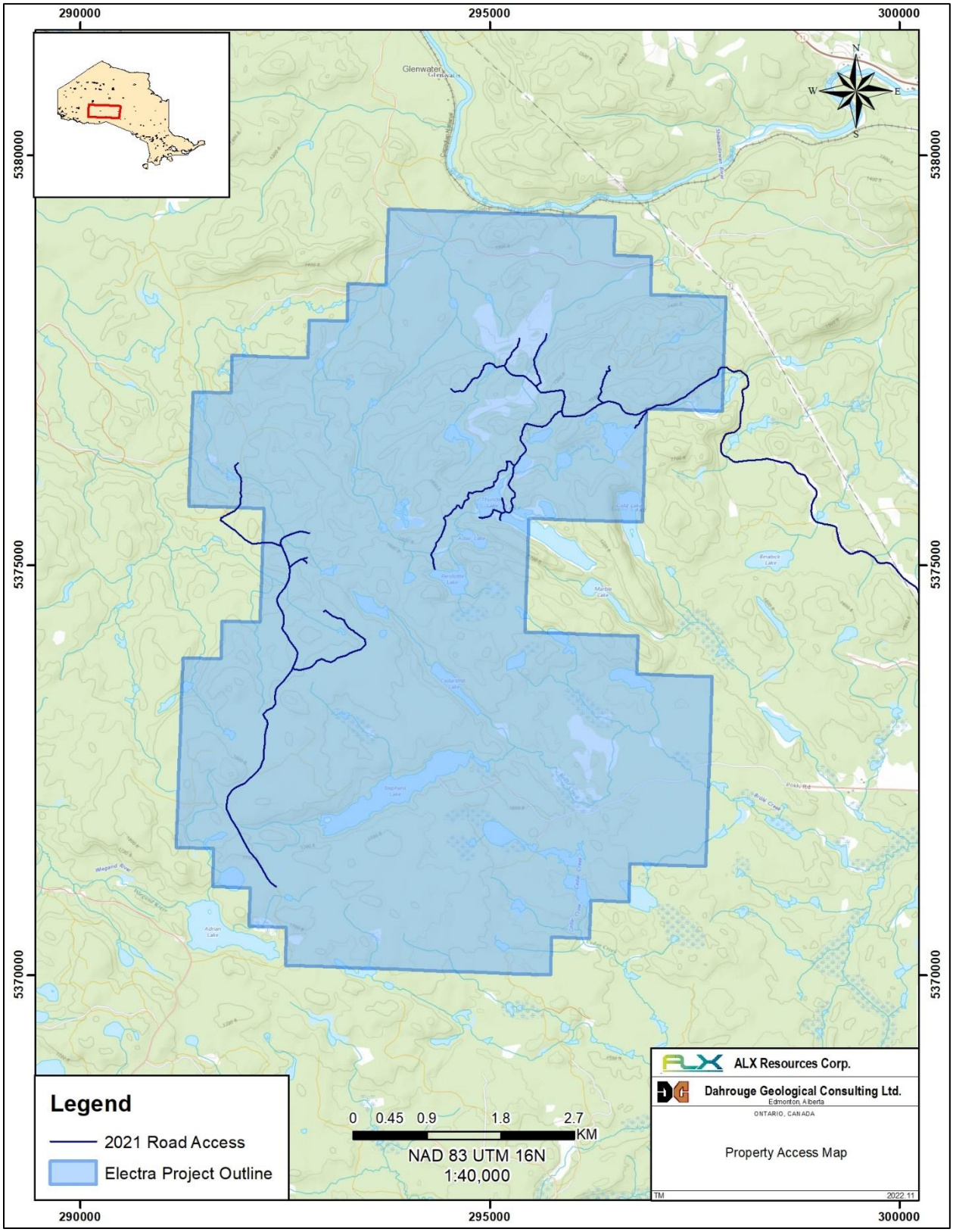

Figure 2. Property Access Map

D. PROPERTY ACCESS, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

Electra is accessed by road from Kakabeka Falls, Ontario along Highway 11/17 west 9.5 kilometres to Mokoman Road. Take Mokoman Road south 5.0 kilometres to Tienhara Road at the power line, then west along an unmaintained gravel road west for 6.0 kilometres to the eastern boundary of the property. Float planes can land on lakes on the property, if necessary.

Access to the claims was available through ATV, as there was limited road access throughout the property. ATV trails, non-maintained and maintained logging roads were accessible near the Electra Property, with access to the property achievable in two locations (Figure 2).

The Electra project area has been previously logged and second growth is well-established, which can cause difficulty traversing some areas of the property. However, old grown-in logging roads have been partially cleaned to obtain better access, and new roads have been constructed by foresters in recent years. The main road north of Bateman Lake provides access into the northern part of the property, and other historical forestry roads and trails provide access by truck, ATV, and foot traffic to most areas of the property.

The local forest is mixed vegetation with poplar, birch and spruce with abundant heavy alders. Topography is high, rolling hills with relief of approximately 100 meters. Steep cliffs are present around Gold Lake and Thunder Lake on the central part of the property.

The Electra project area is subject to a moderate boreal climate, with warm to hot summers and cold winters. Temperatures may vary from 30°C in summer to -35°C in winter. Snow cover is common from November through March.

No major watercourses traverse the property. The closest potential source of electric power is from a northwesterly striking power line a short distance east of the northeastern corner of the property.The mean elevation on the property ranges from 400 metres to 550 metres above sea level. Topographic relief generally varies from 10 to 30 metres. Bedrock outcrop in much of the project area is buried

beneath variable thicknesses of bouldery glacial till, with outcrop exposure varying between zero and approximately 25%.

Drainage in the area is to the south, toward Lake Superior. Numerous swamps, ponds and small lakes occupy topographic depressions.

E. Claims and Land Status

The Electra Property includes 211 claims totaling 4,517 ha spread over one distinct claim block. At the time the work was completed, there were 211 claims totaling 4,517 ha optioned to earn 100% interest ALX.

Table 1. Electra Property Claims

Tenure Number	Anniversary	Holder	Claim Size (ha)
641031	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641032	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641022	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641023	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641024	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641025	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641026	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641027	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641028	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641029	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641030	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641033	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641034	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641035	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641036	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641037	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641038	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641039	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41
641040	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.41

Tenure Number	Anniversary	Holder	Claim Size (ha)
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641042	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641043	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641044	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641045	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641046	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641047	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
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641050	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
641051	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
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641063	2023-03-08 0:00	(100) ALX RESOURCES CORP.	21.42
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663437	2023-06-26 0:00	(100) ALX RESOURCES CORP.	21.42
663438	2023-06-26 0:00	(100) ALX RESOURCES CORP.	21.42
663439	2023-06-26 0:00	(100) ALX RESOURCES CORP.	21.42
663440	2023-06-26 0:00	(100) ALX RESOURCES CORP.	21.42
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Tenure Number	Anniversary	Holder	Claim Size (ha)
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618945	2022-11-13 0:00	(100) HAVEMAN BROTHERS FORESTRY SERVICES LTD.	21.39
618946	2022-11-13 0:00	(100) HAVEMAN BROTHERS FORESTRY SERVICES LTD.	21.39
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Tenure Number	Anniversary	Holder	Claim Size (ha)
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Tenure Number	Anniversary	Holder	Claim Size (ha)
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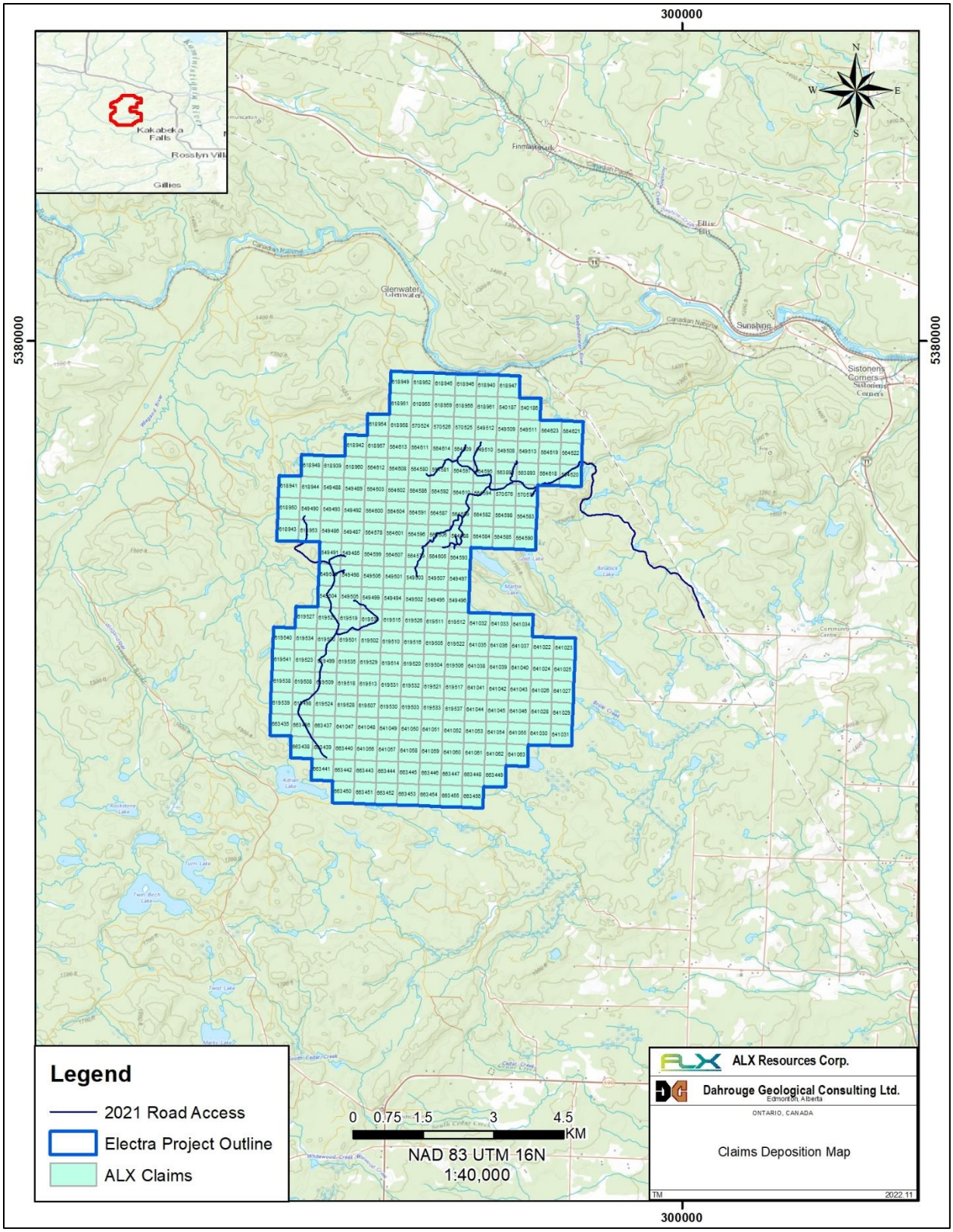

Figure 3. Claims Deposition Map

F. EXPLORATION HISTORY

Information from MNDM assessment files and other sources used for compilation of the property history:

1924: Tanton, T.L., Ontario Dept. of Mines, mapped Conmee Township.

1967: International Nickel Co. of Canada; two (2) diamond drill holes (301m).

1969: Acorn Mining Syndicate; geological & geophysical surveys, three (3) diamond drill holes near Thunder Lake and Gold Lake (367m).

1990: Carter, M.W., Ontario Geological Survey; regional mapping survey .

1990: Ontario Geological Survey; Airborne Electromagnetic Surveys.

1994: Kwiatkowski, R. and Kukkee, E.; OPAP prospecting program (gold discovered on northwest shore of Bateman Lake).

1995: Hemlo Gold Mines Inc. (optioned part of property); geophysics, geology and geochemical survey; one diamond drill hole (154.8m).

1995-1996: Winslow Gold Corp. (optioned part of property); 11 diamond drill holes (1,785.1m).

1996: Avalon Ventures/Bema Gold (optioned part of property); data compilation, line- cutting; ground magnetometer survey, I.P. survey, soil geochemistry survey, prospecting, geological mapping and diamond drill holes (300m).

2002-2003: Valgold Resources (optioned part of property); prospecting and geological mapping.

2006: Kwiatkowski, R.; prospecting.

2007: Sabina Silver Corporation; airborne electromagnetic VTEM survey on adjacent property. Several geophysical conductors were interpreted as trending onto the western edge of the current boundaries of the Electra property, but were not surveyed in their entirety.

2008: Linear Metals Corp.; Completed prospecting, trenching and sampling of the nickel, cobalt mineralization located on the property.

2011: Denari Resources Corp.; A series of samples were taken from historical trenches. The sampling program focused brushing out the trenches and verifying the anomalous gold mineralization indicated in channeling sampling.

2011: Double Crown Resources; A series of samples were taken from various outcrops, and a baseline lake bottom sampling program was completed.

2016: Hinz, S.L.K; Mapping survey carried out for Masters thesis, Lakehead University, Thunder Bay, Ontario.

2021: ALX Resources Corp.; A comprehenseive Time Domain Electromagnetic (VTEM Plus) survey was completed over property.

G. GEOLOGICAL SETTING

The following section has been modified from Electra Property, Report on a Helicoptert-Borne Versatile Time Domain Electromagnetic (VTEM Plus) and Horizontal Magnetic Gradiometer Geophysical Survey, 2021. Horne & Conmee Twps., Ontario Thunder Bay Mining Division. (McCallum, 2021).

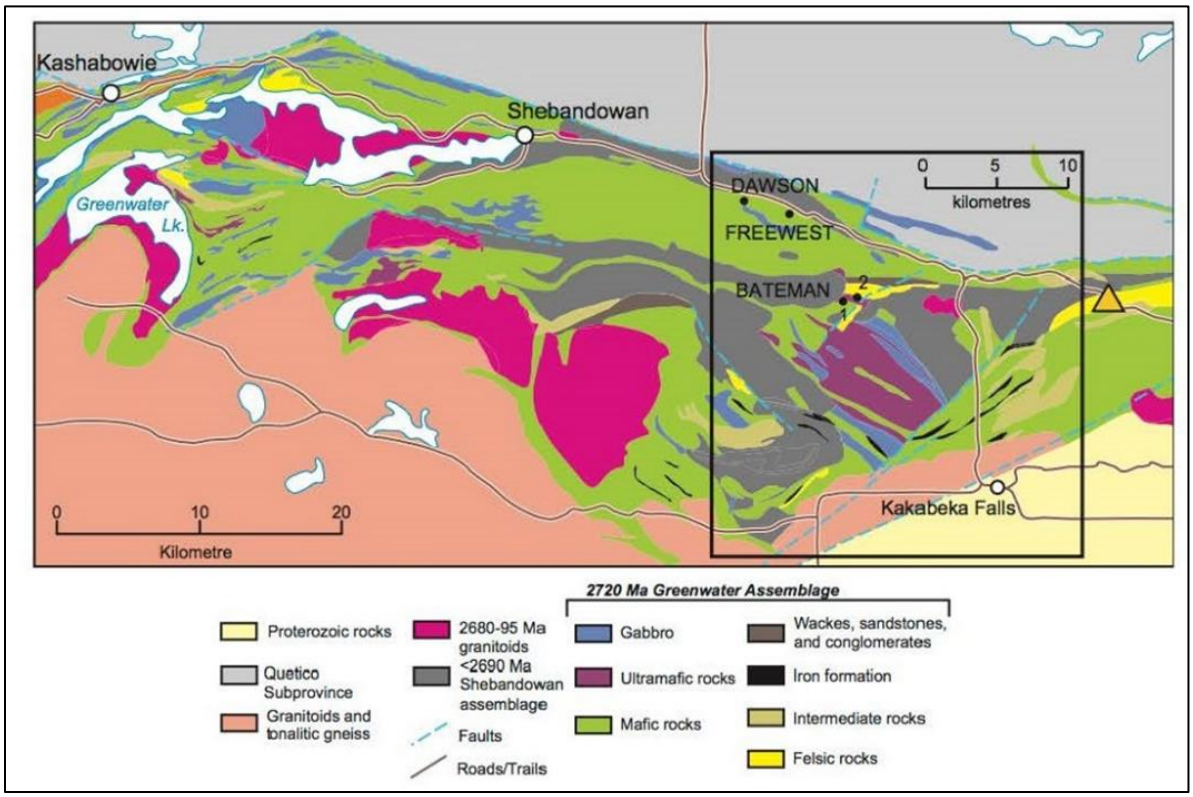

Figure 4. Regional geology of the Shebandowan Greenstone Belt (from Hinz, S.; 2018).

Electra is located at the east end of the Shebandowan Greenstone Belt of the Abitibi Sub-province (known locally and informally as the "Matawin Gold Belt"). This greenstone belt is comprised of late Archean rocks of the Keewatin-type sequence of the Greenwater Assemblage. These rocks include sub-alkalic to alkali metavolcanics with interlayered metasediments, granitic to dioritic intrusive rocks, gabbroic to ultramafic intrusive rocks, and "Timiskaming-type" elastic sediments and metavolcanics. Late-stage diabase and lamprophyre intrusive rocks are Archean to Proterozoic in age. The belt strikes to the northwest with a near vertical dip to the northeast. The regional grade of metamorphism is lower greenschist facies, with lower grade amphibole facies proximal to intrusions.

The Electra property is underlain in the north by "Timiskaming-type" elastic sediments intercalated with ultramafic to felsic metavolcanics. Ultramafics show some spinifex texture and are locally serpentinized and pillowed. Ultramafic (peridotite) to gabbroic intrusives intrude into southern portions of the property and are related to magnetic highs. The belt strikes to the northwest with a near vertical dip to the northeast. The regional grade of metamorphism is lower greenschist facies with lower grade amphibole facies proximal to intrusions.

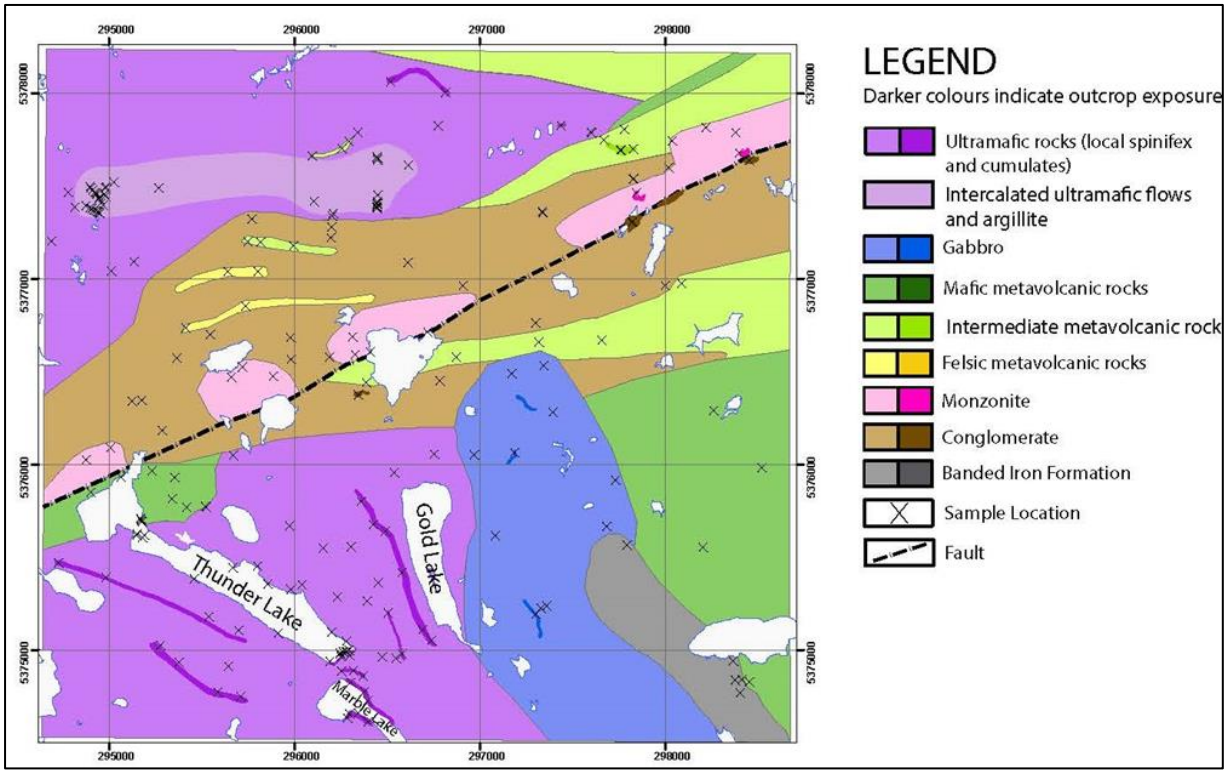

Figure 5. Local Geology at Electra (from Hinz, S., 2018)

The property is underlain in the north by Timiskaming clastic sediments intercalated with ultramafic to felsic metavolcanics. Ultramafics show some spinifex texture and are locally serpentinized and pillowed Ultramafic (peridotite) to gabbroic intrusives intrude into the central and southern portions of the property and are related to magnetic highs. A major northwest trending fault called the Thunder Lake Fault displaces the Keewatin basement assemblage.

H. DEPOSIT TYPES

Regional Mafic Intrusion Hosted Base Metal Deposit Model (adapted from "Discover Prospecting - An Introductory Prospecting Manual", Parker, J.R., 1992, revised in 2004 and 2007 by Parker, D. P. and D'Silva, B.V.).

Electra hosts a geological environment that is similar to many Ni-Cu-Co + PGE mining camps. A well-defined model of magmatic sulphide deposits has been developed that has application to this area.

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 35 kilometres to the west. A significant Chromium resource was also outlined at the Shebandowan Mine.

H.1.1 Regional Volcanic Hosted Base Metal Deposit Model

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. 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. 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 10 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. VMS 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 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 VMS deposits, which 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. VMS deposits are found at the Vanguard Property 90 kilometres to the west and were mined at the Coldstream Mine 65 kilometres to the west.

H.1.2 Gold Mineralization Model

The Shebandowan area also 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 35 kilometres and the Tower Property, which is contiguous to northeastern part of the Electra property.

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. 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 (SiO2) 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, e.g., the Dome Mine in Timmins has produced gold for over 100 years.

I. MINERALIZATION

Although no economic values of nickel-copper-cobalt mineralization have been encountered to date in the few holes drilled within the current boundaries of the Electra property, there are examples of significant mineral occurrences in the area. The past-producing Shebandowan Mine, operated by Inco Ltd. from 1972 until 1998, is located approximately 35 kilometres to the northwest of Electra. Production consisted of 9.29 million tons grading 1.75% nickel, 0.88% copper, 0.063% cobalt and 1.85 grams/tonne PGE.

Prospecting by Russel Kwiatkowski and other sampling work at Electra has located nickel in outcrop northwest of Bateman Lake as high as 9,482 ppm (Double Crown Resources, 2011, Sample B-1).

In 1996, well-mineralized, glacially-transported boulders were found by prospectors to the southwest of Electra. Some of these are noted in the table below which is taken from Bottrill, 2003.

Table 2. Summary of Significant Float Discoveries, Shebandowan Area

Sample	Cu %	Zn %	Pb %	Au g/t	Ag g/t	Description
Stares Boulder Field. Original discovery 1996	0.4	10.5	0.9	3.27	179	Stares (Cumberland-A), 3 tonne, sphalerite, average of samples by Kennecott, Cominco, OGS, etc.
Additional samples in surrounding area	0.3	26		3.54	127	Cumblerland-B, 1996
	0.2	4.32				Cumberland-E, 1996
	0.2	6.48		0.15	12	50 lb. crumbly, highly magnetic (2002 - 55704)
		6.33		0.31	10	Crumbly, magnetic (2002 - 55705)
	0.5	34.3		2.95	88	Massive Zn (2002 – 55706)
	0.1	2.7	0.8	0.47	88	Looks like Boomer boulder, 5 – 60% pyrite, galena (2002 – 55707)
	0.2	2.63		0.1	14	Crumbly, highly magnetic (2002 – 55708)
		8.27		0.06	23	(2002 – 4070)
Calvert – Boomer Area. Float discovered in 2000	0.2	18.6	0.7	1.76	93	Calvert – 15 tonne; average of various analyses
	0.6	0.38		2.19	56	Boomer – 10 tonne, mostly pyrite

J. 2022 Prospecting Summary

One crew of two geologists (Table 3) spent 12 days prospecting the Electra property focussing efforts on near-surface VTEM targets and historical showings (**Error! Reference source not found.**). Eighty-Two (82) rock grab samples were taken throughout the property focusing on potential Ni-Cu and Au mineralization (see sample descriptions in Appendix 1 attached to report). Multiple samples were taken from interpreted Ultramafic to mafic outcrops, with trace to ~6% dissemenated pyrite. An overview of the VTEM prospecting and analytical results is below.

Table 3. Dahrouge Staff

Name	Title	Days on Project
Taylor McPherson	Exploration Geologist	12
Jordan Pearson	Exploration Geologist	12

Handheld Garmin GPSMap 64s, and Samsung work tablets were used to aid navigation, record waypoint, sample, and track information. Equipment used included Estwing rock hammers, chisels, scribes, hand lenses (10x and 20x).

Below is a table is the samples taken with the corresponding claims.

Table 4. Claims with Corresponding Samples

Claim #	# of Samples	Date Sampled
549486	2	2021-09-08
549487	1	2021-09-09
549491	3	2021-09-09
549492	1	2021-09-09
549499	1	2021-09-06
549500	11	2021-09-06
549504	4	2021-09-10
549505	4	2021-09-06
549509	2	2021-09-02

Claim #	# of Samples	Date Sampled
549510	1	2021-09-02
549511	6	2021-09-02
549513	1	2021-09-03
564579	1	2021-09-06
564581	9	2021-09-03
564588	5	2021-09-04
564592	2	2021-09-03
564600	4	2021-09-09
564601	1	2021-09-10
564605	3	2021-09-05
564606	2	2021-09-10
564609	5	2021-09-05
570525	2	2021-09-05
618953	1	2021-09-02
619501	2	2021-09-04
619519	3	2021-09-08
619536	5	2021-09-10

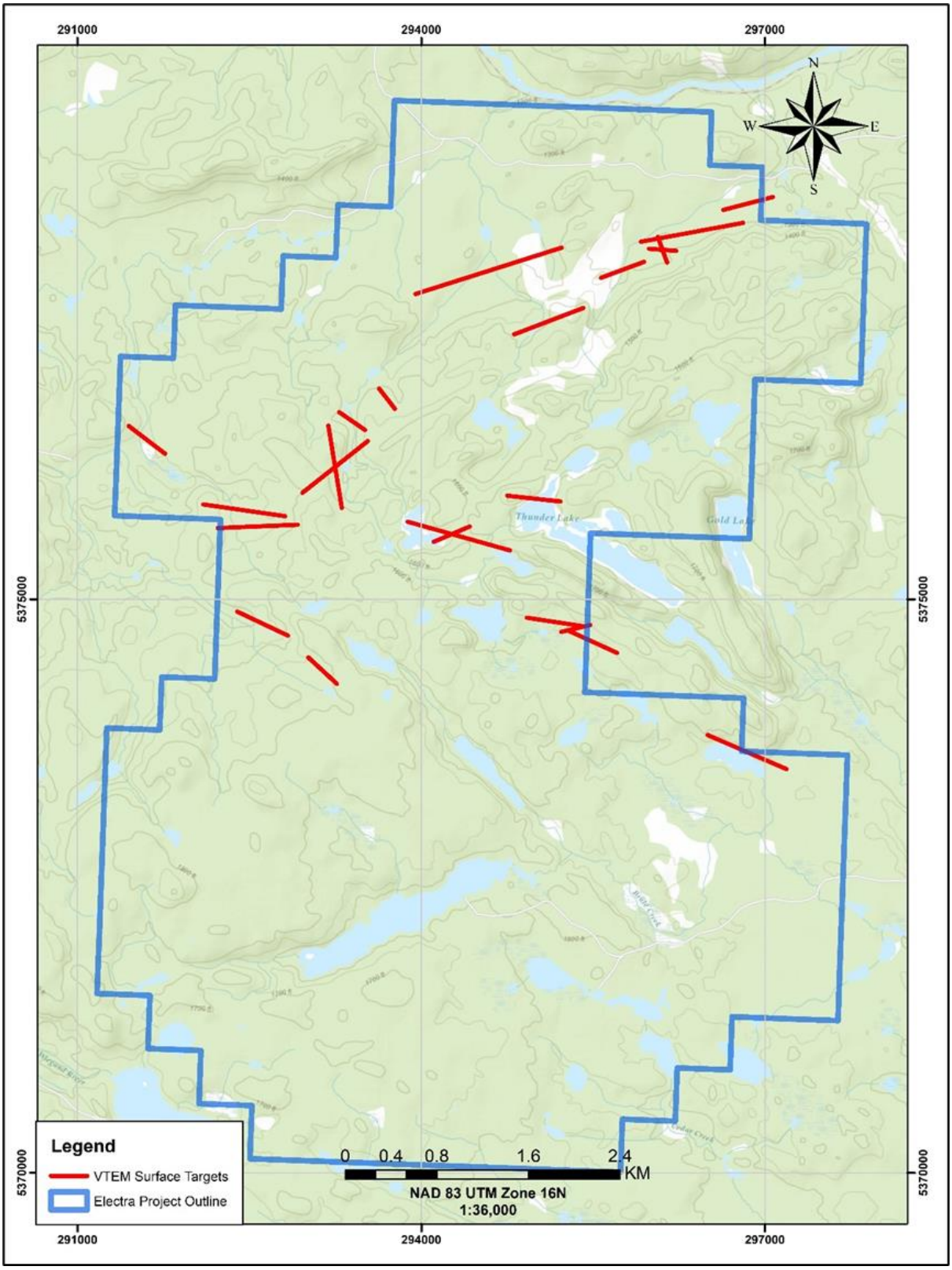

Figure 6. VTEM Near-surface Targets

J.1 Overview VTEM prospecting

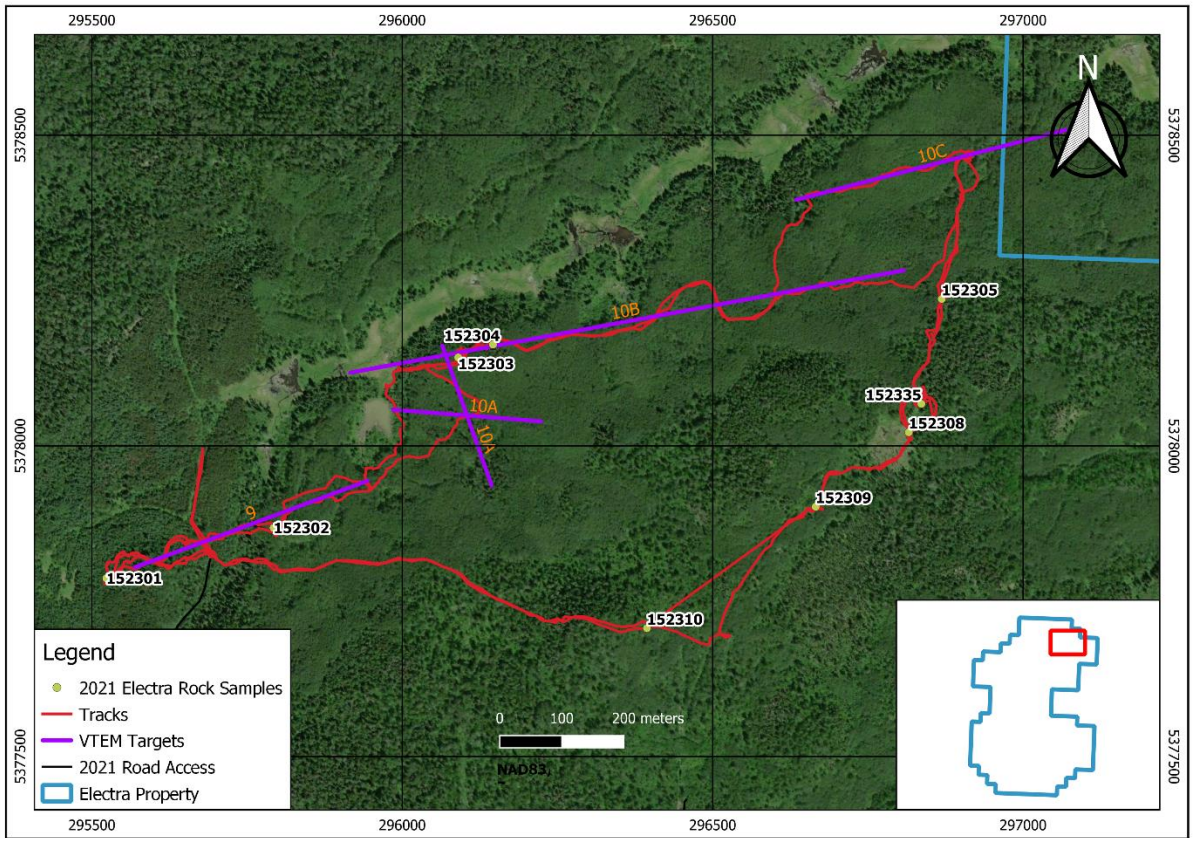

Figure 7. Traverse and samples taken from near-surface EM targets.

EM Target "9"

- Two samples taken (152301 and 152302)
- West side of conductor was along the edge of a ridge. The ridge was mostly boulders, but some Intermediate Volcanics were found on the top
- The NE side of the target was mostly low lying with little outcrop

EM Target "10 A"

- No samples were taken
- Location was low lying with no outcrop

EM Target "10 B"

- Samples 152304 (Volcanoclastic) and 152303 (Qtz vein)
- West side of target had a couple outcrop showings that where sampled
- The East side of the target was in a low lying area, possible clear cut with no visible outcrop

EM Target "10 C"

- No samples were taken

- Location was low lying with no outcrop

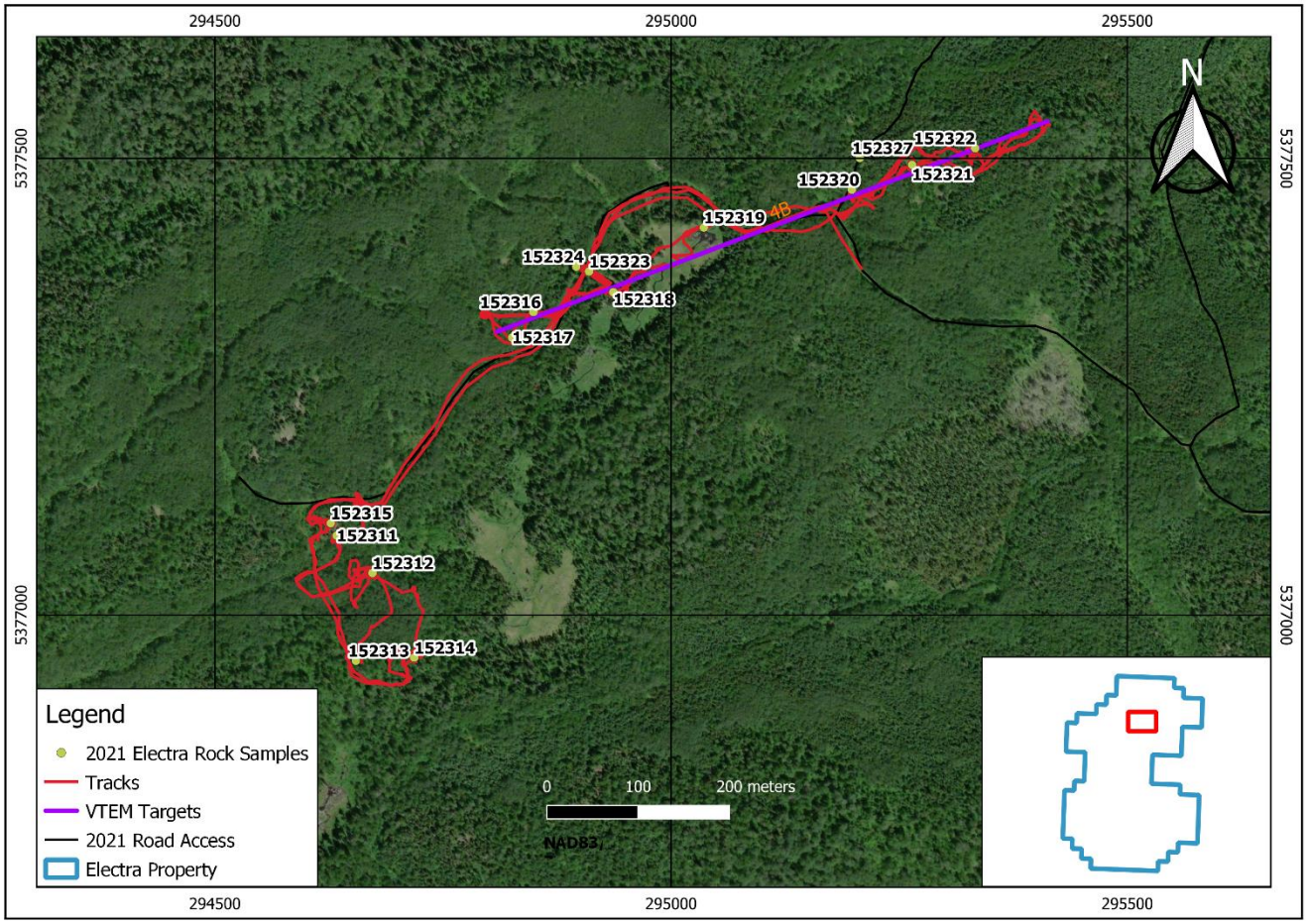

Figure 8. Traverse and samples taken from near-surface EM targets.

EM Target "4 B"

- Several samples were taken along the EM target
- Samples 152318 and 152319 were an Argillic Chert/Graphite, that may have been the cause of the EM anomaly
- Two trench samples were taken (152323 and 152324) with ~5% on avg disseminated (py-cpy)
- Multiple outcrops were visible and sampled along the EM target

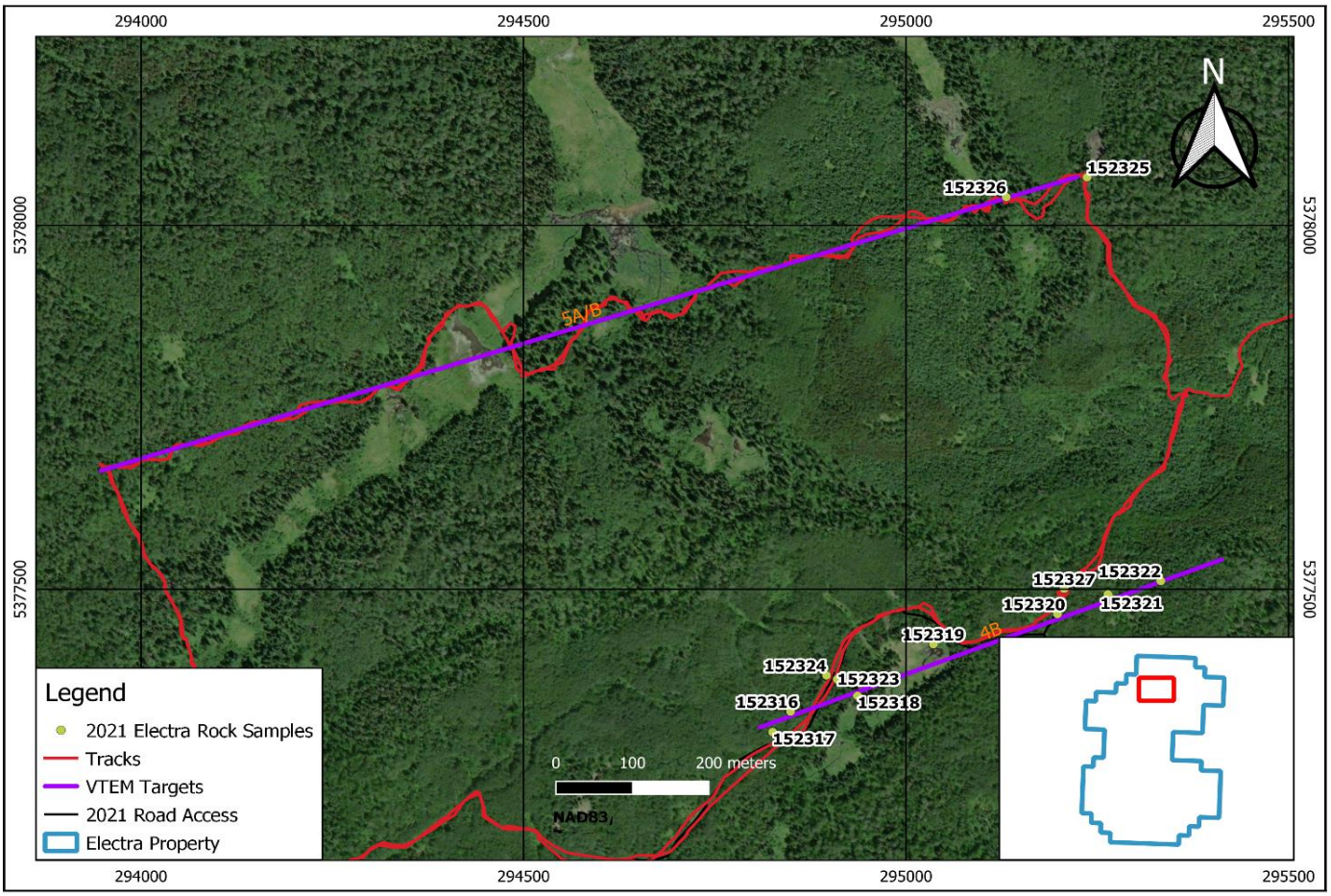

Figure 9. Traverse and samples taken from near-surface EM targets.

EM Target "5 A/B"

- Two samples were taken along the EM target
- Samples 152325 and 152326. Sample 152326 was an Argillic Chert/Graphite, that may have been the cause of the EM anomaly
- Most eastern side of the target had visible outcrop, but the rest was barren and in a low lying area with dense foliage

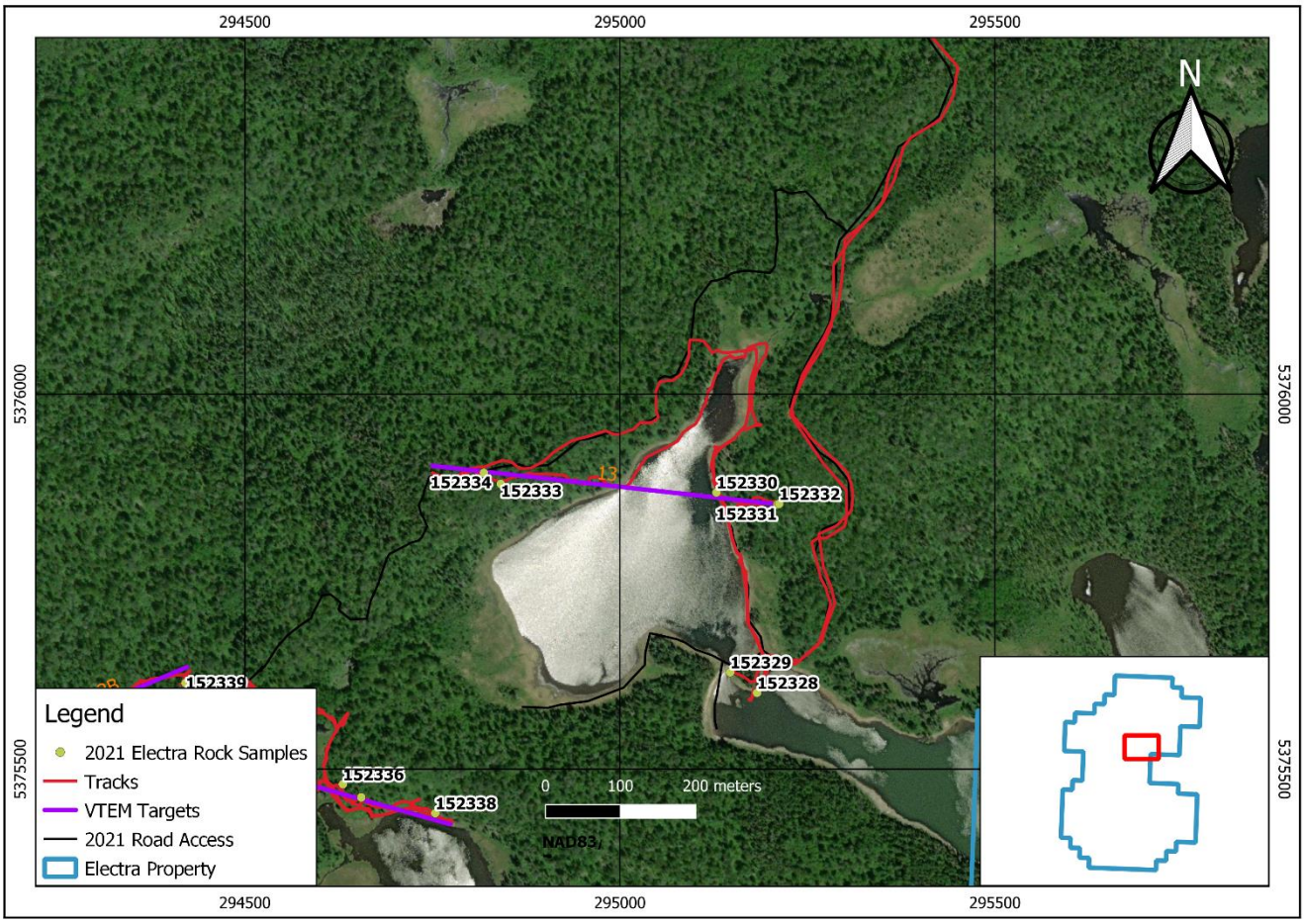

Figure 10. Traverse and samples taken from near-surface EM targets.

EM Target "13"

- Six samples were taken along the EM target, including pillow basalt, komatiite and Ultra Mafic
- Sample to note is 152335. This sample contained ~5%, ~2mm euhedral magnetite grains. This potentially could be a reason for the EM target anomaly

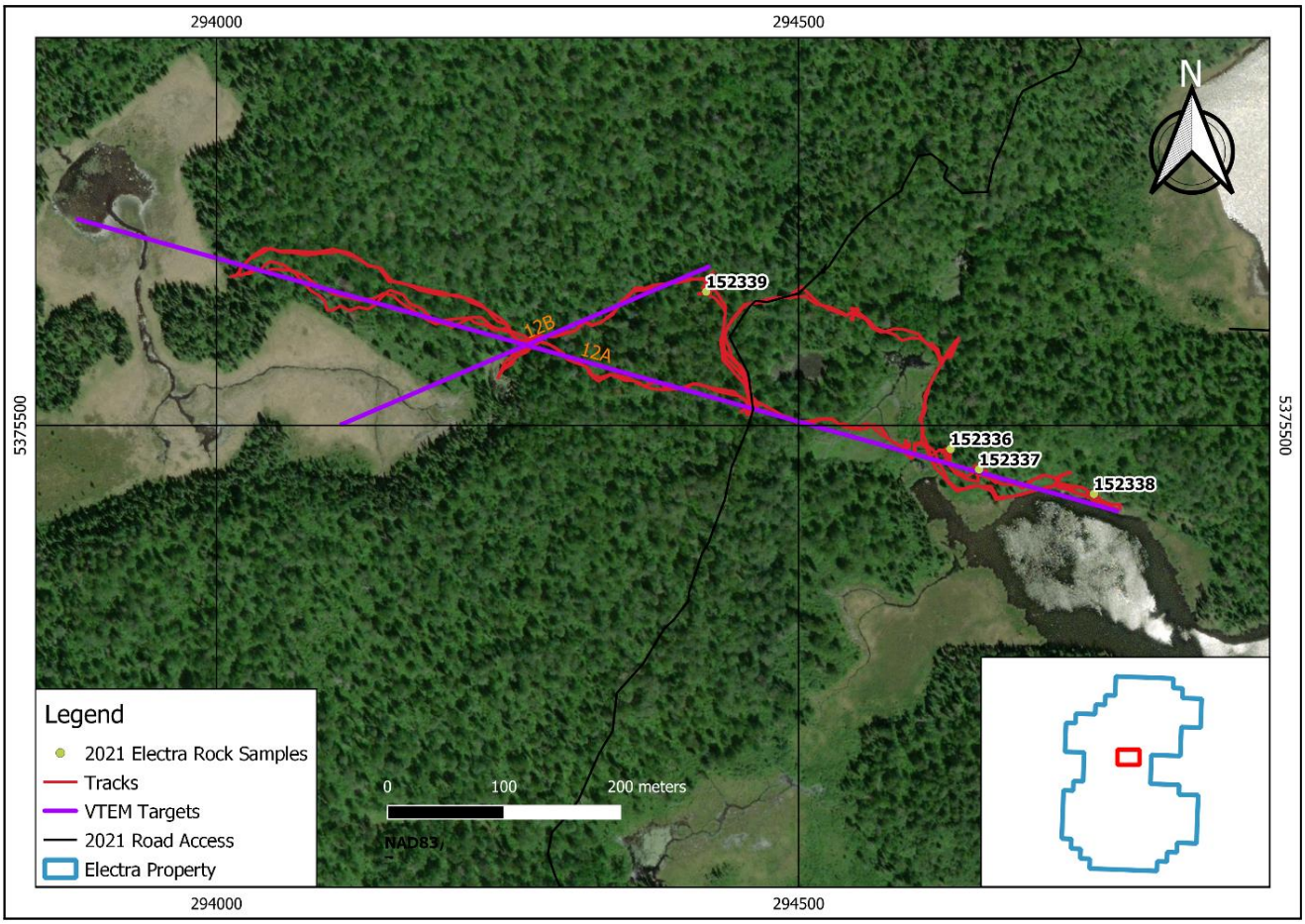

Figure 11. Traverse and samples taken from near-surface EM targets.

EM Target "12 A/B"

- Four samples were taken along the EM target, including peridotite, gabbro and intermediate volcanics
- Sample to note is 152338. This sample contained on avg ~2% disseminated Po and locally ~5%
- The eastern side of the EM target was barren for outcrop and had portions of the EM target that were in swamps

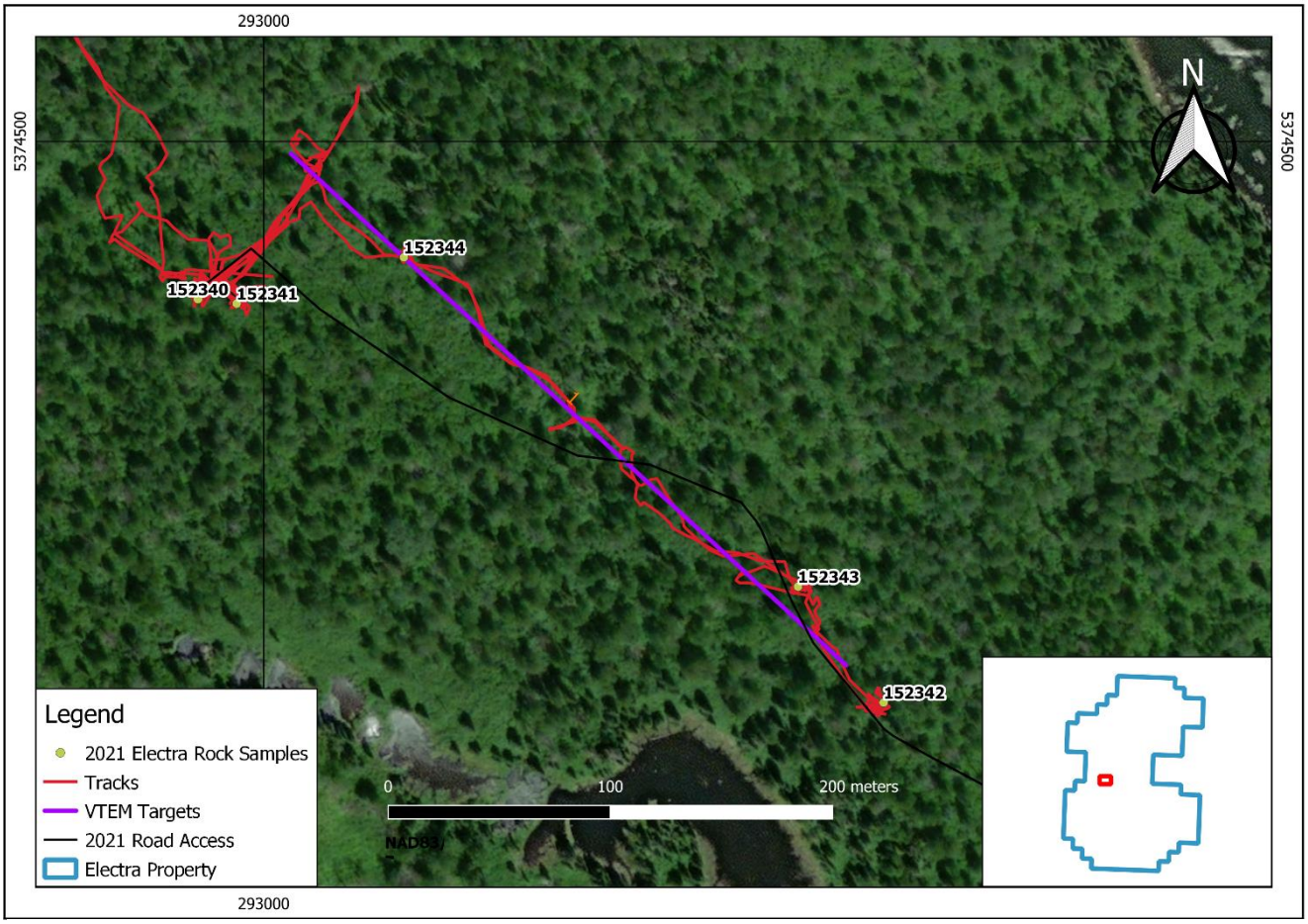

Figure 12. Traverse and samples taken from near-surface EM targets.

EM Target "1"

- Five samples were taken along the EM target, including UM, and argillite/chert
- Samples to note is 152340 which was taken along a fault line and sample 152342 and 152343 which both had notable sulphides in fine grained ultramafic rock
- The EM target had several good showings along the road for outcrop, including a large fault zone in the Ultra Mafic rock were sample 152340 was taken

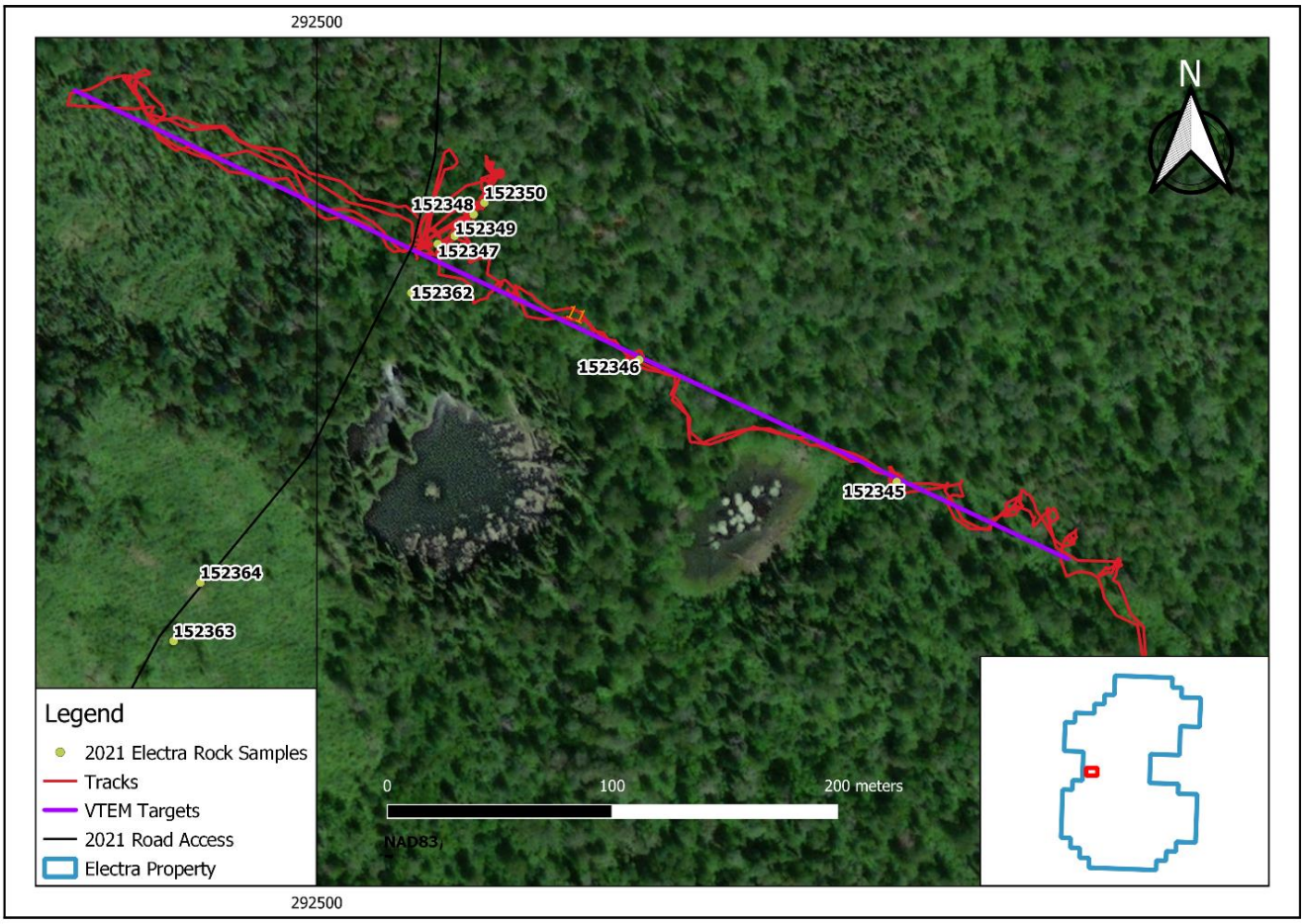

Figure 13. Traverse and samples taken from near-surface EM targets.

EM Target "11"

- Six samples were taken along the EM target, including UM, Mafic Volcanics and argillite/chert
- Samples to note is 152348. This sample contained on avg ~5%, ~10% Locally pyrite and sample 152348 which had ~7% locally ~20% disseminated pyrite
- The EM target had several good showings along the road for outcrop, including a lithological sequence in rock type that were similar to the sequences seen at the trench near Russell's showing

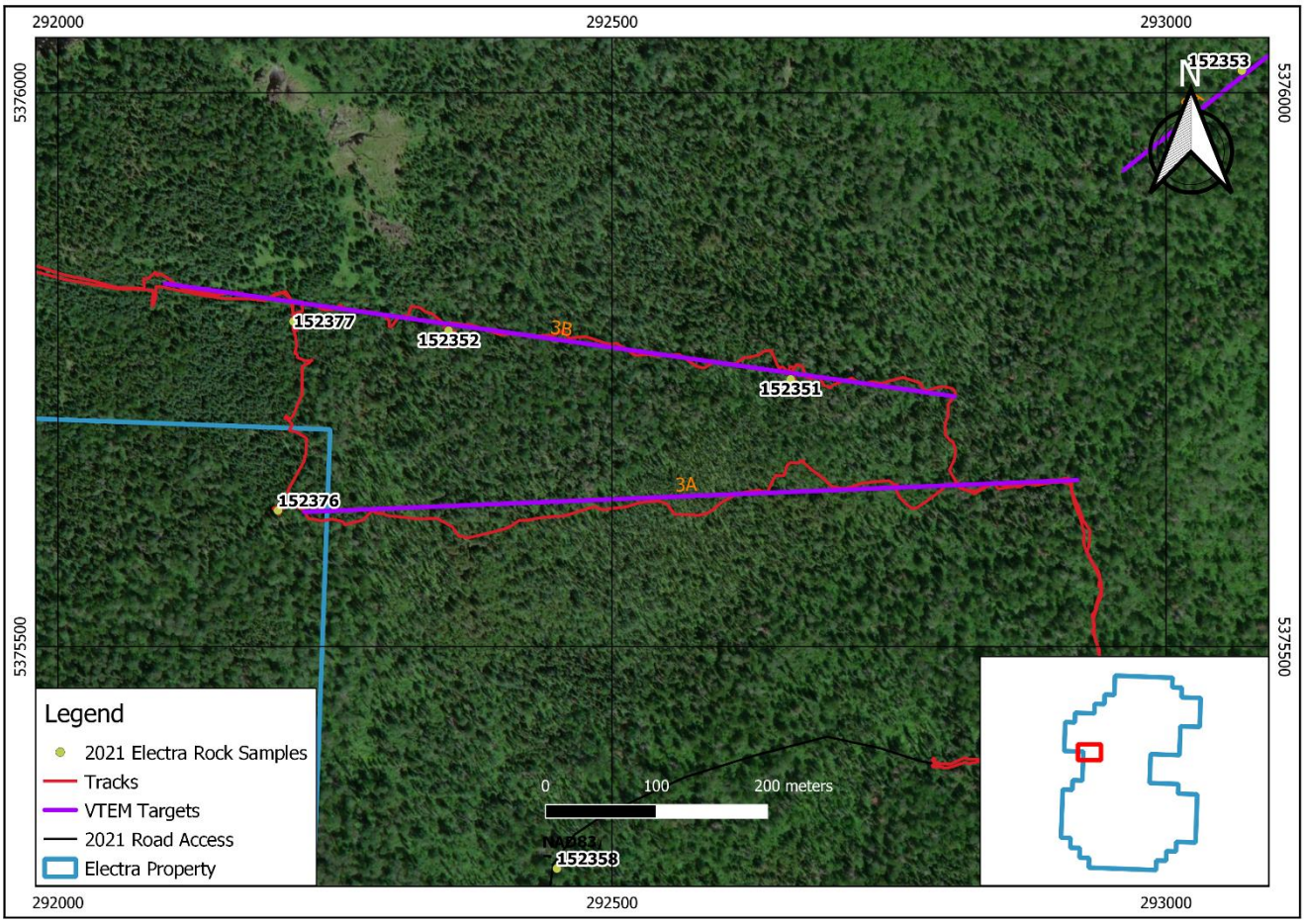

Figure 14. Traverse and samples taken from near-surface EM targets.

EM Target "3 A"

- One sample was taken at the west end of the EM target, sample was a fine grained mafic
- EM target was in a low lying swamp area with no outcrop

EM Target "3 B"

- Three samples were taken along the EM target. All samples were mafic volcaniclastic, one sample with trace disseminated pyrite
- Only sub-crop available, slight slopes were able to expose slight sections of outcrops

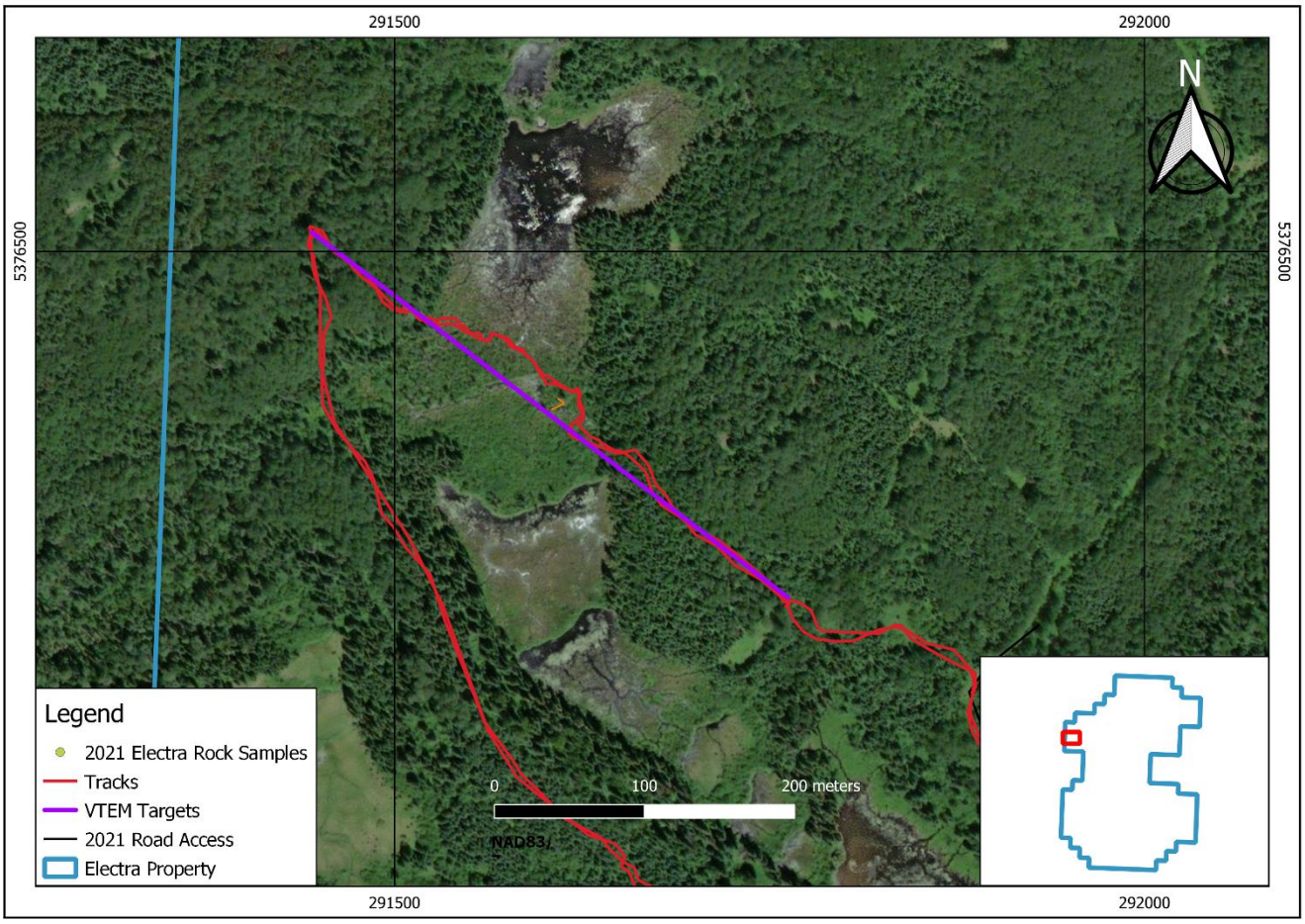

Figure 15. Traverse and samples taken from near-surface EM targets.

EM Target "7"

- No samples were taken along the EM target
- Area was low lying, and no outcrop was observed, 50% of target was in swamp

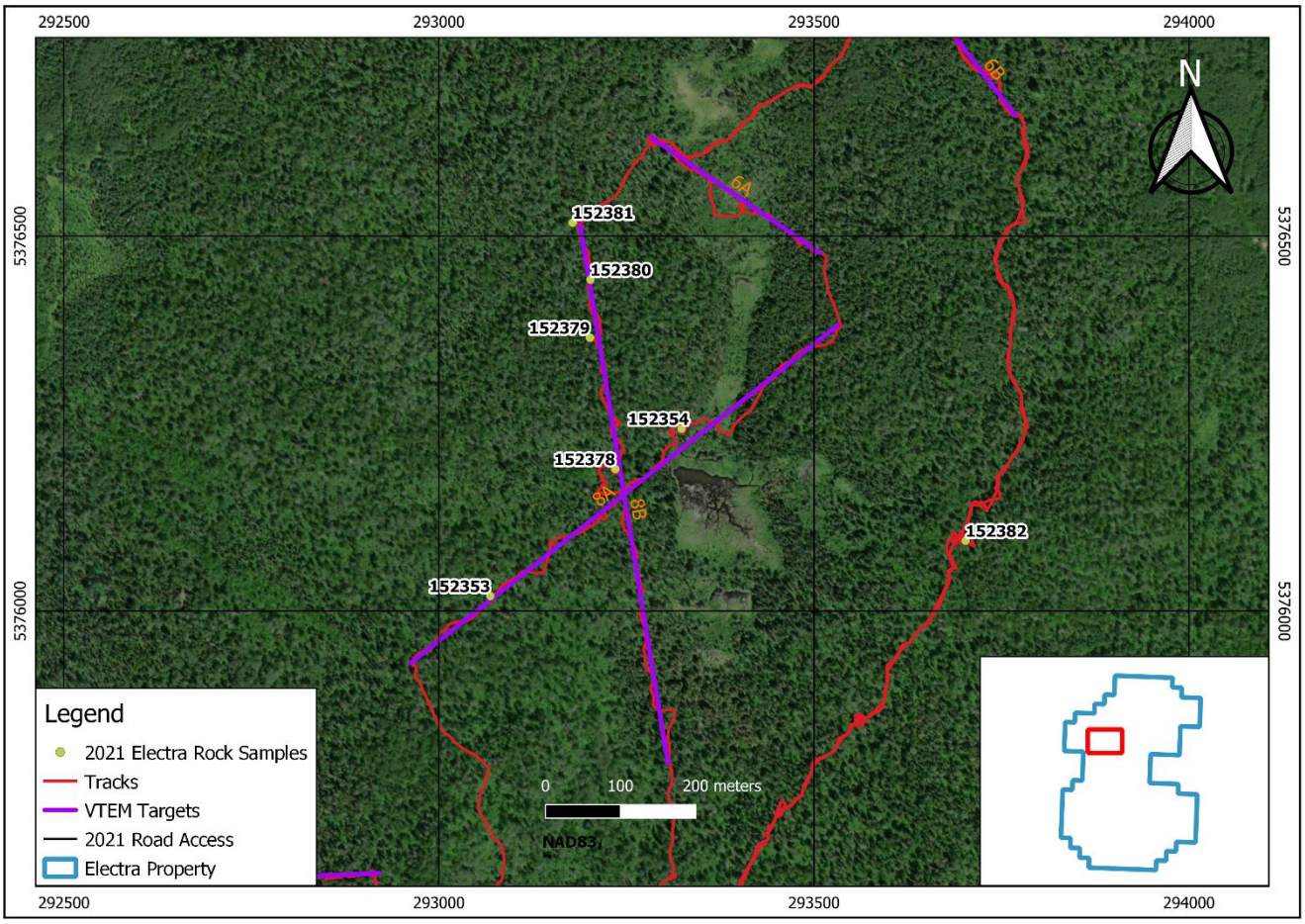

Figure 16. Traverse and samples taken from near-surface EM targets.

EM Target "8A"

- Three samples were taken along the EM target. All samples were mafic volcaniclastic, one sample with trace disseminated pyrite
- Outcrop was visible on the northern portion of the EM target. On the SE side slight slopes were able to expose slight sections of outcrops

EM Target "8B"

- Two samples were taken along the EM target. Both were mafic volcaniclastic samples, one sample 152353 had ~1% Po disseminated throughout
- Small outcrops available on ridges under fallen trees, with moss peeling necessary

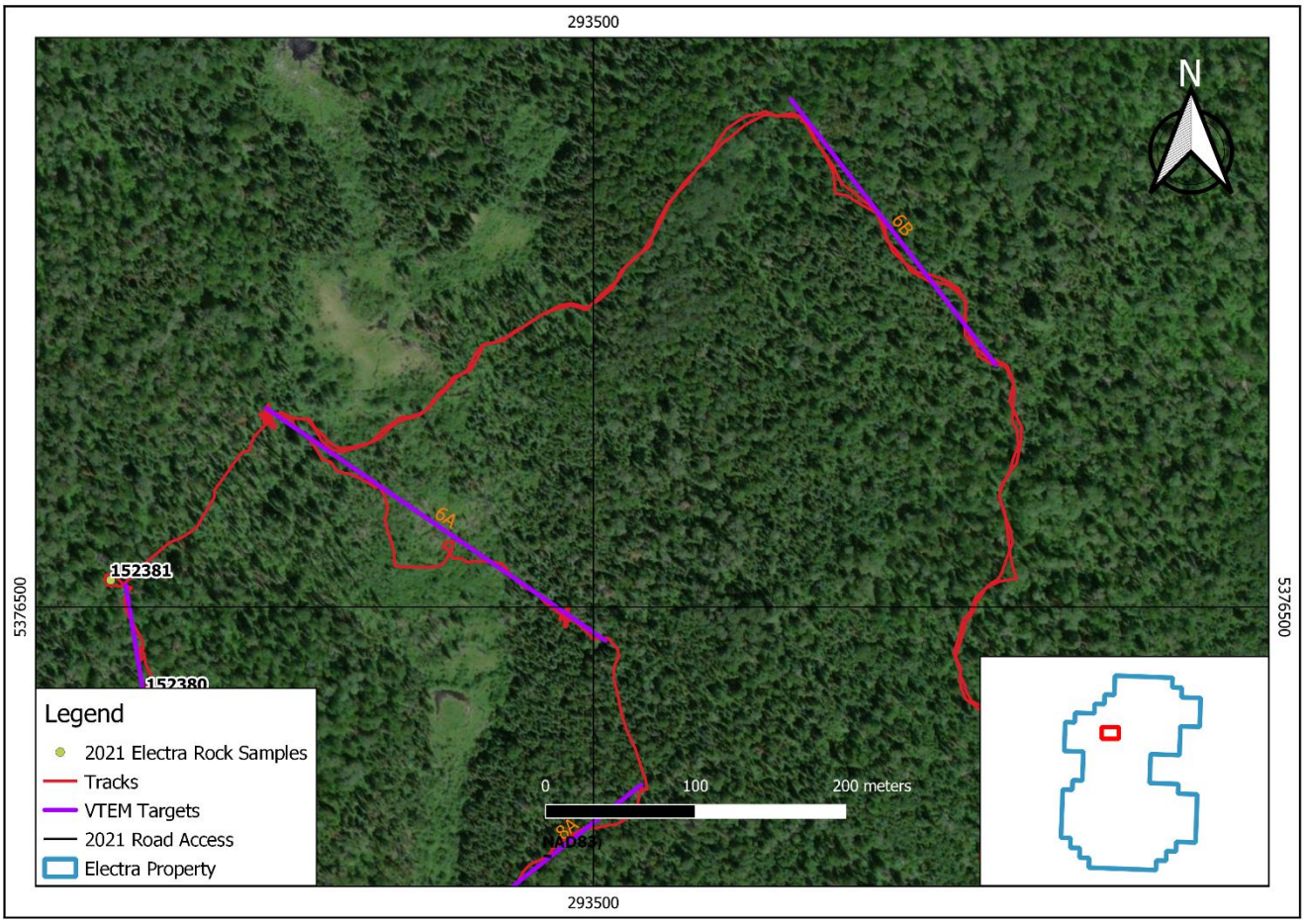

Figure 17. Traverse and samples taken from near-surface EM targets.

EM Target "6 A"

- No samples were taken along the EM target
- EM line was in low lying swamp with no visible outcrop

EM Target "6 B"

- No samples were taken along the EM target
- EM line was in low lying dense alder area with no visible outcrop

J.2 Historical Showings

During the 11 days the prospecting crew were also able to investigate multiple historical showings. Such as, Russell's Showing, which historically ran 4000 ppm Ni. Sample 152324 and was taken from the suspected location of Russell's showing. The sample was taken at contact between ultramafic and graphitic/chert horizon (argillite). The outcrop had trace chalcopyrite locally as fracture fill. Pyrite was ~5% and disseminated throughout. Assay results came back with 266ppm Ni.

Figure 18. Sample 152324 taken from Russel's Showing.

The crew was also able to investigate historical sample B1 which ran 9482 ppm nickel. The crew attempted to find the source of the sample, but unfortunately, they where unable to find any outcrop or possible source within proximity to the B1 sample location. The historical B1 sample location was in a low lying glacially filled area, with abundant large rounded to angular boulders (Figure 19).The crew were able to take a sub crop sample 152312 within the vicinity of the ~1% Ni samples. The sample came back with no significant mineralization. Multiple other samples were taken within close vicinity to historical sample that ran over 2000ppm Ni. Another example is samples 152328 and 152329 taken from a small peninsula on Thunder Lake. Sample 152328 had an aphanitic dark grey background with a green hue, resulted from serpentine alteration. ~90% pyx with trace olivine (~2mm grains opaque with green hue) outcrop is weathered in a subparallel blocky pattern. Assay results came

Figure 19. Sample taken from a sub crop 30 northwest of apparent B1 sample location.

back with 2060ppm Ni. Sample 152329 was a background in fine grained dark grey to black, large komatiite outcrop very close to a large fine grained ultramafic outcrop, where sample 152328 was taken. The sample has spinifex texture present at ~5mm long prismatic/acicular crystals. Assay results came back with 175ppm Ni.

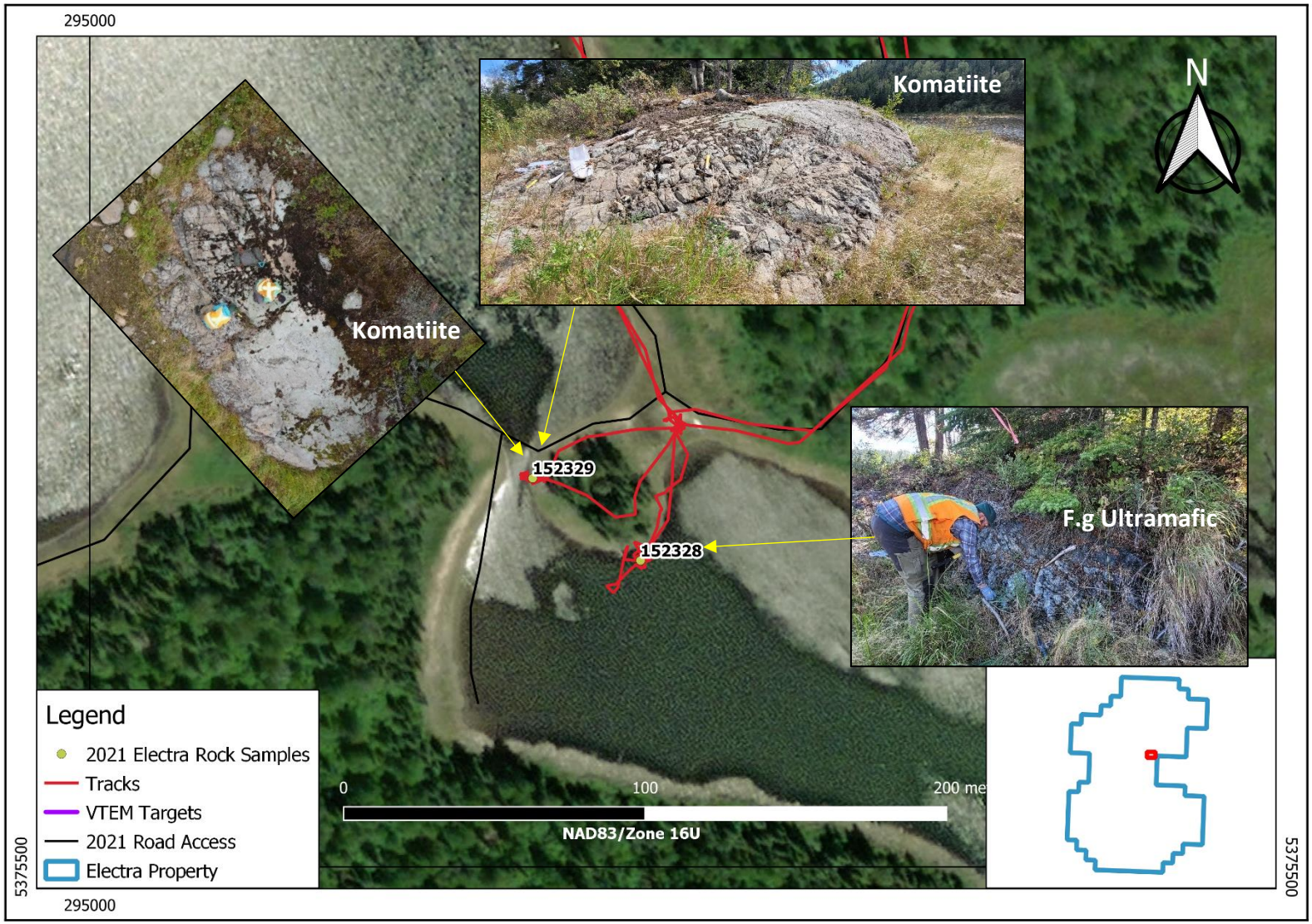

Figure 20. Ultra Mafic and komatiite outcrop on peninsula on Thunder Lake

Figure 21. (left) Fine grained Ultramafic rock, (right) Fine grained Komatiite.

J.3 Discoveries of Interest

J.3.1 Russell showing sequence similarity

During the prospecting we came across a sequence of rocks that were very similar to that seen near the Russell's showing, which had a Ni showing of 4000 ppm. The sequence was found in the southern portion of the property, In the center of EM target "11". The sequence consisted of massive to sheared Argillic chert/graphite, fine grained mafic/ultramafic rock, and a fine-grained mafic rock, slightly sheared with carb/qtz veining (Figure 22).

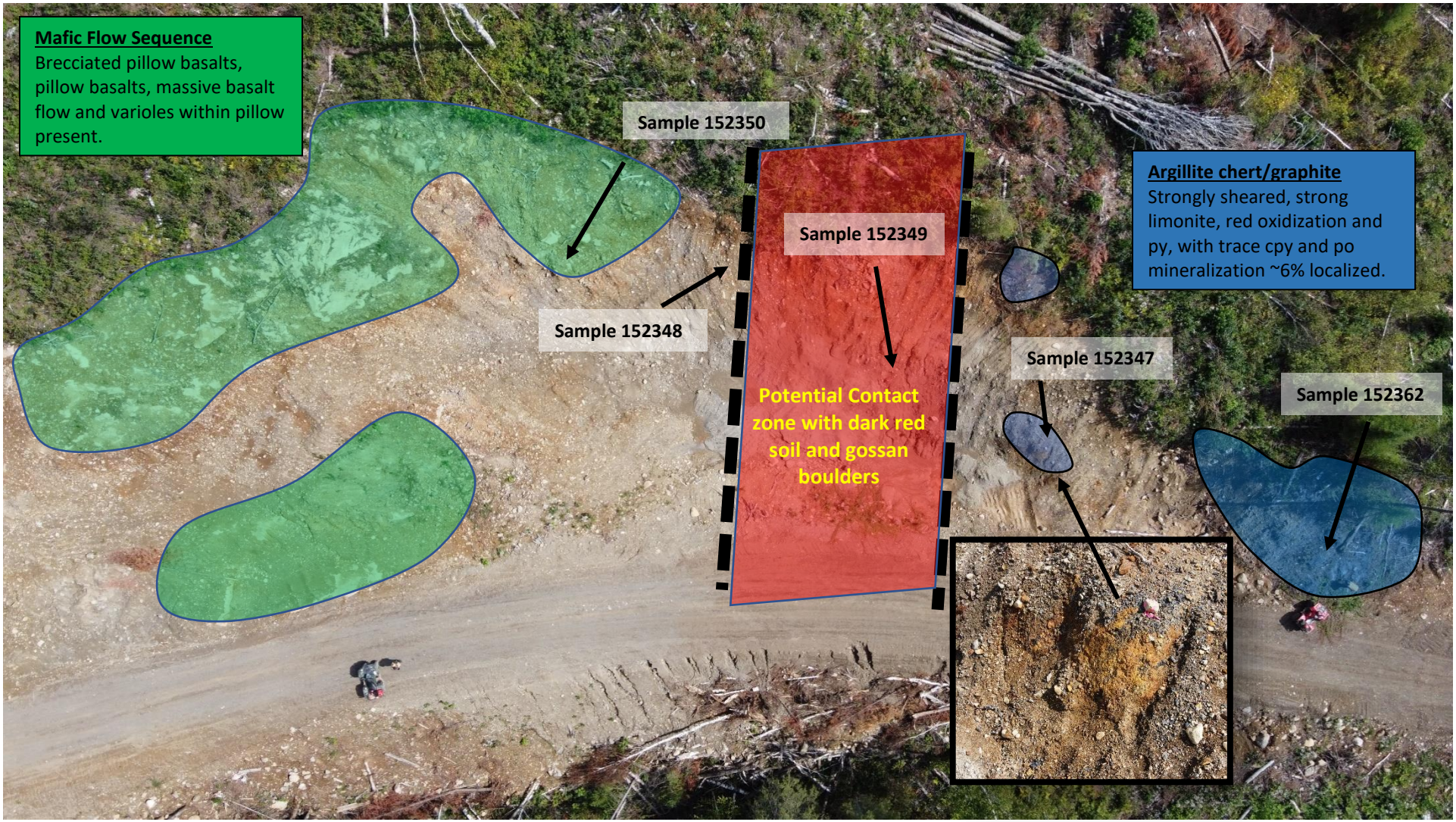

Figure 22. Potential contact between mafic and Argillite similar to that at Russell's showing.

The samples taken are described below and assay results are in **Error! Reference source not found.**.

152347 (Argillite): Black on fresh, limonite yellow to red and black, on weathered. Aphanitic dark grey/black with weak fissile texture. trace relict pyrite nodules present ~1cm with calcite rims on nodules. Sample was taken from an outcrop showing of 1x2 meters, on road cut. One or two other outcrops showing near sample location. Near ultramafic outcrop.

152348 (Brecciated Mafic Volcanic): Fine grained to medium grained, dark greyish black with a green hue, and Fe-Stained reddish brown on weathered surface. Mafic volcanic, brecciation present as angular ~3cm pieces with mm fine-grained black infill between clasts. ~5% disseminated and, ~10% Locally, pyrite with trace Po (weakly magnetic). Strong silicification, Weak carbonate and strong Fe stainingon weathered and fracture surfaces. Outcrop is near contact with graphite. Seems to be a volcanic flow sequences present near outcrop. Small outcrop 1x1 meters on road cut near conductor and Argillic graphite/chert outcrop.

152349 ("Boulder" Mafic Volcanic): Fine to medium grained, brecciation present as angular ~5mm pieces with~40% mm fine-grained black infill btw clast. Dark grey to black on fresh, and dark red to brown on weathered. Strong fe staining as dark red to yellow on weathered surface. ~7% disseminated and locally ~20% pyrite with trace cpy. Samples was a taken from a small angular boulder found near possible contact between, graphite and mafic volcanic flow sequence.

152350 (Mafic Volcanic "Basalt"): Aphanitic to fine grained, massive dark grey with a green tinge on fresh and brown to red. Fe staining on weathered and fractures, weak carbonate disseminated throughout. ~3% disseminated pyrite. Sample was taken from a small 5x5 meter outcrop on road cut.

152362 (Argillite Chert/Graphite): Aphanitic, Massive black on fresh and dark grey to black on weathered. Strong fe staining on weathered surfaces. Trace relict pyrite nodules ~1cm round weathered out nodules, with calcite rims. ~5mm milky white irregular to subparallel qtz/carb veining. Sample was taken from a 5x6 meter outcrop with shearing on road cut. Shear (286/84).

Table 5. 2021 Prospecting Assays Results of Road Cut

Sample #	Ni ppm	Cu ppm	Au ppb	Pt ppb	Pd ppb
152347	16.5	98	6	0.7	1
152348	344	110	2	13.3	13.7
152349	**799**	71.1	3	13.8	14.3
152350	**910**	80.30	2	11.60	11.9
152362	6.2	15.10	2	0.10	<0.20

Figure 23. (Left) Outcrop from sample 152348, and (right) hand sample picture of sample 152348

Figure 24. (Left) Outcrop from sample 152349, and (right) hand sample picture of sample 152349

Figure 25. (Left) Outcrop from sample 152350, and (right) hand sample picture of sample 152350

Figure 26. (Left) Outcrop from sample 152362, and (right) hand sample picture of sample 152362

J.3.2 Komatiite "Spinifex" Textures

During the prospecting seven prospective Komatiite outcrops were found, with defining spinifex texture. This generates greater potential for Ni mineralization as the 'Spinifex" texture is know to be in close association with Nickel mineralization. Pictures below show some of the spinifex textures that were note in the field.

Figure 27. Spinifex texture seen on outcrop and hand sample.

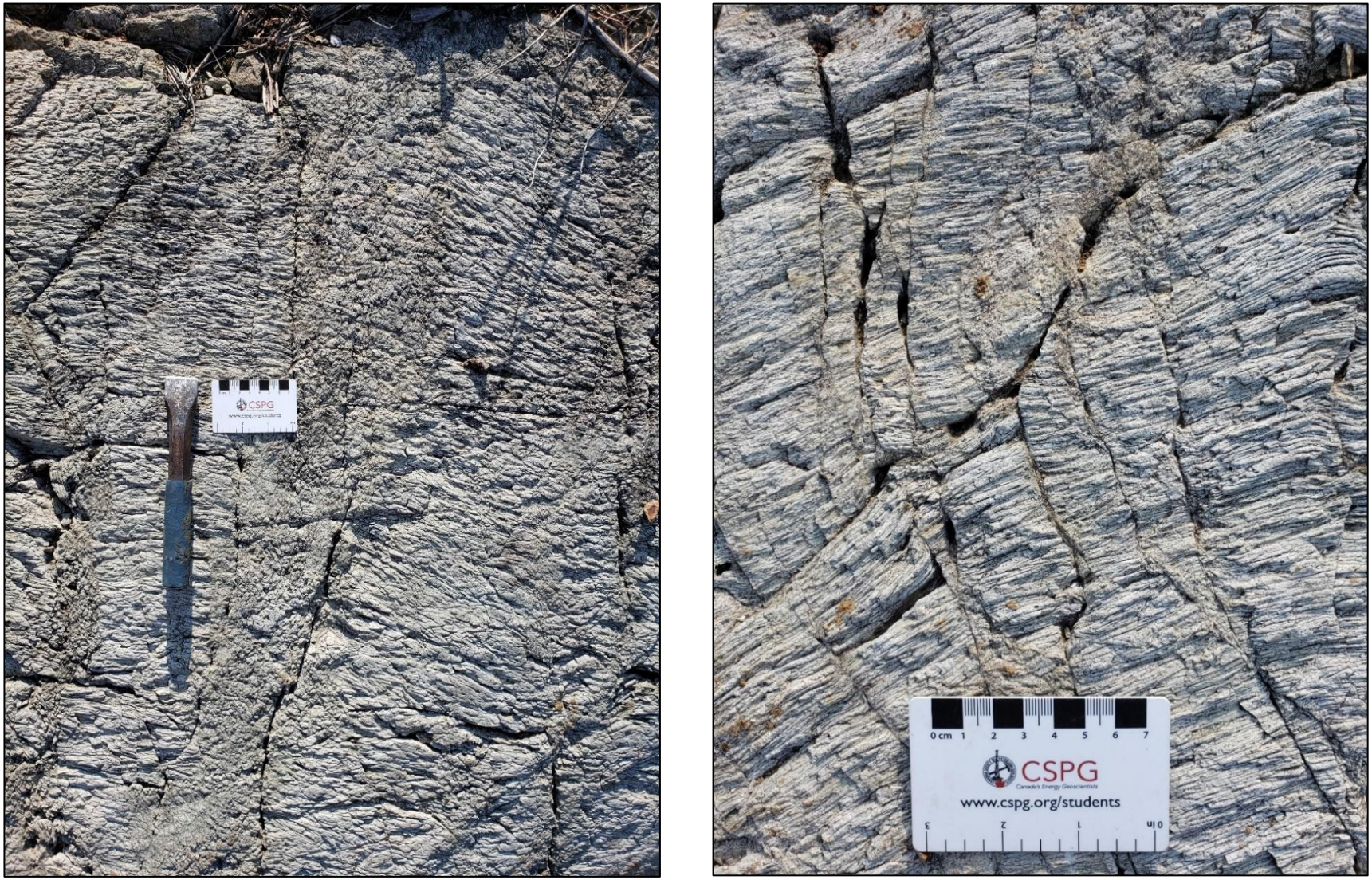

Figure 28. Spinifex textures showing alignment in outcrop, offset by small mm fractures.

K. PORTABLE XRF DATA COMPILATION

Portable XRF data was taken on all the 82 samples collected in the field. Attached to this document will be an Excel sheet with compiled data.

Below is a map that shows Nickel results in ppm from the PXRF.

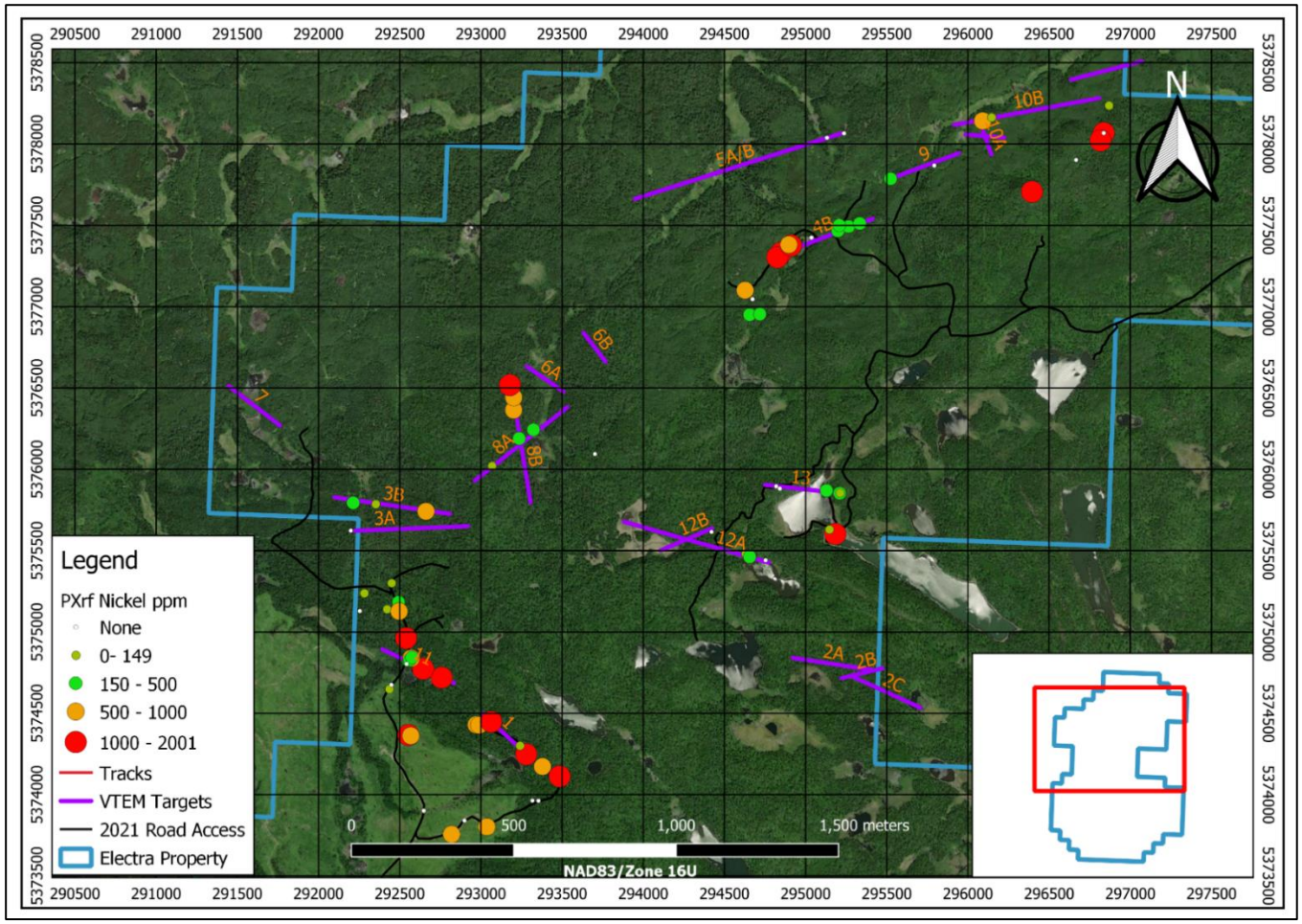

Figure 29. PXrf Nickel results (ppm) from 2021 prospecting program.

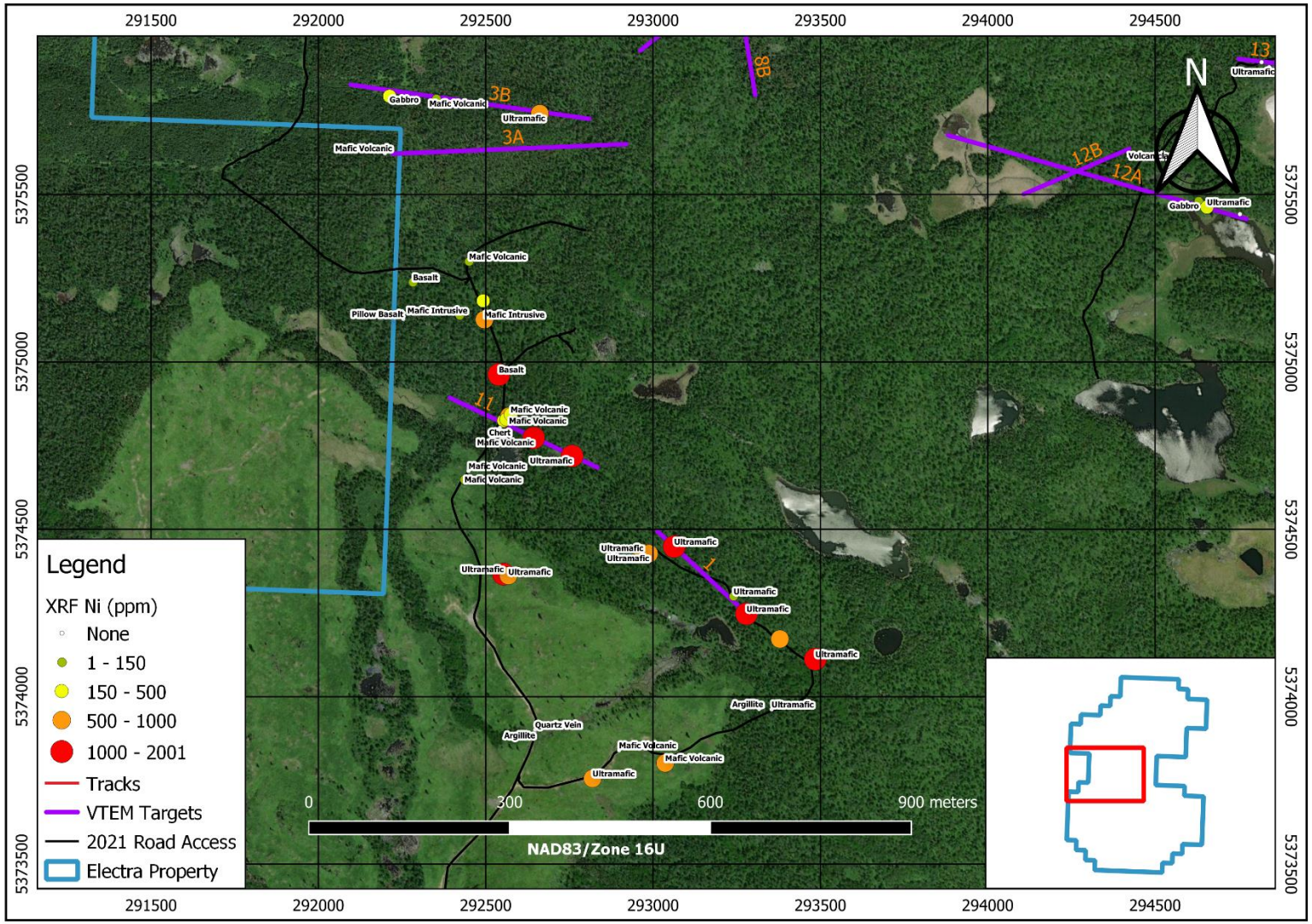

Figure 30. PXrf Nickel ppm with prospected rock type in SW portion of property.

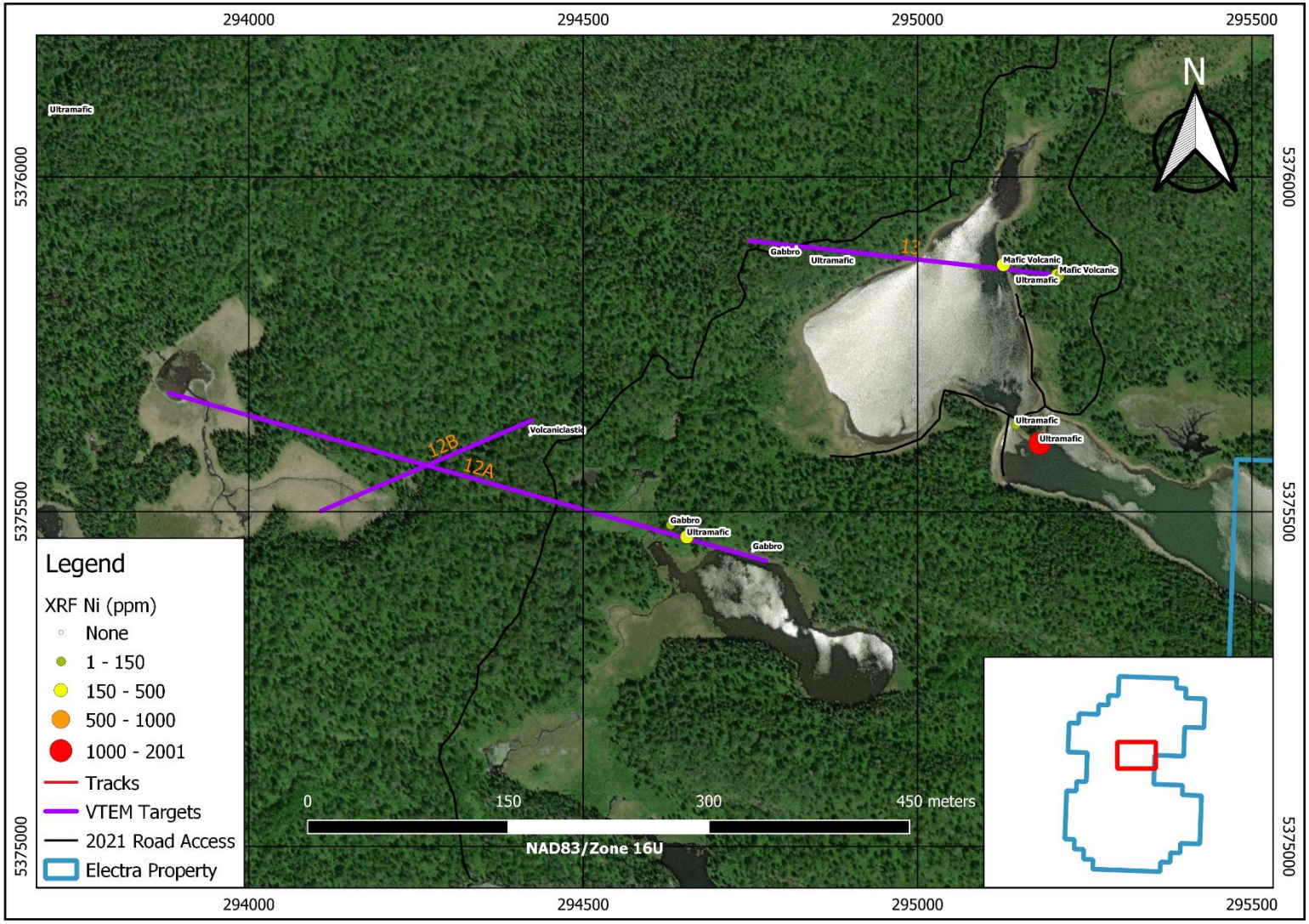

Figure 31. PXrf Nickel ppm with prospected rock type near Thunder Lake, in the central part of the property.

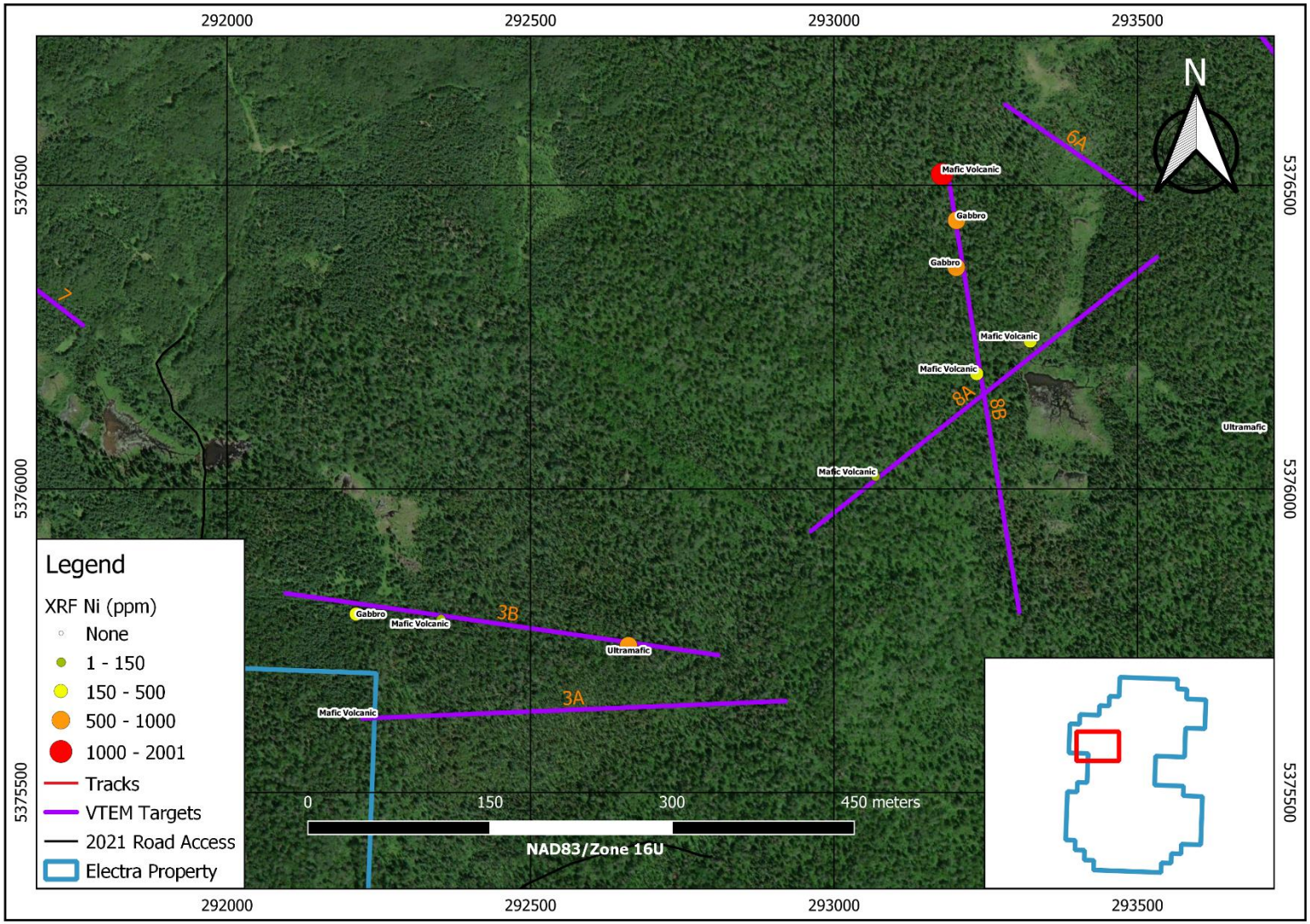

Figure 32. PXrf Nickel ppm with prospected rock type from western portion of property.

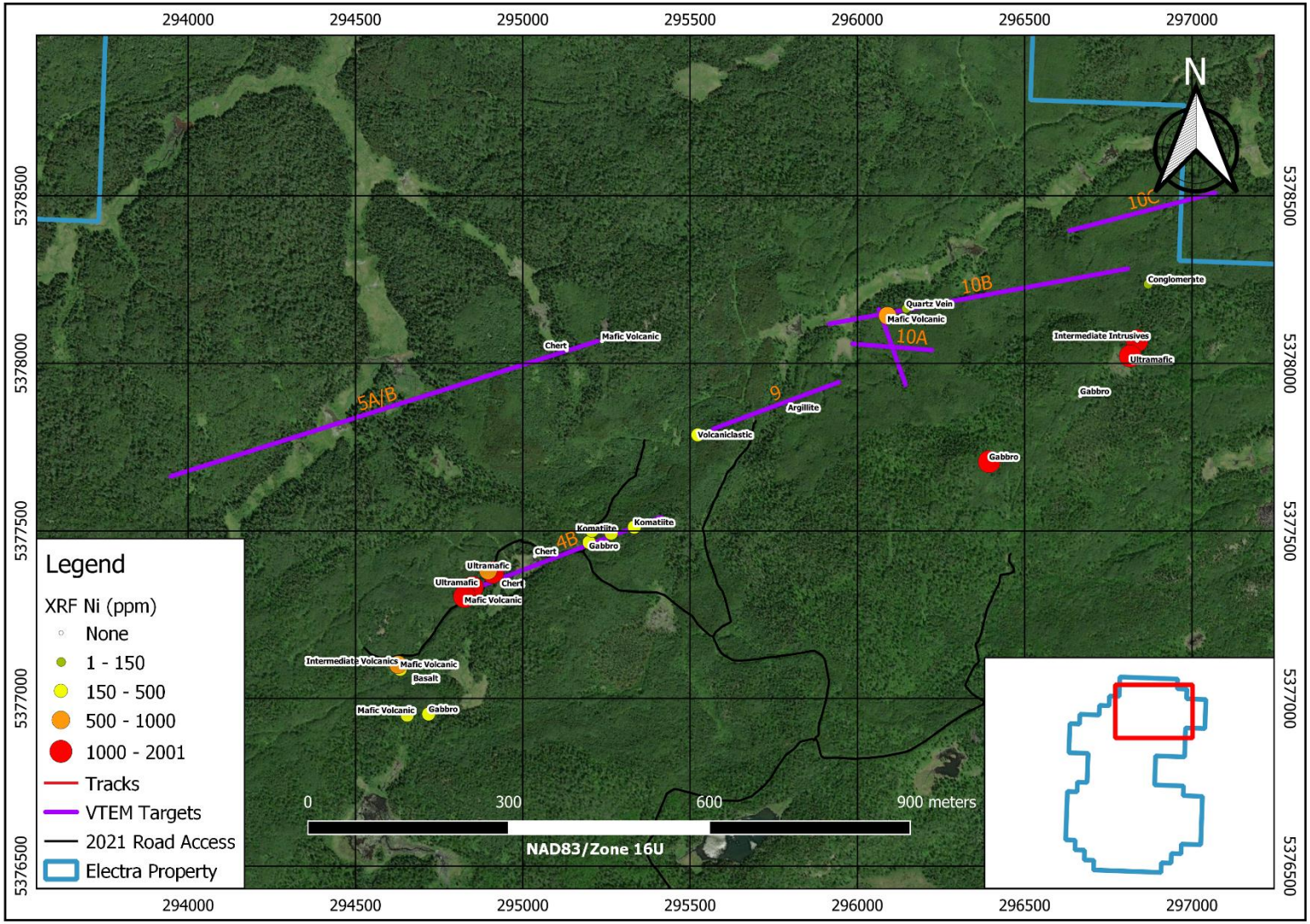

Figure 33. PXrf Nickel ppm with prospected rock type from NE portion of property.

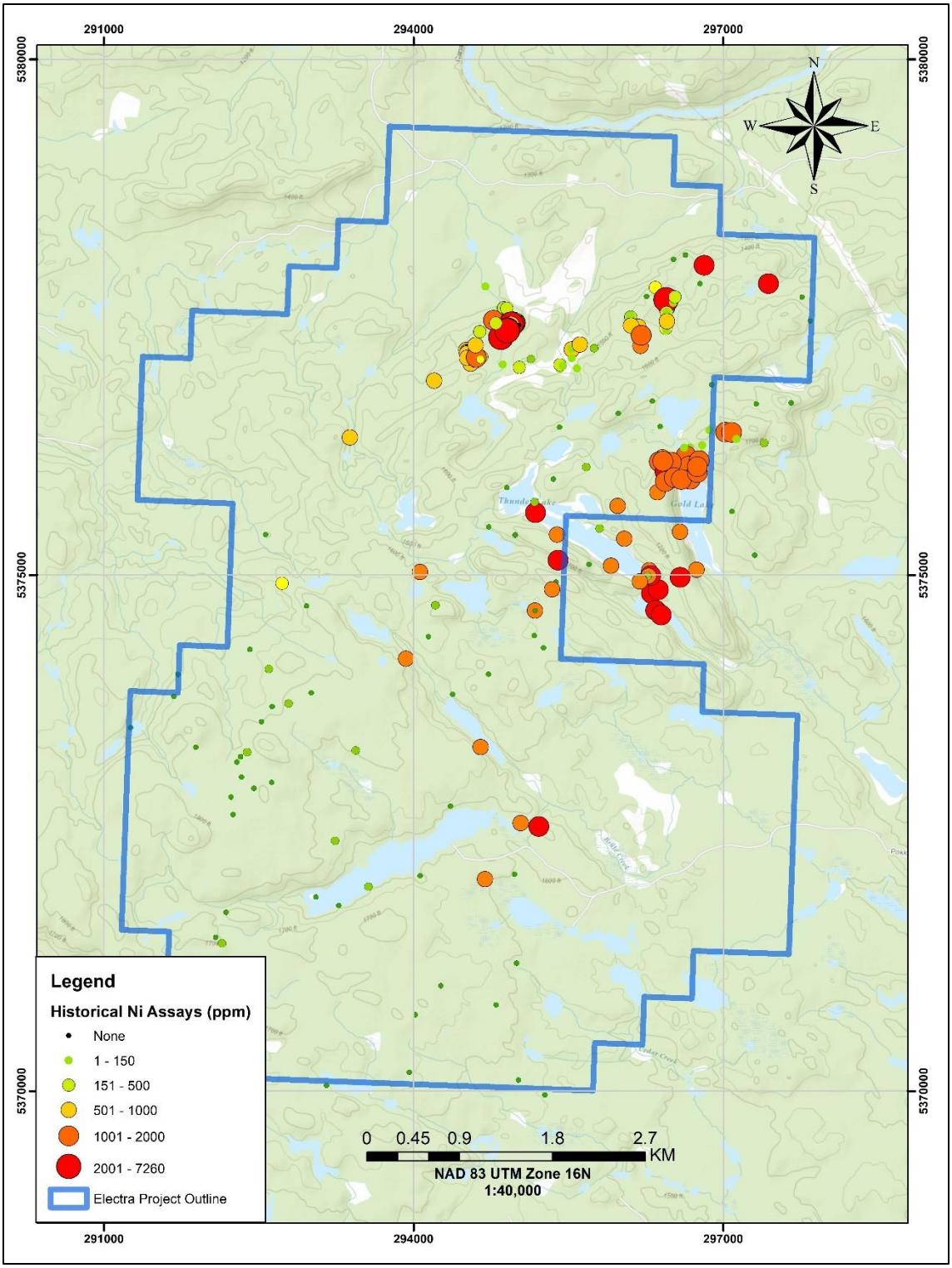

Figure 34. Historical Grab samples assay results for Nickel (ppm)

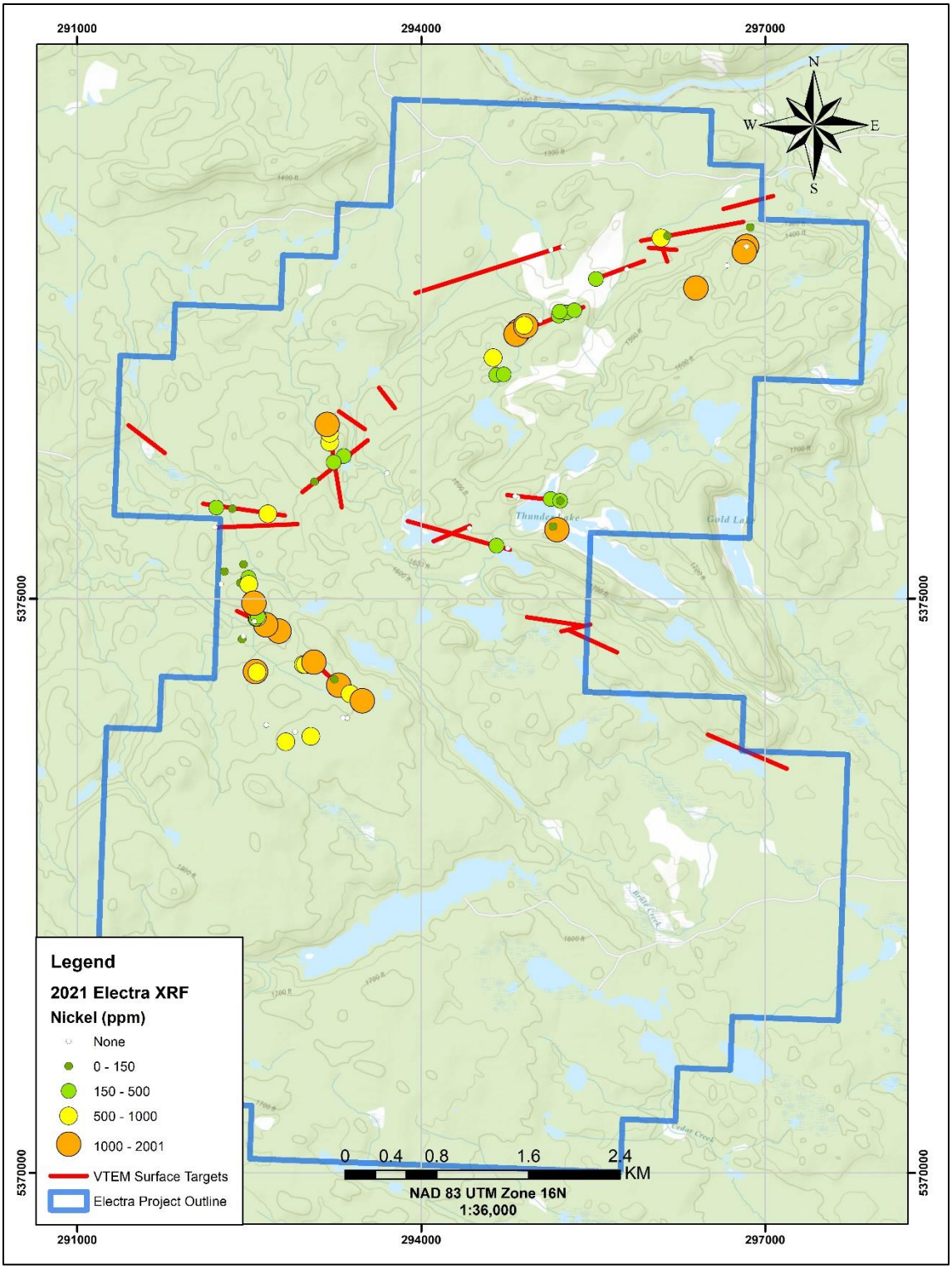

Figure 35. 2021 grab sample PXrf analysis results for Nickel (ppm)

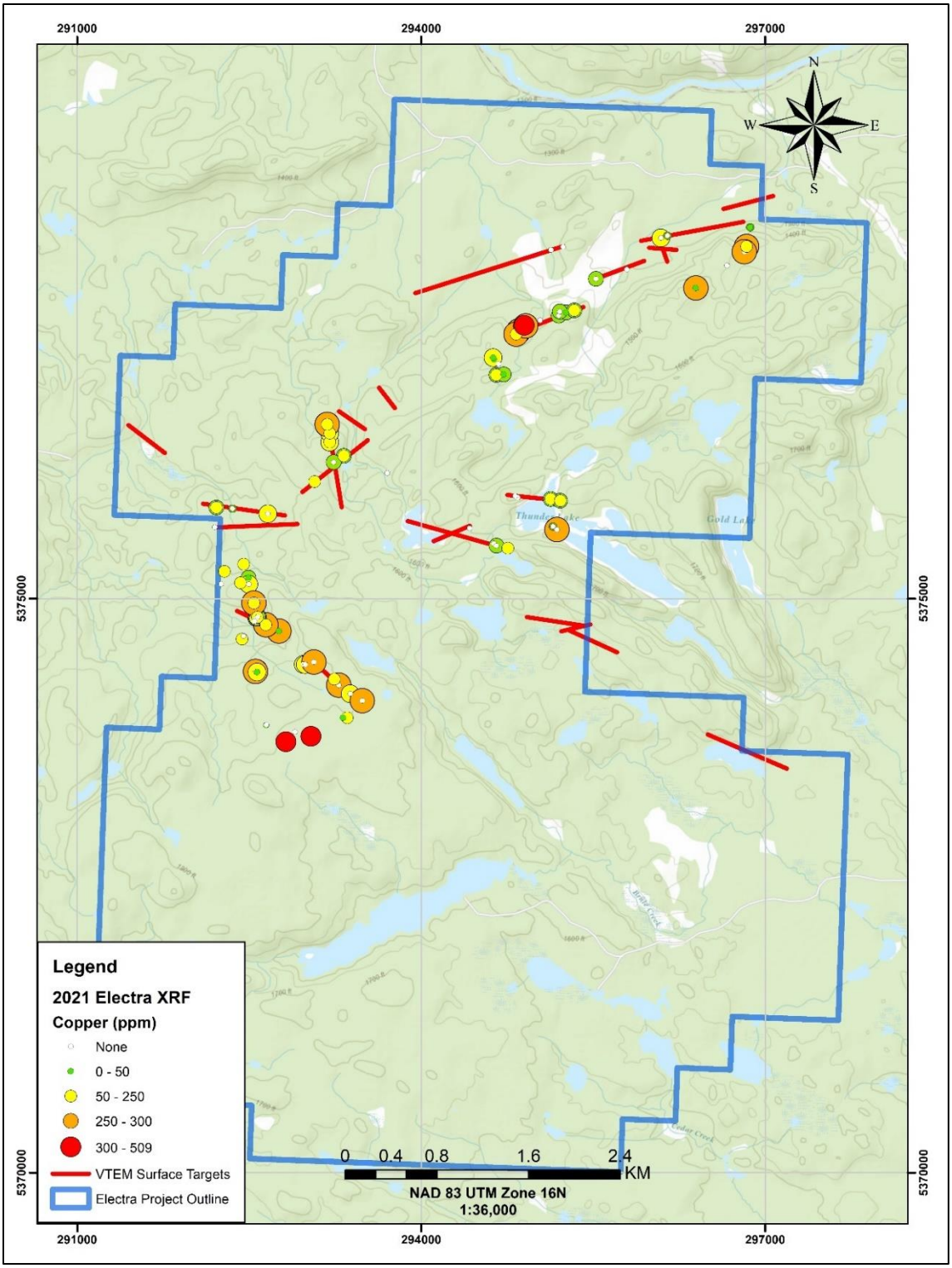

Figure 36. 2021 grab sample PXrf analysis results for copper (ppm)

L. 2021 Prospecting Analytical Results

Eighty-Two (82) rock grab samples were taken throughout the property focusing on potential Ni-Cu, Au and PGE mineralization. Multiple samples were taken from suspected ultramafic to mafic outcrops, with trace to ~6% disseminated pyrite. The samples were sent to ALS Laboratories in Thunder Bay, ON. Forty-eight (48) element Four acid ICP-MS super trace analysis (ME-MS61) and a Platinum group elements (PGM-MS23L) analysis were done on all 82 samples. The purpose for the Four acid super trace analysis (ME-MS61) analysis was to detect potential anomalous Cu and Ni that may have been present within the samples. The Platinum group elements (PGM-MS23L) analysis was done to detect any potential Pt-Pd-Au that may have been present in anomalous values. Lab certificates can be found in and analytical results in Appendix 6 and 7 attaches to the report.

L.1 Ni – Cu and Au 2021 Assay Results

Several of the Ultramafic Identified rock grab samples came back with slightly anomalous Ni results. The highest results were seen at the historical trenches and sample locations (Figure 41). Notably there where anomaly samples in the SW portion of the property collected near a VTEM line and Large ultramafic outcrop running along a logging road (Figure 39). Cu assay results came back with slightly anomalous values, commonly in correlation to the high Ni values, as seen in the figures 41 to 43. Au values came back with no anomalous values (
Figure *43*).

L.2 PGE 2021 Assay Results

Both Pt and Pd came back with weakly anomalous results in association with ultra-mafic rock types. Figure 44 and Figure *45*.

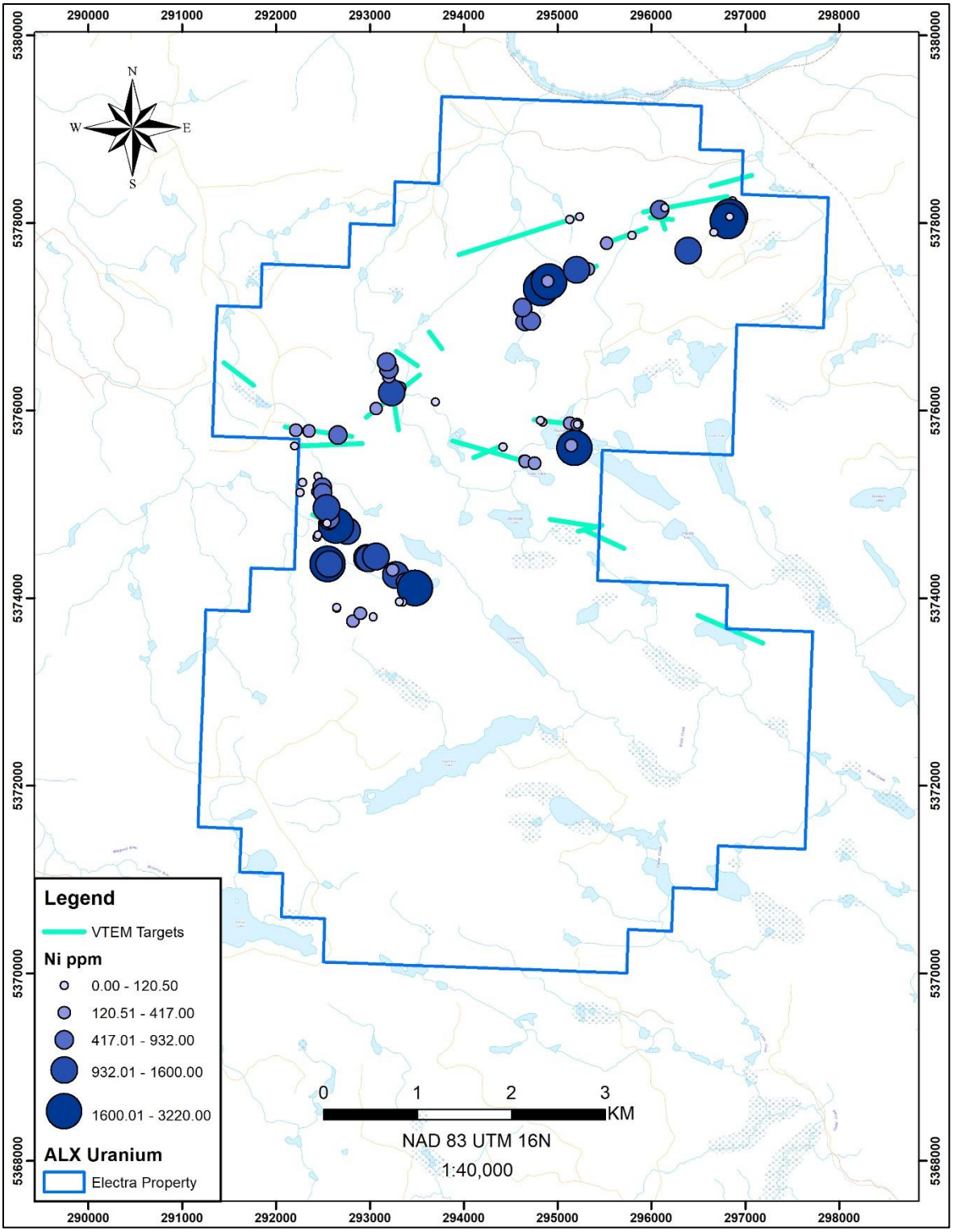

Figure 37. 2021 Prospecting Assay Results for Ni ppm

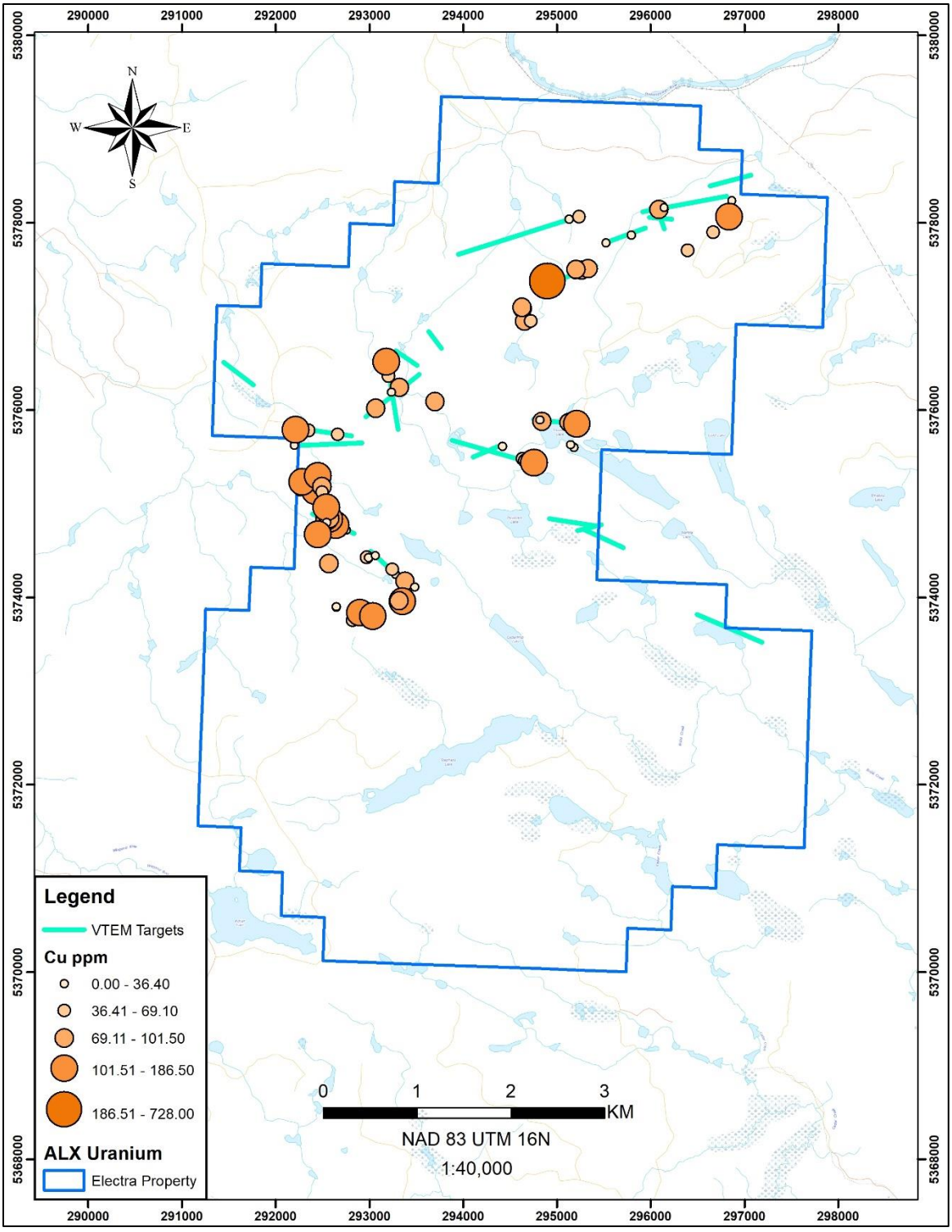

Figure 38. 2021 Prospecting Assays Results Cu ppm.

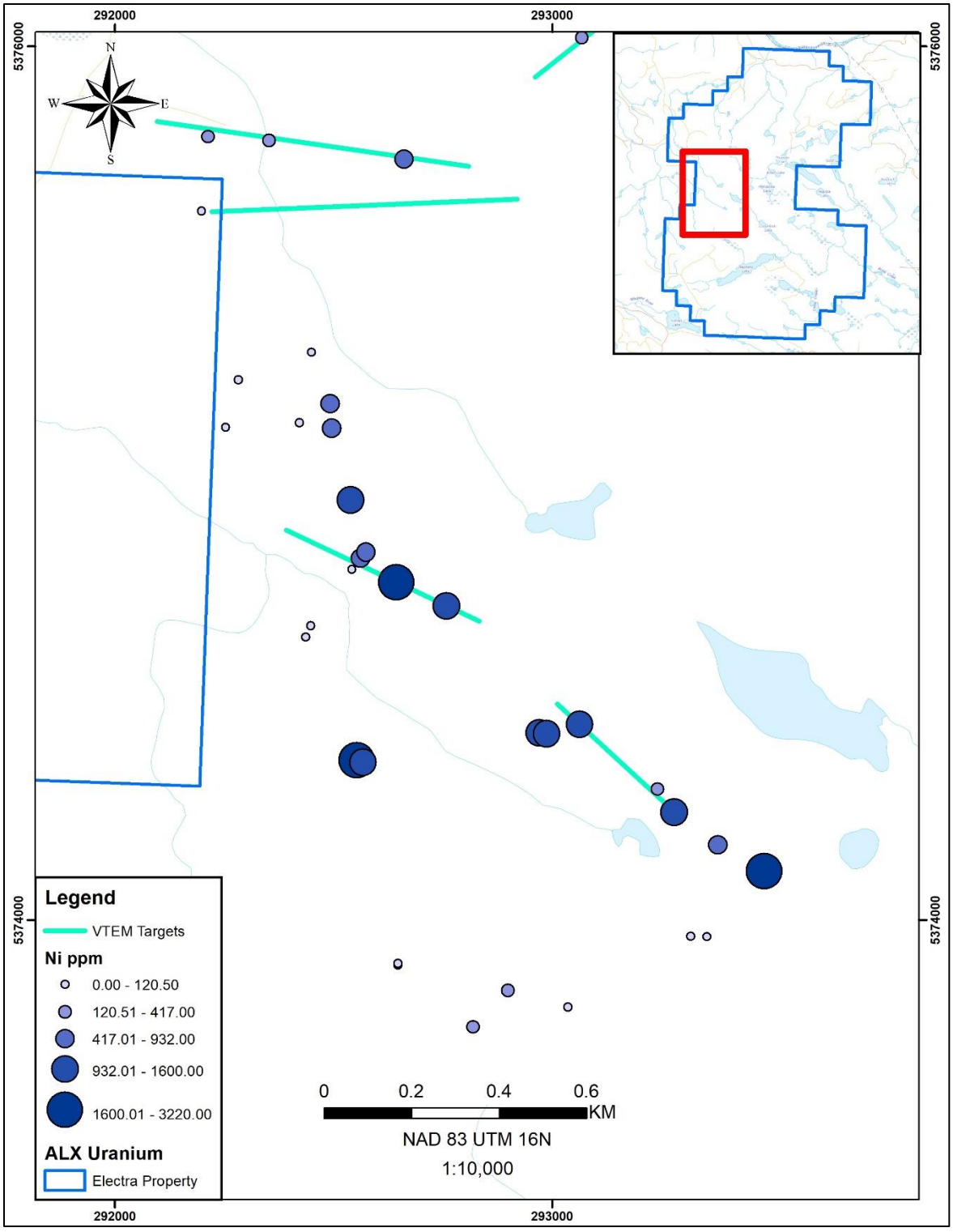

Figure 39. SW Zone 2021 Prospecting Assay Results for Ni ppm

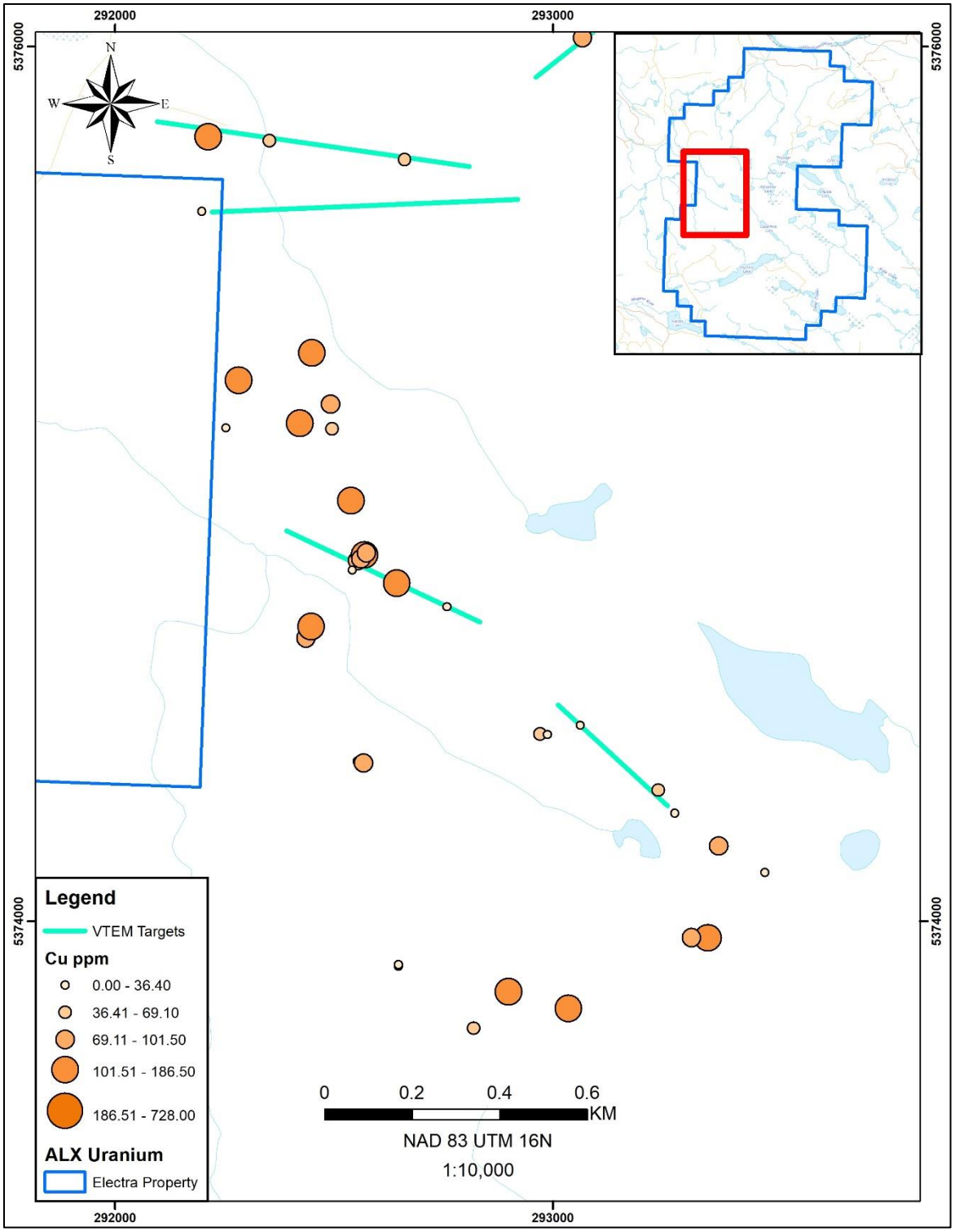

Figure 40. SW Zone 2021 Prospecting Assay Results for Cu ppm

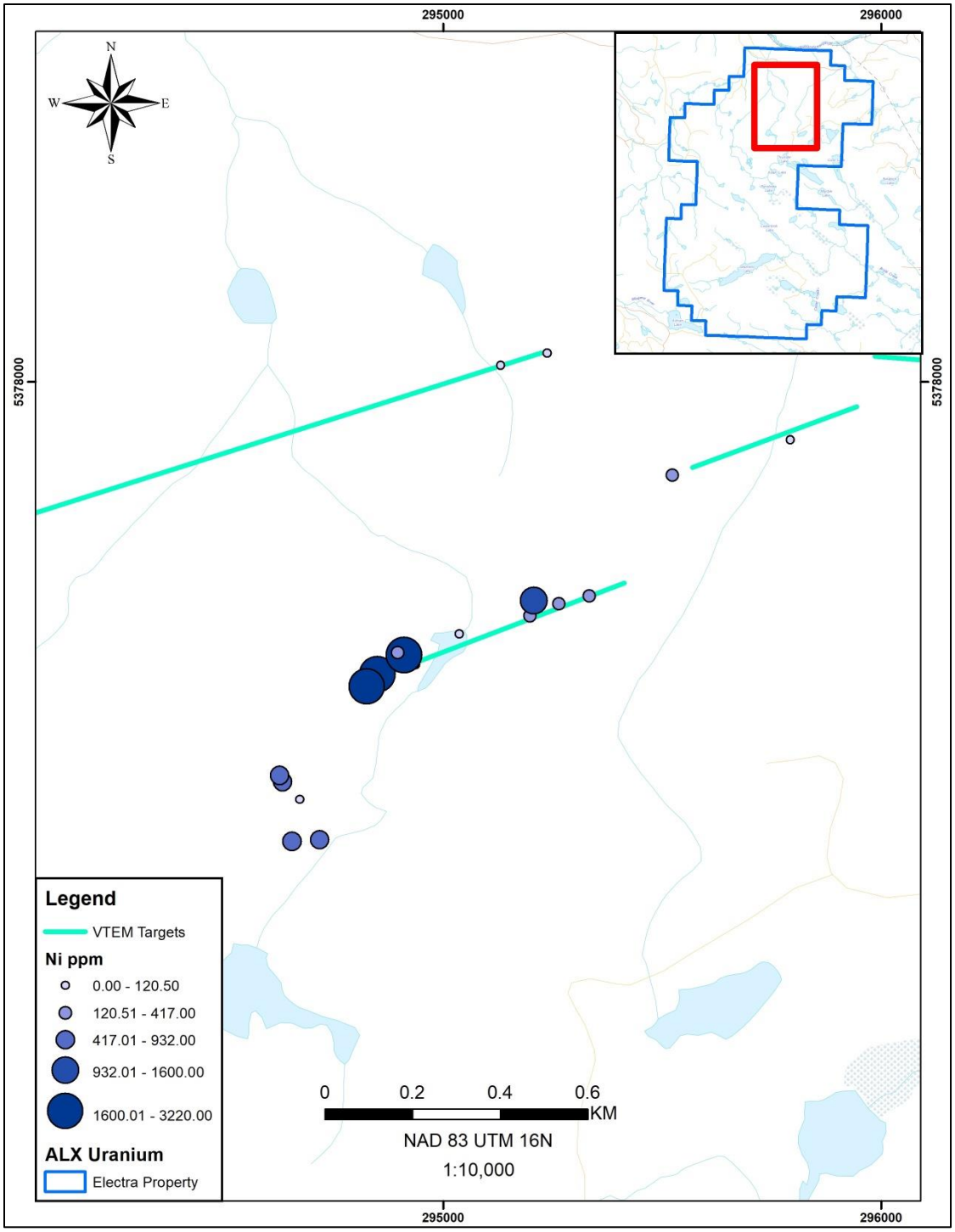

Figure 41. Historical Trenches 2021 Prospecting Assay Results for Ni ppm

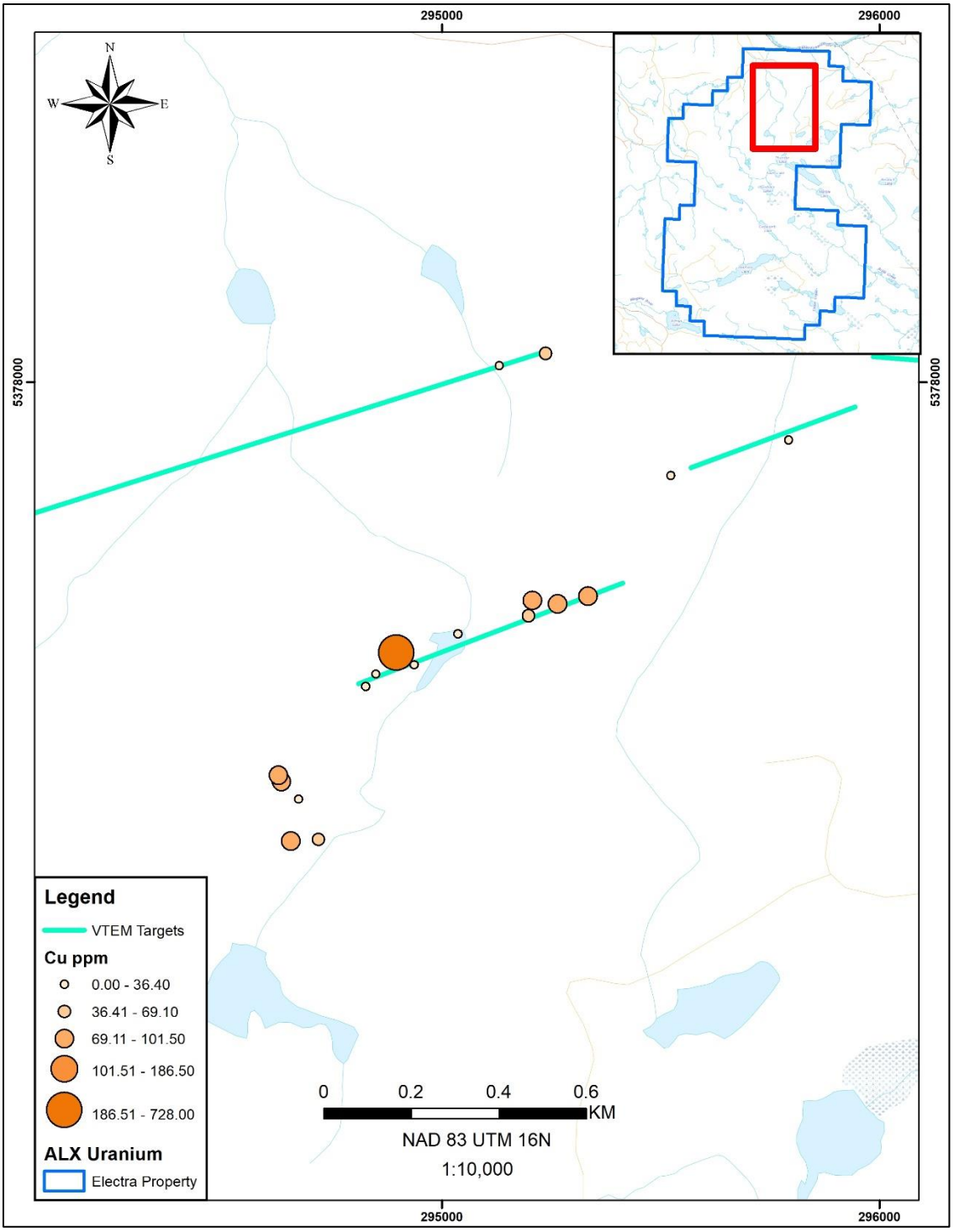

Figure 42. Historical Trenches 2021 Prospecting Assay Results for Cu ppm

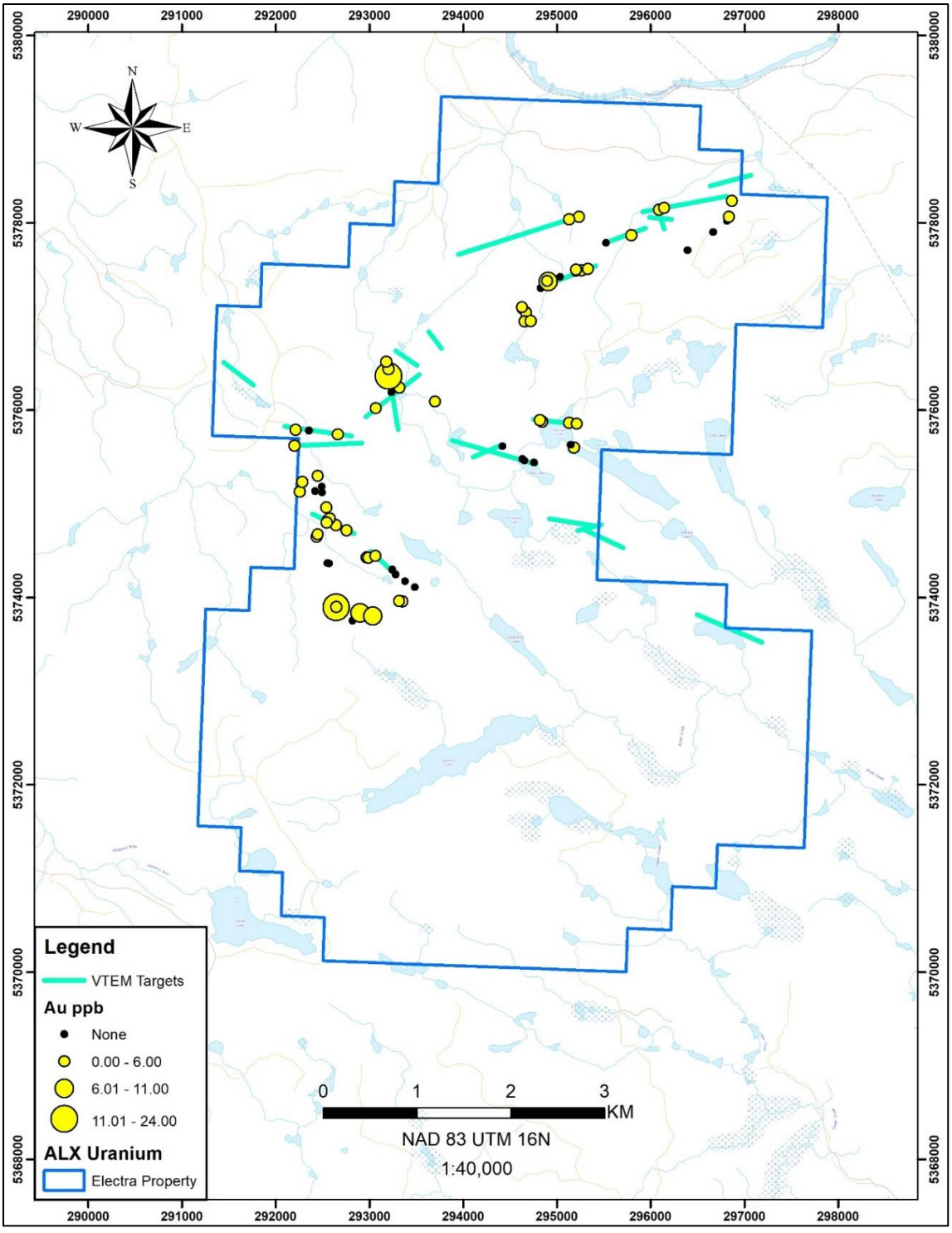

Figure 43. 2021 Prospecting Assay Results for Au ppb.

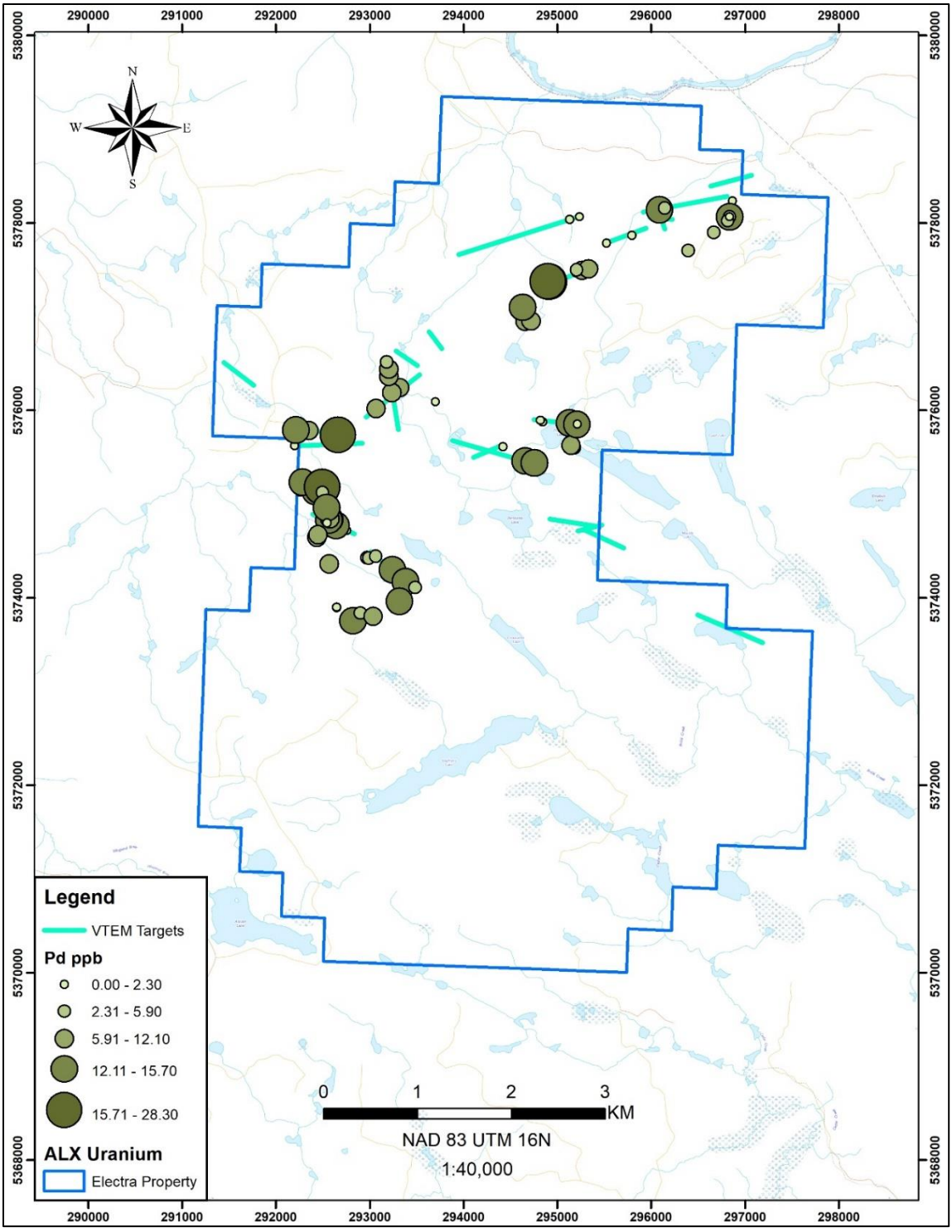

Figure 44. 2021 Prospecting Assay Results Pd ppb

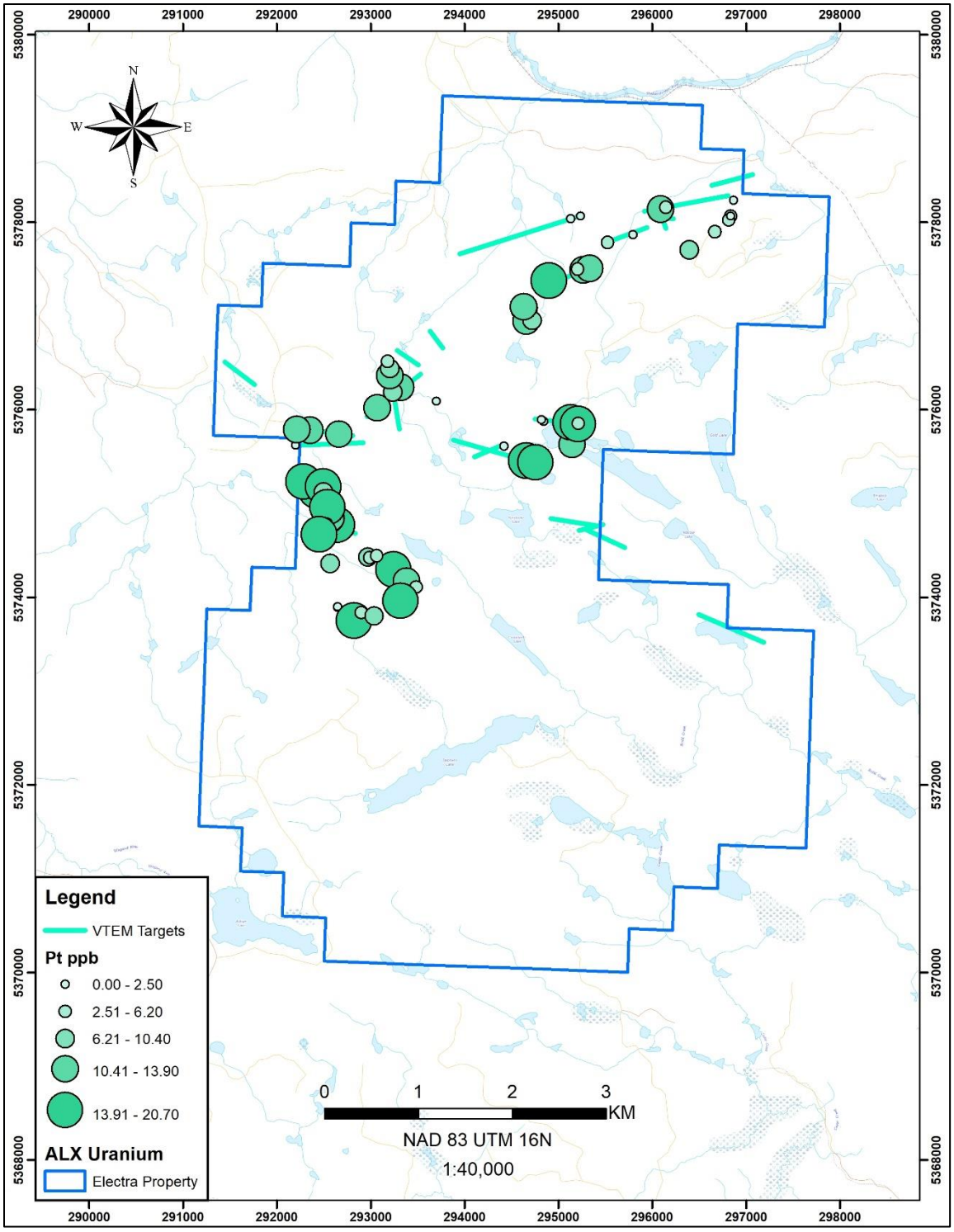

Figure 45. 2021 Prospecting Assay Results Pt pp

Table 6. 2021 Prospecting Assay Results

Sample #	Rock Type	Cu ppm	Ni ppm	Au ppb	Pt ppb	Pd ppb
152302	Argillite	11.40	3.20	1.00	0.00	0.00
152318	Argillite	15.90	17.90	3.00	0.10	0.00
152319	Argillite	32.70	17.50	0.00	0.10	0.00
152347	Argillite	98.80	16.50	6.00	0.70	1.00
152367	Argillite	35.30	75.20	17.00	0.00	0.20
152374	Argillite	122.50	69.60	1.00	4.10	4.10
152382	Argillite	78.80	57.10	1.00	2.50	2.30
152312	Basalt	22.20	20.90	1.00	0.20	0.00
152357	Basalt	116.00	89.40	2.00	14.30	14.60
152361	Basalt	124.50	1135.00	4.00	15.00	13.90
152326	Chert	17.00	13.00	2.00	0.10	0.00
152362	Chert	15.10	6.20	2.00	0.10	0.00
152305	Conglomerate	30.00	53.50	1.00	0.50	0.40
152309	Gabbro	41.80	92.70	0.00	5.50	4.30
152310	Gabbro	63.80	1255.00	0.00	8.90	5.40
152314	Gabbro	68.30	513.00	6.00	10.40	10.50
152320	Gabbro	50.70	365.00	0.00	1.50	0.90
152334	Gabbro	25.40	40.60	1.00	0.20	0.00
152336	Gabbro	58.80	106.50	0.00	4.20	2.50
152338	Gabbro	156.50	168.50	0.00	15.20	13.80
152376	Gabbro	21.30	14.70	1.00	0.40	0.40
152378	Gabbro	33.50	1090.00	0.00	9.30	9.30
152379	Gabbro	46.60	325.00	24.00	10.80	10.20
152335	Intermediate Volcanics	109.50	27.00	2.00	1.80	1.60
152315	Intermediate Volcanics	89.10	744.00	2.00	12.60	12.80
152301	Komatiite	30.70	171.00	0.00	2.80	2.10
152321	Komatiite	83.50	329.00	2.00	12.70	11.60

Sample #	Rock Type	Cu ppm	Ni ppm	Au ppb	Pt ppb	Pd ppb
152322	Komatiite	90.80	416.00	2.00	12.90	10.20
152355	Mafic Intrusive	115.50	115.50	0.00	15.50	14.60
152360	Mafic Intrusive	61.90	893.00	0.00	9.50	5.60
152303	Mafic Volcanic	79.90	731.00	2.00	13.10	12.60
152311	Mafic Volcanic	90.40	544.00	1.00	11.70	11.20
152313	Mafic Volcanic	89.50	509.00	1.00	11.50	11.60
152317	Mafic Volcanic	19.40	1910.00	0.00	3.00	2.80
152325	Mafic Volcanic	41.00	86.10	1.00	0.50	0.40
152327	Mafic Volcanic	73.40	1100.00	2.00	6.00	5.60
152330	Mafic Volcanic	91.50	232.00	1.00	15.00	14.00
152332	Mafic Volcanic	113.50	81.80	1.00	4.30	2.00
152346	Mafic Volcanic	118.50	1780.00	2.00	15.50	15.70
152348	Mafic Volcanic	110.00	344.00	2.00	13.30	13.70
152349	Mafic Volcanic	71.10	799.00	3.00	13.80	14.30
152350	Mafic Volcanic	80.30	910.00	2.00	11.60	11.90
152352	Mafic Volcanic	51.60	244.00	0.00	10.90	11.60
152353	Mafic Volcanic	80.70	222.00	1.00	11.30	11.00
152354	Mafic Volcanic	80.60	417.00	1.00	12.50	11.90
152358	Mafic Volcanic	114.00	63.10	1.00	5.90	3.50
152359	Mafic Volcanic	78.20	602.00	0.00	20.70	17.90
152363	Mafic Volcanic	81.10	55.40	2.00	8.00	8.00
152364	Mafic Volcanic	109.50	120.50	6.00	15.80	12.10
152370	Mafic Volcanic	158.00	215.00	8.00	5.20	5.20
152371	Mafic Volcanic	127.50	57.60	11.00	8.40	8.80
152375	Mafic Volcanic	87.60	119.00	1.00	14.70	14.60
152377	Mafic Volcanic	113.00	303.00	4.00	13.80	13.70
152380	Mafic Volcanic	33.10	669.00	1.00	9.80	9.30
152356	Pillow Basalt	22.90	19.00	1.00	1.50	1.00

Sample #	Rock Type	Cu ppm	Ni ppm	Au ppb	Pt ppb	Pd ppb
152304	Quartz Vein	34.10	113.50	5.00	3.30	3.00
152368	Quartz Vein	3.60	75.50	2.00	0.30	0.40
152306	Ultramafic	49.30	1315.00	1.00	5.80	14.80
152307	Ultramafic	5.70	2160.00	1.00	3.80	3.30
152308	Ultramafic	25.40	2160.00	0.00	4.50	4.30
152316	Ultramafic	19.50	1915.00	0.00	3.30	2.40
152323	Ultramafic	76.10	3220.00	11.00	12.80	17.80
152324	Ultramafic	728.00	266.00	2.00	20.20	18.30
152328	Ultramafic	21.40	2060.00	1.00	4.40	3.50
152329	Ultramafic	36.40	175.50	0.00	12.80	10.80
152331	Ultramafic	81.90	263.00	0.00	14.40	12.90
152333	Ultramafic	77.70	38.20	1.00	1.70	1.70
152337	Ultramafic	59.90	173.50	0.00	15.20	14.10
152340	Ultramafic	55.80	1390.00	3.00	7.70	5.90
152341	Ultramafic	13.70	1090.00	2.00	5.90	4.90
152342	Ultramafic	18.00	1600.00	0.00	4.90	4.40
152343	Ultramafic	69.10	176.50	0.00	16.90	15.20
152344	Ultramafic	13.30	1280.00	2.00	3.20	2.50
152345	Ultramafic	20.20	1355.00	1.00	4.50	1.50
152351	Ultramafic	57.40	739.00	3.00	12.30	28.30
152365	Ultramafic	30.00	1770.00	0.00	4.90	5.00
152366	Ultramafic	73.10	1050.00	0.00	8.90	8.00
152369	Ultramafic	67.40	231.00	0.00	15.50	14.40
152372	Ultramafic	101.50	748.00	0.00	13.90	12.90
152373	Ultramafic	16.40	2250.00	0.00	3.30	2.90
152381	Ultramafic	186.50	932.00	2.00	6.20	4.30
152339	Volcaniclastic	20.00	57.70	0.00	0.30	0.00

Table 7. PXrf Data compilation for prospective elements.

Sample #	Rock Type	Cu ppm	Ni ppm	Fe ppm	Mn ppm	Cr ppm	Mg ppm
152302	Argillite	0	0	54316.45	0	0	22138.1
152367	Argillite	38.25	0	11271.37	0	0	0
152374	Argillite	59.55	0	77232.88	0	2499.64	0
152382	Argillite	0	0	22976.29	0	0	0
152312	Basalt	0	0	37567.8	0	0	0
152357	Basalt	65.6	87.81	35564.79	0	2812.91	50227.6
152361	Basalt	128.87	1174.04	34935.72	0	1048.27	37443.8
152318	Chert	0	0	88516.76	0	1688.81	92700.1
152319	Chert	0	0	63603.09	0	0	11422.7
152326	Chert	0	0	102559	2685.1	2533.09	48198.1
152347	Chert	218.5	193.29	44197.52	0	0	0
152362	Chert	0	0	35771.78	0	0	0
152305	Conglomerate	26.19	58.6	32604.13	0	1173.32	0
152309	Gabbro	0	0	47495.71	0	1993.97	0
152310	Gabbro	42.87	1088.42	66184.68	0	0	0
152314	Gabbro	36.32	419.38	58072.41	0	1871.51	44337.1
152320	Gabbro	0	280.21	67365.84	3022.67	3061.16	59083.1
152334	Gabbro	0	0	2758.21	0	0	0
152336	Gabbro	0	70.89	8150.55	0	0	0
152338	Gabbro	62.65	0	75655.09	0	0	16984.2
152376	Gabbro	0	0	59934.23	3941.92	0	0
152378	Gabbro	0	291.34	95183.61	0	0	0
152379	Gabbro	73.37	564.3	170713.3	4794.26	2574.18	33793.7
152335	Intermediate Intrusive	159.72	0	315894.8	0	0	0
152315	Intermediate Volcanic	41.09	635.8	54284.56	0	0	16007.1
152321	Komatiite	31.23	171.83	52854.53	0	0	0
152322	Komatiite	58.85	259.57	37521.43	0	0	0

Sample #	Rock Type	Cu ppm	Ni ppm	Fe ppm	Mn ppm	Cr ppm	Mg ppm
152355	Mafic Intrusive	59.01	103.06	69271.34	0	2839.75	103053
152360	Mafic Intrusive	0	852.31	79890.94	0	0	40481.6
152303	Mafic Volcanic	0	704.59	64910.33	0	0	15246.4
152311	Mafic Volcanic	43.45	272.07	62165.9	0	1644.47	17314
152313	Mafic Volcanic	55.83	294.71	56287.98	0	0	10704.2
152317	Mafic Volcanic	84.71	1929.99	84095.05	0	0	0
152325	Mafic Volcanic	0	0	31255.73	0	0	0
152327	Mafic Volcanic	0	469.44	73986.25	0	0	0
152330	Mafic Volcanic	113.48	219.16	94985.48	0	0	0
152332	Mafic Volcanic	123.7	118.88	92186.2	0	0	29701.4
152346	Mafic Volcanic	58.93	1593.74	43692.07	0	0	0
152348	Mafic Volcanic	132.95	556.69	35697.79	0	0	0
152349	Mafic Volcanic	0	338.33	72326.17	0	2825.29	22577
152350	Mafic Volcanic	0	461.83	64587.2	0	6606.41	71140.8
152352	Mafic Volcanic	0	149.92	78978.8	0	2873.19	99775.9
152353	Mafic Volcanic	52.67	99.38	91058.31	0	0	0
152354	Mafic Volcanic	70.2	426.5	67467.65	0	5786.73	49258.1
152358	Mafic Volcanic	85.33	64.88	85367.09	0	7846.19	42995.6
152359	Mafic Volcanic	49.92	347.17	73104.06	3433.47	3779.3	11817.5
152363	Mafic Volcanic	123.08	80.91	134125.1	0	0	0
152364	Mafic Volcanic	0	0	80311.85	0	0	0
152370	Mafic Volcanic	0	0	73540.44	0	2813.51	0
152371	Mafic Volcanic	342.43	649.89	83783.6	0	2061.17	0
152375	Mafic Volcanic	38.21	0	123662.1	4914.7	2268.12	0
152377	Mafic Volcanic	107.3	324.57	107663.9	0	0	0
152380	Mafic Volcanic	59.28	612.22	15081.57	0	0	0
152356	Pillow Basalt	0	0	101452.7	0	0	22833.1
152304	Quartz Vein	0	106.3	84562.52	0	0	10769.1
152368	Quartz Vein	0	0	4697.48	0	0	0

Sample #	Rock Type	Cu ppm	Ni ppm	Fe ppm	Mn ppm	Cr ppm	Mg ppm
152306	Ultramafic	148.92	1598.7	75264.34	0	0	0
152307	Ultramafic	0	1532.55	93286.03	0	0	18411
152308	Ultramafic	0	1889.08	68662.24	0	0	20769.8
152316	Ultramafic	0	1189.23	75409.63	0	0	64235.1
152323	Ultramafic	43.09	1923.66	68468.75	0	0	0
152324	Ultramafic	509.51	699.47	1433.77	0	0	0
152328	Ultramafic	0	1831.12	126106.3	0	0	0
152329	Ultramafic	0	148.68	98204.89	0	0	0
152331	Ultramafic	90.93	260.14	77235.07	0	3625	89656.7
152333	Ultramafic	0	0	86097.26	0	3012.64	57831
152337	Ultramafic	0	178.63	99335.36	0	0	0
152340	Ultramafic	0	901.45	2748.61	0	0	0
152341	Ultramafic	0	827.23	111122.7	0	2571.84	50751.5
152342	Ultramafic	0	1395.55	35904.95	0	0	0
152343	Ultramafic	127.81	139.28	64543.33	14674.16	0	0
152344	Ultramafic	0	1298.82	81163.1	0	0	33090.3
152345	Ultramafic	43.78	1372.27	64245.44	0	2591.35	120777
152351	Ultramafic	0	561.28	83556.9	0	0	0
152365	Ultramafic	0	1367.86	67766.31	0	0	0
152366	Ultramafic	42.98	757.59	102998.5	0	0	0
152369	Ultramafic	396.91	846.38	90387.3	0	0	0
152372	Ultramafic	0	536.07	30491.34	0	0	0
152373	Ultramafic	0	2000.99	87738.84	3336.56	0	0
152381	Ultramafic	204.3	1384.42	129350.9	4615.3	2183.08	0
152301	Volcaniclastic	0	242.93	135625.6	4970.58	3401.61	0
152339	Volcaniclastic	0	0	70719.31	0	0	0

Table 8. Xrf data compilation based on rock type and element type, Mean, median, min, max and sample quantity.

Ultramafic	**Mean**	**Median**	**Minimum**	**Maximum**	**Count**
Cu ppm	1022.56	1045.34	0	2000.99	24
Ni ppm	5.13	0	0	509.51	24
Fe ppm	2387.26	2573.01	0	7846.19	24
Cr ppm	92926.82	80527.02	34935.72	315894.84	24
Mafic	**Mean**	**Median**	**Minimum**	**Maximum**	**Count**
Cu ppm	21.52	0.00	0.00	73.37	10
Ni ppm	271.45	175.55	0.00	1088.42	10
Fe ppm	68047.48	69629.09	30491.34	102998.45	10
Cr ppm	452.71	0.00	0.00	2533.09	10
Gabbro	**Mean**	**Median**	**Minimum**	**Maximum**	**Count**
Cu ppm	21.52	0.00	0.00	73.37	10
Ni ppm	271.45	175.55	0.00	1088.42	10
Fe ppm	68047.48	69629.09	30491.34	102998.45	10
Cr ppm	452.71	0.00	0.00	2533.09	10

M. CONCLUSION AND RECOMMENDATIONS

Based on the results the following conclusions are made:

1) Further prospecting along zones with Ultra Mafics on Surface is needed to determine potential
2) Surficial overburden in several target areas limited prospecting

Recommendations are:

1) Backpack drilling on previously sampled areas that show high-grade potential
2) Complete biogeochemical survey over areas with mag targets and surficial overburden. Here we can look for Ni-Cu-Co + PGE and Au
3) Potential drone Lidar survey target areas, which can be followed up with more detailed prospecting
4) Drill holes to follow up Ultra Mafic outcrops in southern portion of property

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Map P.2856: Horne Township, Geological Series – Preliminary Map, Ontario Geological Survey, 1985.

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Sample ID	Date (Ctrl+;)	Easting	Northing	Zone	Sample type	Source	Sample length (m)	Lithological Code	Rock Type	Sub Rock Type	Rock Texture	Alteration	Alteration Intensity	Roundness	Spericity
152301	2021-09-02	295523.017	5377786.605	16U	Grab	Outcrop	N/A	VOLC	Volcaniclastic		Conglomeratic	N/A	N/A	Rounded	Moderate
152302	2021-09-02	295792.474	5377867.878	16U	Grab	Outcrop	N/A	ARGL	Argillite		Massive	Fe-Oxidation	Weak		
152303	2021-09-02	296089.972	5378142.344	16U	Grab	Outcrop	N/A	MAFV	Mafic Volcanic		Brecciated	Fe-Oxidation	Weak	Angular	Low
152304	2021-09-02	296146.019	5378163.132	16U	Grab	Outcrop	N/A	QTZV	Quartz Vein			N/A	N/A		
152305	2021-09-02	296868.962	5378236.323	16U	Float	Boulder	N/A	CONG	Conglomerate		Conglomeratic	N/A	N/A	Rounded	High
152306	2021-09-02	296836.13	5378067.685	16U	Grab	Outcrop	N/A	UTMF	Ultramafic		Massive	serpentine	moderate		
152307	2021-09-02	296836.13	5378067.685	16U	Grab	Outcrop	N/A	UTMF	Ultramafic		Massive	serpentine	Weak		
152308	2021-09-02	296815.852	5378021.898	16U	Grab	Outcrop	N/A	UTMF	Ultramafic		Massive	serpentine	moderate		
152309	2021-09-02	296665.903	5377902.105	16U	Grab	Outcrop	N/A	GBBO	Gabbro		Massive	Fe-Oxidation	weak		
152310	2021-09-02	296394.039	5377706.477	16U	Grab	Outcrop	N/A	GBBO	Gabbro		Massive	serpentine	weak		
152311	2021-09-03	294633.313	5377086.869	16U	Grab	Outcrop	N/A	MAFV	Mafic Volcanic		Brecciation	Calcite	Weak	Angular	Low
152312	2021-09-03	294672.491	5377045.937	16U	Grab	Subcrop	N/A	BAST	Basalt		Massive	Fe-Oxidation	Weak		
152313	2021-09-03	294654.286	5376950.002	16U	Grab	Outcrop	N/A	MAFV	Mafic Volcanic		Pillow?				
152314	2021-09-03	294718.22	5376953.352	16U	Grab	Outcrop	N/A	GBBO	Gabbro		Massive	Fe-Oxidation	Weak		
152315	2021-09-03	294626.787	5377100.572	16U	Grab	Outcrop	N/A	INTM	Intermediate Volcanics		Massive	Fe-Oxidation	Weak		
152316	2021-09-03	294848.95	5377331.759	16U	Grab	Outcrop	N/A	UTMF	Ultramafic		Massive				
152317	2021-09-03	294825.604	5377303.785	16U	Grab	Outcrop	N/A	MAFV	Mafic Volcanic		Massive	Fe-Oxidation	Weak		
152318	2021-09-03	294936.468	5377353.507	16U	Grab	Outcrop	N/A	ARGL	Argillite		Fissile				
152319	2021-09-03	295035.822	5377424.348	16U	Grab	Outcrop	N/A	ARGL	Argillite		Massive	Fe-Oxidation	Weak		
152320	2021-09-03	295197.985	5377465.757	16U	Grab	Outcrop	N/A	GBBO	Gabbro		Massive				
152321	2021-09-03	295264.034	5377492.963	16U	Grab	Outcrop	N/A	KOMT	Komatiite	Komatiite	Spinifex				
152322	2021-09-03	295333.083	5377511.157	16U	Grab	Boulder	N/A	KOMT	Komatiite	Komatiite	Spinifex	Fe-Oxidation	Weak	Angular	Low
152323	2021-09-03	294909.939	5377376.283	16U	Grab	Trench	N/A	UTMF	Ultramafic		Brecciation			Sub-angular	Low
152324	2021-09-03	294895.936	5377381.577	16U	Grab	Trench	N/A	UTMF	Ultramafic		Massive	Fe-Oxidation	moderate		
152325	2021-09-04	295236.694	5378065.856	16U	Grab	Outcrop	N/A	MAFV	Mafic Volcanic		Porphyritic				
152326	2021-09-04	295131.026	5378038.643	16U	Grab	Outcrop	N/A	CHRT	Chert		Massive	Fe-Oxidation	Weak		
152327	2021-09-04	295206.64	5377500.498	16U	Grab	Outcrop	N/A	MAFV	Mafic Volcanic		porphyritic	Fe-Oxidation	moderate		
152328	2021-09-04	295182.633	5375601.714	16U	Grab	Outcrop	N/A	UTMF	Ultramafic		Massive	serpentine	moderate		
152329	2021-09-04	295146.868	5375629.052	16U	Grab	Outcrop	N/A	UTMF	Ultramafic	Komatiite	Spinifex	serpentine	moderate		
152330	2021-09-04	295128.501	5375868.872	16U	Grab	Outcrop	N/A	MAFV	Mafic Volcanic		pillows	Fe-Oxidation	Weak		
152331	2021-09-04	295209.568	5375852.911	16U	Grab	Outcrop	N/A	UTMF	Ultramafic	Komatiite	Spinifex	Chlorite	Weak		
152332	2021-09-04	295212.19	5375853.817	16U	Grab	Outcrop	N/A	MAFV	Mafic Volcanic		Massive	Chlorite	Weak		
152333	2021-09-04	294840.94	5375880.427	16U	Grab	Outcrop	N/A	UTMF	Ultramafic		Massive	Silicification	Weak		
152334	2021-09-04	294818.401	5375895.157	16U	Grab	Outcrop	N/A	GBBO	Gabbro		Equigranular	Chlorite	Weak		
152335	2021-09-04	296836.13	5378067.685	16U	Grab	Outcrop	N/A	INTI	Intermediate Intrusives		Porphyritic				
152336	2021-09-05	294630.46	5375479.768	16U	Grab	Outcrop		GBBO	Gabbro		eguagranular mg homogenous				
152337	2021-09-05	294654.967	5375462.184	16U	Grab	Outcrop		UTMF	Ultramafic		porphyritic				
152338	2021-09-05	294753.605	5375441.126	16U	Grab	Outcrop		GBBO	Gabbro		Medium to Course grained	Chlorite	wk		
152339	2021-09-05	294420.595	5375614.828	16U	Grab	Outcrop		VOLC	Volcaniclastic		porphyritic	Silicification	wk	Sub-angular	
152340	2021-09-06	292970.332	5374428.95	16U	Grab	Outcrop		UTMF	Ultramafic		Massive	Fe staining, Chlorite, Carbonate	Mod, Mod (only on fracture surfaces), mod Carb diss in rock and in mm stringers.		
152341	2021-09-06	292987.776	5374426.969	16U	Grab	Outcrop		UTMF	Ultramafic		Massive	Fe staining, Chlorite, Carbonate	wk, mod, carb mod to str veining stockwork		
152342	2021-09-06	293279.044	5374247.262	16U	Grab	Outcrop		UTMF	Ultramafic		Massive	Fe staining, serpentine, carb	wk fe on weathered surface. serpentine seen as green hue and in slick and slides and wk carb		
152343	2021-09-06	293240.509	5374299.453	16U	Grab	Outcrop		UTMF	Ultramafic	Komatiite	Spinefex	Fe staining, serpentine, carb	fe staining on weathered and fractures, wk serpentine		
152344	2021-09-06	293063.049	5374447.81	16U	Grab	Outcrop		UTMF	Ultramafic		Stockwork, Sheared	Carbonate, chl,	Strong, mod		
152345	2021-09-06	292757.743	5374718.644	16U	Grab	Outcrop		UTMF	Ultramafic		Stockwork, Sheared	Carbonate, Chl	Strong, mod		

Sample ID	Date (Ctrl+;)	Easting	Northing	Zone	Sample type	Source	Sample length (m)	Lithological Code	Rock Type	Sub Rock Type	Rock Texture	Alteration	Alteration Intensity	Roundness	Spericity
152346	2021-09-06	292643.332	5374772.92	16U	Grab	Outcrop		MAFV	Mafic Volcanic		Massive	Fe staining, Carbonate	wk on fracture surfaces, mod carb diss and in mm stockworks		
152347	2021-09-06	292553.718	5374824.398	16U	Grab	Outcrop		ARGL	Argillite		Aphanetic	fe staining	Str on weathered, py nodules ~1cm and calcite rims on nodules		
152348	2021-09-06	292569.664	5374837.613	16U	Grab	Outcrop		MAFV	Mafic Volcanic		Brecciation	Silicification, Carbonation, Fe staining	str sil, wk carb, str fe Staining on weathered surfaces and fractures		
152349	2021-09-06	292561.248	5374828.017	16U	Grab	Boulder		MAFV	Mafic Volcanic		Brecciation	Fe Staining	dark red to yellow highly oxidized mafic rock		
152350	2021-09-06	292574.44	5374842.779	16U	Grab	Outcrop		MAFV	Mafic Volcanic		Massive	Chlorite, Carbonate	fe staining on weathered and fractures, wk carb diss througout		
152351	2021-09-07	292661.138	5375741.372	16U	Grab	Outcrop		UTMF	Ultramafic		Massive	Chlorite	Weak		
152352	2021-09-07	292352.418	5375785.325	16U	Grab	Outcrop		MAFV	Mafic Volcanic		Aphanitic	Carbonate, chl,	moderate		
152353	2021-09-08	293068.292	5376020.015	16U	Grab	Subcrop		MAFV	Mafic Volcanic		Massive	Carbonate, Chl	moderate		
152354	2021-09-08	293323.251	5376243.158	16U	Grab	Outcrop		MAFV	Mafic Volcanic		Pillow; weak - moderate Brecciation	Carbonate, Chl	weak		
152355	2021-09-09	292422.14	5375138.84	16U	Grab	Outcrop		MAFINT	Mafic Intrusive		Massive	Fe staining, Carbonate	fe on weathered surface, carb diss throughout and infrac fill		
152356	2021-09-09	292253.538	5375128.012	16U	Grab	Outcrop		BASP	Pillow Basalt		Quartz Vein	Carbonate, Fe Staining	mod within qtz vein, throughout rock, dominantly on fracture surfaces		
152357	2021-09-09	292282.491	5375237.458	16U	Grab	Outcrop		BASLT	Basalt		Quartz Vein	Fe staining, Carbonate	fe on weathered surface, carb diss throughout and infrac fill		
152358	2021-09-09	292450.17	5375299.736	16U	Grab	Outcrop		MAFV	Mafic Volcanic		Massive	Fe staining	fe staining on weathered surface		
152359	2021-09-09	292492.38	5375182.332	16U	Grab	Outcrop		MAFV		Massive Basalt	Massive	Carbonate, Chl	moderate; weak		
152360	2021-09-09	292495.719	5375126.231	16U	Grab	Outcrop		MAFINT	Mafic Intrusive	Gabbro	Massive	Carbonate, Chlorite	mod carb in irregular veining, chl within veining and overprinting amph grains		
152361	2021-09-09	292539.02	5374961.935	16U	Grab	Boulder		BASLT	Basalt	Basalt	Massive	Fe staining, Carbonate	Str Fe staining on weathered surfave, wk carb on fracture surfaces		
152362	2021-09-09	292541.973	5374802.683	16U	Grab	Outcrop		CHRT	Chert	Massive	Fe staining	str Fe staining on weathered surfaces			black
152363	2021-09-09	292436.273	5374647.868	16U	Grab	Outcrop		MAFV	Mafic Volcanic	Massive Basalt	Qtz Veining	Carbonate, Chl	moderate		
152364	2021-09-09	292448.178	5374673.918	16U	Grab	Outcrop		MAFV	Mafic Volcanic	Shear Zone	Fe staining, Carbonate,	Str fe staining on fracture surfaces and weathered surfaces. Carb stockwork veining along strike with shear zone.			fg grey green
152365	2021-09-10	292553.08	5374365.911	16U	Grab	Outcrop		UTMF	Ultramafic		Massive	Fe-Oxidation	Weak		
152366	2021-09-10	292567.487	5374361.375	16U	Grab	Boulder		UTMF	Ultramafic	Massive	Fe staining	Mod fe staining on weathered surface			black grey
152367	2021-09-10	292646.793	5373897.839	16U	Grab	Outcrop		ARGL	Argillite	Aphanetic	Fe staining, silicification	str fe staining along fracture surfaces and weathered surfaces, silicification in irregular milky white to opaque ~5mm veining. Pyrite seen along qtz veins.			black grey
152368	2021-09-10	292647.207	5373901.051	16U	Grab	Outcrop		QTZV	Quartz Vein		Qtz Veining	Fe-Oxidation	weak		
152369	2021-09-10	292818.98	5373755.304	16U	Grab	Outcrop		UTMF	Ultramafic	Komatiite	serp? chl? very soft. Carbonate	very soft on outcrop, easily scratched. with a green hue over rock, wk to mod chl.			med grey to green.
152370	2021-09-10	292898.256	5373839.552	16U	Grab	Outcrop		MAFV	Mafic Volcanic	Shear, in Breccia	fe staining	str fe staining along fractures and weathered surfaces	Sub-rounded		black to grey
152371	2021-09-10	293036.06	5373801.263	16U	Grab	Outcrop		MAFV	Mafic Volcanic	Aphanetic	Fe Staining, Qtz	str limonite to red yellow on weathered surface. weathering goes down severeal cms into bedrock. Qtz has secondary growth on fracture surfaces.			black
152372	2021-09-10	293378.75	5374171.944	16U	Grab	Outcrop		UTMF	Ultramafic	Komatiite	serp? chl? very soft. Carbonate	very soft on outcrop, easily scratched. with a green hue over rock, wk to mod chl.			med grey to green.
152373	2021-09-10	293484.779	5374111.866	16U	Grab	Outcrop		UTMF	Ultramafic	Aphanetic	Serpentine				black ish green
152374	2021-09-10	293353.971	5373961.737	16U	Grab	Boulder		ARGL	Argillite	Aphanetic	Silicification, Fe staining	mod, overprinting rock, making it very hard. fe staining on weathered surface			light grey with fg black mm whisps

Sample ID	Date (Ctrl+;)	Easting	Northing	Zone	Sample type	Source	Sample length (m)	Lithological Code	Rock Type	Sub Rock Type	Rock Texture	Alteration	Alteration Intensity	Roundness	Spericity
152375	2021-09-10	293316.726	5373962.877	16U	Grab	Outcrop		MAFV	Mafic Volcanic	Aphanetic	Fe staining, Chlorite	fe staining on weathered surface, and chl wk overprinting rock			med grey green
152376	2021-09-07	292265	5375628	16U	Grab	Outcrop		GBBO	Gabbro		Massive	Chlorite, Fe staining	wk diss throughout and fe is on weathered surface		
152377	2021-09-07	292212.421	5375793.591	16U	Grab	Outcrop		MAFV	Mafic Volcanic		Massive	Chlorite, Silicification, Carbonation	wk, mod, wk along fracture surfaces and in mm stringers		
152378	2021-09-08	293235.05	5376189.297	16U	Grab	Outcrop		GBBO	Gabbro		Massive	Carbonate, silicification	mod fracfill, wk sil overprint (very hard)		
152379	2021-09-08	293201.241	5376364.59	16U	Grab	Outcrop		GBBO	Gabbro		Massive, wk Brecciation	Carbonate, Chl	Mod carb, wk chl		
152380	2021-09-08	293201.781	5376441.916	16U	Grab	Outcrop		MAFV	Mafic Volcanic		Massive	Carbonate, Chl	Mod carb, wk chl		
152381	2021-09-08	293178.091	5376517.904	16U	Grab	Outcrop		UTMF	Ultramafic		Massive	Carbonate, chl, Fe staining	mot to wk carb, mod chl, wk fe on fresh surface		
152382	2021-09-08	293702.044	5376093.643	16U	Grab	Boulder		ARGL	Argillite		Brecciation	Qtz; Carb;	weak	Sub-angular	Low

Sample ID	Colour - Fresh	Colour - Weathered	Grain Size - Min	Grain Size - Max	Sulphide%	Mineralization Type	Mineralized Description	Outcrop Description	Structural Type 1
152301	Creamy White		Fine	Coarse	1	py		5x5m outcrop	
152302	Dark Grey		Aphanitic	fine				OC on NW slop of hill	
152303	Creamy White/green		Aphanitic	fine	1	py		Prominent ridge ~2x8m	
152304	Milky White	White	fine	medium				20mx10m dome shaped outcrop.	
152305	Grey	Light Brown	Fine	Coarse	tr	py		3mx3m boulder	
152306	Dark Grey	green brown	Aphanitic	fine				30mx10m outcrop ridge up to 3m high. Outcrop concealed by moss cover	
152307	Dark Grey/black	Dark Brown	Aphanitic	fine					
152308	Dark Grey/black	Dark Brown	Aphanitic	fine	1	py		20mx10m escarpment on east side of swamp.	Fault
152309	Dark Grey	Brownish Red	Fine	medium	tr	py		Small outcrop in dense bush	
152310	Dark Green/Grey	Brown	Fine	medium					
152311	dark grey	Brown	Aphanitic	fine				20m long outcrop	
152312	Grey	Orange Brown	Aphanitic	fine	1	py		Subcrop below ~30cm of till cover	
152313	Dark Green/black	Brown	Aphanitic	fine	tr	py		5mx2m outcrop on small slope	
152314	dark grey	dark brown	Aphanitic	Aphanitic	1	py		3mx2m with multiple small outcrops in the area	
152315	Medium Grey	Dark Brown	Aphanitic	fine	2	py		Large descrete outcrops which all appear to be mafic volcanics. Outcrop is expressed by a tall ridge	
152316	Dark Grey/black	Dark Brown	Fine	medium				Ultramafic peridotite outcrop	
152317	Dark Grey	Pale White	Aphanitic	fine					
152318	Black	dark grey	Aphanitic	fine				5mx10m outcrop representing chert/graphite horizon	
152319	Black	dark grey	Aphanitic	fine				Dried up stream/lake bed near swamp	
152320	Dark Green Grey	grey black	Fine	medium				Small outcrop on the edge of a ridge	
152321	green/Grey	Pale Green	Aphanitic	fine	tr	py		Small 3mx5m. Brecciation with subangular clasts of Komatiite. Matrix of breccia is aphanitic black mineral (Chert/graphite?)	
152322	green/Grey	Pale Green	Aphanitic	fine	8	py		Small 30cm long boulder rich in sulphides	
152323	Dark Grey/Black	Dark Grey	Aphanitic	fine	1	py		Historical trench with up to 4000ppm Ni	
152324	Dark Grey/Black	purple brown	Aphanitic	fine	6	cpy; py		Historical trench with up to 4000ppm Ni (Russells Trench)	
152325	salt and pepper look, light to med grey.	pale white with slight green hue	Fine	Medium	none			large ridge outcrop on NE edge of the EM target 5A/B	
152326	grey/black	black	Very fine	Fine	none			small 1x2 m outcrop on the SW downslope of a hill. low laying area down slope. graphite/chert OC may be reasoning for EM 5A/B. aphanetic massive chert/graphite oc. no structures or veining present	
152327	pink ish red to brown	dark grey ish green	Very fine	Medium	~.5% euhedral py. ~2mm		diss throughout rock	larger 10x15 m outcrop at top of ridge.	
152328	dark grey/black with a green hue.	dark brown to black	Very fine	Medium	none			large 30x40m island of UM rocks. A lot of fe staining and weathering on surface but no sulphides.	
152329	dark grey/black with a slight pale blue tinge	light grey/brown	Fine	Coarse	none			large outcrop on the West side of small island with UM rock.	
152330	dark to light grey, with a green hue	light brownish red	Aphanitic	fine	tr	Py		5x3 m pillow basalt outcrop, with multiple phases, from lots of pillows to finner grained. possible contact with brecciated komatite aswell.	
152331	dark grey aphanetic	pale white to brown	Aphanitic	fine	none			3x2 komatite outcrop on edge of lake near pillow basalt.	
152332	dark grey/black	pale white/peach	Aphanitic	Very fine	tr	Py	diss throughout	small 2m oc, covered by trees	
152333	dark grey	pale grey to brown	Aphanitic	Very fine	tr	Py		outcrop on west shore of thunder lake. outcrop showing on ridge	
152334	dark greyish green	pale white to brown/peach	Medium	Coarse	tr	Py	~2mm subhedral	outcrop on east edge of ridge.	
152335	light grey pale	pale brown/creamy white	Fine	Medium	none	magnitite. ~ 5% ~2mm euhedral to subhedral	diss throught rock	small outcrop 1x2 m on small raised area	
152336	med to dark grey	dark grey to brown	Fine	medium	none			large 10x8 outcrop on North side of lake near EM.	
152337	dark greyish brown	pale white to brown	Medium	Coarse	none			large 20x10m on north edge of swamp near EM conductor.	
152338	light greyish green	dark grey/brown. some sections have a red hue	Medium	Coarse	~2%	Diss po. ~1mm	diss throughout rock.	large OC on S side of peridotite lake.	
152339	dark to light grey	pale white to med brown	Very fine	Medium	none			small outcrop near end on EM target	
152340	dark grey to black green	dark greyish green with fe staining	Fine	Medium	none			large 50x4(high) outcrop on side of road. recently cleared off by road builders. large fault zone present on side of outcrop. sample was taken from shear zone and sample 152341 was taken from un faulted zone. wk magnetism	Fault
152341	greenish black/grey	light brown to dark grey	Fine	Medium	none			Same as 152341, but just east of the fault zone in less altered rock.	
152342	black with green hue	dark brown black.	Fine	Medium	~.5	~trace cpy, po ~.5%	diss throughout and some concentrated along fractures	outcrop zone along road cut. several angular boulders present and small outcrops availible along roads.	
152343	dark grey black green	pale brown/grey	Fine	Coarse	~10%	diss blotchy py/po(slightly magnetic) blotches ~7mm in size.		large gossan outcrop on road cut. sample was taken from gossan zone	Bedding
152344	pale grey ish white with green hue	pale white to dark green	Fine	Medium	none			2x3 m outcrop with intense carbonate stockwork veining.	Shear
152345	pale greenish grey	dark grey to brown	Fine	Medium	none			5x2 m outcrop on edge of depressed area on EM target	Shear

Sample ID	Colour - Fresh	Colour - Weathered	Grain Size - Min	Grain Size - Max	Sulphide%	Mineralization Type	Mineralized Description	Outcrop Description	Structural Type 1
152346	dark greyish green	pale white /brown	Aphanitic	Fine	~1%	Diss Py trace Po	diss throught, small blebbs as well.	small 2x3 m outcrop on the side of ride	
152347	black	limonite yellow to red and black, highly weathered	Aphanitic	Very fine	trace	relect py nodules ~1cm		small showing of OC 1x2 m on rock cut. one or 2 outcrops showing. near UM outcrop	
152348	dark greyish black with a green hue	Fe-Stained redish brown.	Fine	Medium	~5% , ~10% Locally	Py with trace Po(wk magnetic)		small outcrop 1x1 on road cut near conductor and graphite/chert oc	
152349	dark grey to black	dark red to brown	Fine	Medium	~7% locally ~20%	Diss Py with trace Cpy?		small boulder found near possible contact btw graphite and mafics	
152350	dark grey with a green tinge	light brown to red	Aphanitic	Fine	~3%	Diss Py		small 5x5 outcrop on road clearing.	
152351	greyish Blavk	dark red to brown	Fine	medium	none			Small 1mx1m section. Hand to dig below moss to expose	
152352	grey green	reddish brown	Aphanitic	Fine	none			small 5mx1m east facing moss covered slope. Had to peel moss to expose rock	
152353	Medium Grey	brown	Aphanitic	Fine	1	po	diss po. most found adjacent to carbonate vein	small subcrop ~1m x 5m, moss covered	
152354	grey green	Light Brown	Aphanitic	Fine	tr	py	diss throughout	large 10m tall ridge with runs for > 20m. Near vertical and faces SE 10m for lake	
152355	light to med grey	pale white to brown	Medium	Medium	trace	Pyrrhotite	diss throughout, with some concentration along fractures mm scale	large 20x10 m outcrop of mafic intrusive "gabbro" homogenous mg massive, with ~60% plag with trace qtz, and ~35% amph? diss po some magnetism present and mod diss carb alt.	
152356	host is fg aphanetic and black/grey, vein is milky white to opaque.	Med grey to green	Aphanitic	Very fine	trace	Pyrite	Diss in veinging mm grains	small outcrop showing 1x1 under tree	Vein
152357	fg grey/green to black	pale brown to pale white	Aphanitic	Very fine	trace	Pyrite	Diss througout and concentrated in qtz/carb veining	large 20×10m outcrop visible due to road cut. mild shearing? seen on oc, and where shearing is more intense so is carb/qtz veining.	
152358	dark grey to black	dark brown to red	Aphanitic	Fine	~3%	Pyrite	~2mm subhedral diss py.	small 2x3 outcrop on road cut.	
152359	grey green	light brown	Aphanitic	Fine	3	po	mm-scale po disseminated throughout exhibiting weak magnetics	outcrop exposed NE of new road cut. some glacial striae visible on rounded surfaces (1	Glacial striae
152360	med grey to opaque grey, mix of plag and amph	pale white to brown	Medium	Coarse	none			5x3m outcrop on road cut. slight spinifex texture?? 4mm long prismatic mm width. no spinifex on fresh? only weathered?	
152361	black to grey	limonite orange yellow to red, some dark grey/black patches	Aphanitic	Fine	~5%	Pyrite	Diss throughout ~5% pyrite with ~10% locally. Trace diss Po	large area 5x3 with several angualr weathered boulders. Provence is presumed to be close.	
152362	dark grey to blacl	Aphanitic	Very fine			relect pyrite nodules trace ~1cm round weathered out nodules	5x6 m outcrop with shearing on road cut	Shear	286/84
152363	grey green; milky white qtz	Orange Brown	Aphanitic	Aphanitic	1	py; cpy	Vein associated pyrite and cpy? mineralization. found in bith wall rock and within vein	recently excavated rock outcrop exposure.	Vein
152364	orange red to dark grey green	Aphanitic	Very fine	none				Shear	263/86
152365	black	reddish brown	Aphanitic	Fine	none			Outcrop exposed in excavation pit along roadside. 8m x 2m	
152366	black with brown to red weathered spot	Aphanitic	Medium	~1%	Pyrite	diss througohut in~2mm subhedral to eubedral grains	large angular boulder patch with rusted UM rock fragments		
152367	red to brown fe staining	Aphanitic	Very fine	~2%	Pyrite	diss in qtz veins and along fractures	fg aphanetic outcrop on road cut. sample was taken from 50cm shear zone that is heavily oxidized	Shear	358/90
152368	milky white	drak red brown	Fine	Medium	none			west facing roadside outcrop ridge 20m x 2m tall	Vein
152369	pale white	Aphanitic	Very fine	none			outcrop is 3x2m with a very prismatic needle like look, with orientations grains in a patterned look. orientation almost looks folded? fractures along outcrop create micro offsets in the grains.		
152370	pale orange to red	Aphanitic	Medium	~5%	Pyrite	diss withing viens ~1cm and diss throught gnass and clast.	large area 5x8 full of rubble, i was able to find a piece of outcrop with a oxidized shear zone to grab a sample		
152371	limonite yellow to orange to red	Aphanitic	Very fine	~6%, trace	Pyrite, Cpy	fg diss through and in large blebs ~1cm and rounded	small 1x.5m outcrop of gossan rich mafic rock		
152372	plae white to brown	Aphanitic	Very fine	none			large komatiite outcrop on the side of road.		
152373	light green to black	Aphanitic	Very fine	none			small 3x4 UM outcropp with str chl serp alt		
152374	brown to red fe staini g	Aphanitic	Very fine	~3%	Pyrite	diss throught fg to 4mm subhedral blebs.	taking from rubble are with very angular boulders. provinence seems fairly close		

Sample ID	Colour - Fresh	Colour - Weathered	Grain Size - Min	Grain Size - Max	Sulphide%	Mineralization Type	Mineralized Description	Outcrop Description	Structural Type 1
152375	pale orange to white	Aphanitic	Fine	~2%	Pyrite, trace Po	diss throughout, some ~5mm subhedral blebs present. trace po diss, wk magnetism. Sulphides are along fractures.	outcrop on road cut 10x3 m alot of angular rubble with small 1x1 out crops underneath rubble		
152376	dark grey to black with green hue	pale to dark brownish grey	Aphanitic	Fine	~1%	Diss Py		large 20x5 m outcrop on road cut	
152377	darg greyish green	pale white to brown	Aphanitic	Fine	Trace	Pyrite	diss	large 30x20m outcrop making up most of down slope or hill. at the end of clear cut.	
152378	med to dark grey with a slight green hue	med to dark brown	Fine	Medium	none			small outcrop 1x1 in low laying area	
152379	med to dark grey with a slight green hue	med to dark brown	fine	medium	none			small 8x3 m outcrop on small ridge in low laying area	
152380	Dark Green/Grey	med brown to grey	Fine	Medium	trace	Pyrite	diss in ~3mm subhedral grains.	small outcrop on hill. 1x1	
152381	dark dark grey to black	dark brown with wk fe staining	Fine	Medium	trace	Pyrite	~2mm sunhedral to euherdral diss grains	large 10m high 30 m wide outcrop ridge near the end of EM target	
152382	grey/black	Brown	Aphanitic	Fine	3	py	diss throughout; mm scale subhedral	small 30cm x 30cm subangular boulder with medium grained Pyrite and stockwork qtz veining with chert lenses.	

Sample ID	Structural Measurement (strike/dip RHR) 1	Structural Type 2	Structural Measurement (strike/dip RHR) 2	Observations/Comments
152301				Potential Trachyite texture. Local brecciation with fine grained black chert horizon. 1% euherdal Pyrite
152302				~60% graphite and chert; Frequent qtz veinlets
152303				Weak chlorite alteration. Fine grained graphite
152304				Frequent parallel veins sets averaging 1cm in thickness
152305				Polymictic conglomeratic boulder with black and light grey chert clasts. Locally 80% clasts.
152306				Local pitted weathering (olivine?) no sulphides observed
152307				Opaque green subhedral crystals
152308	232/34	Fault	244/34	1mm-5mm sporadic calcite veins. Historical Sample location
152309				60-70% mafics with trace pyrite
152310				Possibly peridotite if subhedral round clasts are olivine. Weak chlorite alteration present. Slightly fissile
152311				Mafic Volcanic, with brecciated lenses, wk fe staining in clast, clast are angular.
152312				Sample taken from the area that had ~1% Ni assay. No outcrop was visible. Sample had to be dug out.
152313				Potential brecciation instead of pillow texture. Black round rims around rock (salvages or breccia fill?)
152314				Potential for patches of fine grained graphite \
152315				Rock is competent proving hard to break. Potential for moderate silicitication. Local 2% sulphides
152316				~75% dark mafic minerals. 20% plag. 5% olivine?
152317				Trace mm qtz stringers.
152318				Moderate to strong graphite present in the sample mixed with chert. Local shear textures?? Trace mm qtz stringers
152319				Relic pyrite globular pyrite nodules that have been weathered out which is attributed to the Fe staining.
152320				~75% pyx; ~25% plag seem on weathered surfaces. No sulphides visible
152321				
152322				Many sulphide bearing boulders in the area. No visible outcrop.
152323				One 1mm clast with light grey-green infill. Moderate brecciation
152324				Sample taken at contact between ultramafics and graphitic chert horizon (argillite). Outcrop has trace cpy as fracture fill locally. Pyrite was ~5% and disseminated throughout.
152325				hetrogenous sample with ~35% euhedral plag grains, and ~35% darker pyx/amph grains. fg dark grey ash? gm.
152326				
152327				outcrop may possiblely be pillow basalts. there is what looks to be 5mm to 2cm pale white salvages on weathered surfaces. rock has a fg gmass with a greenish hue, possibly wk chl alt and there seems to be wk to mod sil.
152328				fg dark grey aphenetic background with a green hue...possibly serp? ~90% pyx with some possible trace olivine (opaque with green hue) outcrop is weathered in a subparallel blocky pattern. historical sample taken previosuly ran high in ppm.
152329				large komatitie outcrop very close to a large fg UM outcrop. spinefex texture present at ~5mm long prismtic/asicular crystals. bakgroound in fg dark grey to black.
152330				Pillows range in size from 1cm to 30cm. some are more rounded while other are elongate. inner pillows have a aphanetic texture, with salvages that are slightly cg and darker on surface.
152331				outcrop is similar to sample 152329, but fresh sample looks almost like chert with very fine grained texture and light grey surface. spinifex texture is present on on weathered surface? possible connection with pillow basalts?
152332				aphenitic grey mafic rock with trace py and trace qtz/carb veining.
152333				aphenitic grey ultra mafic rock with trace py and trace qtz/carb veining.
152334				
152335				fine grained grey gm with diss 1mm euhedral magnetite grains....possible conductor? possible mm plag grains. mod to strong magnetism.
152336				mix of plag and amph. with fg grey aphanetic ground mass. no sulphides present. ~60%amph. ~40mix of qtz/plag.
152337				UM rock with a med grey fg ground mass, with ~30% 5mm prismatic brown black grains?? look cleaved. possible hornblende? gmass may be compossed of some plag?
152338				possible peridotite? mg grey plag/amph gmass with ~35%, ~7mm prismatic greygreen laths with 90° cleavage. we called it gabbro due to its light color plag content. ~2% diss po with localized zones of ~5%.
152339				same as OC_31fg grey aphanetic ground mass. with ~2mm subhedral to euhedral clast of ~20%plag, ~15% qtz, ~5% amph and rest ground mass.
152340	190/74	Fault	216/76	fg dark grey aphenetic background with a green hue...possibly chl or wk serp ~90% pyx with some possible trace olivine (opaque with green hue) outcrop is weathered in a subparallel blocky pattern and large ~1m fault zone is present with strong fe staining. fault surface undulates, slick and slide surface
152341				fg dark grey/black green, massive, with mm mod carb stringers throught. just east of last sample
152342				fg to mg massive UM rock with fark grey to black gmass with a green hue. wk carb. visible serpentine along fracture surfaces and slick and slides. diss ~.5. strongly magnetic most likely the conductor.
152343	110			rock is greyish black with green hue and spinifex texture with prismatic grains?? ~5mm. rock sample was gossanes and 5m from small graphite rich horizon.
152344	89/88			strongly sheared with carbonate stockwork veining. ~50% of outcrop is carb stock work with the rest being a UM fissile host.
152345	74/70			same as 125344, but less carb stock work. fg to mg with a dark greenish grey gmass and ~5mm carb stockwork.

Sample ID	Structural Measurement (strike/dip RHR) 1	Structural Type 2	Structural Measurement (strike/dip RHR) 2	Observations/Comments
152346				aphanetic grey with a slight green hue, massivr basalt. with diss sulphides ~1% Py trace Po
152347				aphanetic dark grey/black with wk fissile texture. trace relect py nodules present ~1cm. strong weathered surface, limonite visible.
152348				mafic volcanic, brecciation present as angular ~3cm pieces with mm fg black infill btw clast. diss sulphide througout. near contact with graphite...seems to be a volcanic flow sequences present near oc
152349				mafic volcanic, brecciation present as angular ~5mm pieces with~40% mm fg black infill btw clast. diss sulphide througout. near contact with graphite...seems to be a volcanic flow sequences present near oc
152350				fg aphanetic mafic volcanic basalt? with ~3% diss Py.
152351				dark ultramafic rock with a massive equigranular texture. Rock exhibita no magnetism and no visible sulphides. Weak - Moderate carbonate present surrounding grains
152352				Grey Green aphanitic Mafic Volcanic rock with no observable sulphides. Rock in non-magnetic. moderate carbonate effervecence throughout.
152353				medium grey aphanitic mafic volcanics with moderate carbonate alteration. weak-moderately magnetic associated with po mineralization. (Intermediate composition?)
152354				grey green Mafiv Volcanics with pillow salvages and brecciation (flow breccia?). breccia infill is a aphanitic black mineral. very weakly magnetic
152355				
152356	vein trends 175, not enough OC to determine dip			fg aphanetic mafc volcanic with irregular ~5cm milky white to opaque with secondary vuggy infilling textures and fg black mm whisps throughout.
152357				fg basalt? with wk shearing and qtz carb veining. diss py, and wk fe staining.
152358				fg dark basalt. very wk reaction to hcl, trace to no carb/qtz veining. darker than previous basat on SW side. no mag. more massive look. (more sulphides present aswell)
152359	352			Aphanitic massive grey green mafic volcanics (Massive Basalt). weak magnetism from 1-3% disseminated pyrrhotite. moderate effervesence with HCl
152360				mg gabbro with ~65% grey to opaque plag grains (possible Qtz) and ~35% med grey to green amph grains? with chl alt. irregular carb veining on fracture surfaces and spinifex texture on weathered oc but not on fresh.
152361				fg aphanetic grey to green gmass with diss sulphides, in blebbs and grains ~3mm. trace Po diss. wk carb and strong fe staining on weathered surface.
152362			fg chert/graphite sheared outcrop near road cut. relect py nodules present with ~5mm milky white irregular to subparallel veining.	
152363	064/38			Qtz carb vening in aphanitic grey green Mafic Volcanics. due to excavation if road exact location of larger veins cannot be determined however, highly angular boulders suggest there are veins >10 cm. sulphides locally found with veins and are more abundant in smaller veins.
152364			sample was taken from a approx 1m shear zone within a fg mafic rock. no sulphides present. heavy fe staining along shear. qtz veing sample tooken from 20m SW from here. potential for mineralization. rock is to aphanitic to see any grains. possible fg black brecciation seen.	
152365				Black massive aphanitic to fine grained ultramafic rock (peridotite?). no reaction with HCl. rock is strongly magnetic containing magnetite.
152366			fg aphanetic black green, with diss py. no mag and no carb	
152367			aphanetic fg blact argillite with irregular smokey grey ro opaque qtz veins ~5mm with diss vfg pyrite ~2%. sample was taken from a shear zone within outcrop. seems shear is argillite and surronding rock is fg mafic?	
152368	150/78			frequent qtz veining in a aphanitic mafic volcanic unit. vein sampled is 5cm wide. has red brown oxides (ankerite?) within vein. could be relic sulphides. veing could be related to shearing (sample 152367) and there are slicken striae on blocks around outcrop. non visible insitu
152369			fg aphanitic grey/green rock, very very soft, with a prismatic needle textured look. lineations in mineral grains create fold in OC. possibly needle are due to a cooling phase?	
152370			fg aphanetic black gmass, with ~10% pale grey to opaque ~4mm subrounded clast. sample was taken from an oxidized shear zone with a 1cm Py vein visible. limonite to red fe seen. rock was very brittle. wk mag. nocarb.	
152371			fg aphanetic black, highly weathered on surface and ~6% diss py throught. some seen as ~1cm bleebs.	
152372			prismatic spinifex texture on oc weathered surface and in hand sample, blades range frommm wide to mm ~1cm long. fg aphanetic greygreen. very soft.	
152373			aphanetic black green ultramafic rock with strong serp and chl alt on fracture surfaces, chlorite seems to be throughout.	
152374			fg aphanetic grey gmass with ~8% fg mm black whisps. diss py througout	

Sample ID	Structural Measurement (strike/dip RHR) 1	Structural Type 2	Structural Measurement (strike/dip RHR) 2	Observations/Comments
152375			aphanitic grey green with diss sulphide and mm fg black stringers. very hard. pillow basalt seen on outcrop. wk magnetism. no carb hcl reaction	
152376				(Mafic Intrusive) massive dark greyish green, with ~50% amph/pyx and ~40% plag with ~10%qtz? ~1% Pyrite diss throughout. Trace ~1cm qtz/carb veinlets running in an irregular pattern.
152377				fg mafic volcanic/basalt? with wk brecciation seen by mm fg black veinlets btw angular clast? overprinted by sil and chl? no magnetism.
152378				possible intermediate massive mix of plag and amp? ~70% plag with some qtz? pale white grains subhedral with ~30% darkey grey to green amph? no magnetism and mod carb.
152379				same as 152378 but there is mod to wk localized brecciation. fg black material present near clast in trace amount. clast are angular to rounded.
152380				gabbro? dark green/grey aphanetic gmass, with ~5% ~3mm subrounded plag? diss throught. on weathered surface white grains are more visible. trace diss py and no mag. mod carb
152381				massive fg to mg UM. ~85% black brown grains, some showing a prismatic habit. ~15% ~2mm plag grains? no magnetism, mod carb, fg 5mm black vein running through sample?
152382				

Project: Electr Date: September 14th, 2021

Reading No	SAMPLE	Easting	Northing	Zone	Duration	Units	Sigma Valu	Nd	Nd Error	Pr	Pr Error	Ce	Ce Error	La	La Error	Ba	Ba Error	Bal	Bal Error	Mo	Mo Error	Nb	Nb Error	Th	Th Error	Zr	Zr Error	Y	Y Error	Sr	Sr Error	U	U Error	Rb	Rb Error	Se	Se Error	As	As Error	Pb
541	152301	295523	5377787	16U	120	ppm	2	1018.1	135.94	579.41	86.61	355.61	64.89	220.85	51.87	923.72	52.56	636214.3	6963.61	-99	2.04	-99	2.68	-99	12.22	121.17	3.32	25.53	2.06	120.97	3.12	-99	3.81	4.2	1	-99	3.37	-99	10.48	-99
542	152302	295792.5	5377868	16U	120	ppm	2	541.28	103.74	371.17	67.07	171.29	50.38	116.33	40.63	144.07	37.51	690193.6	2933.16	3.15	1.35	-99	2	-99	8.62	13.44	1.37	5.58	1.5	6.73	1	-99	2	6.79	1.01	-99	3.45	228.58	14.44	240.25
543	152303	296090	5378142	16U	120	ppm	2	1227.14	142.63	678.27	90.38	382.55	67.52	279.55	54.21	222.23	49.21	660080.3	6237.94	-99	2.21	-99	2.79	-99	12.22	50.01	2.39	18.2	1.93	45.17	2.04	-99	2.44	-99	2	-99	4.09	-99	8.99	-99
544	152304	296146	5378163	16U	120	ppm	2	685.36	117.92	405.04	75.69	242.76	57.2	132.08	45.77	173.92	42.32	603341.8	4246.5	-99	2	-99	2	-99	9.31	15.66	1.54	2.55	1.24	28.5	1.5	-99	2.51	2.28	1	-99	3.48	-99	7.83	-99
545	152305	296869	5378236	16U	120	ppm	2	1032.3	132.26	554.71	83.93	409.41	63.6	223.38	50.47	498.3	48.25	588963.4	5102.78	-99	2	-99	2.33	-99	12.07	61.5	2.62	7.41	1.73	160.04	3.54	-99	4.81	29.39	1.82	-99	2.68	-99	9.31	-99
546	152306	296836.1	5378068	16U	120	ppm	2	1054.65	130.79	623.51	83.44	345.69	62.39	198.83	49.71	169.09	45.36	663622.8	6803.37	-99	2	-99	2	-99	11.13	3.38	1.3	-99	2.49	12.76	1.16	-99	2.18	-99	2	-99	2.71	-99	8.6	-99
547	152307	296836.1	5378068	16U	120	ppm	2	552.34	111.55	357.41	71.95	161.83	54.05	96.76	43.48	-99	79.5	802254.7	4307.61	-99	2	-99	2	-99	10.38	6.43	1.25	-99	2.32	2.8	1	-99	2	-99	2	-99	2.25	-99	7.19	-99
548	152308	296815.9	5378022	16U	120	ppm	2	928.21	136.7	468.74	86.68	314.86	65.66	175.88	52.32	143.88	47.7	661146.9	6860.84	-99	3.08	-99	2.66	-99	11.79	5.07	1.4	-99	2.72	2.95	1	-99	2.15	-99	2	-99	2.88	-99	9.04	-99
549	152309	296665.9	5377902	16U	120	ppm	2	1087.86	141.04	644.31	90.01	373.28	66.9	212.07	53.23	1221.81	56.84	469639.1	6218.84	-99	2.71	-99	2.76	-99	12.4	41.21	2.38	14.33	1.96	104.37	3.01	-99	5.18	21.55	1.7	-99	2.94	-99	9.33	-99
550	152310	296394	5377706	16U	120	ppm	2	1310.87	153.3	676.6	96.74	412.61	72.65	217.36	57.59	189.12	52.52	614091.4	7619.42	-99	2.12	-99	2	-99	10.79	16.24	1.73	7.2	1.64	5.61	1.05	-99	2.46	-99	2	-99	3.49	-99	9.38	-99
551	152311	294633.3	5377087	16U	120	ppm	2	968.29	130.96	558.87	83.59	328.13	62.76	201.5	50.19	386.62	47.33	655087.2	5657.38	-99	2	-99	2	-99	11.63	28.05	2.06	12.79	1.67	105.69	2.88	-99	2.53	4.63	1	-99	2.64	-99	8.02	-99
552	152312	294672.5	5377046	16U	120	ppm	2	805.99	124.87	484.77	79.93	297.31	60.05	216.83	48.31	680.67	47.63	697846.1	4449.67	-99	2	2.8	1.32	-99	11.83	113.56	3.14	8.22	1.87	126.33	3.09	-99	5.93	47.17	2.21	-99	3.7	45.32	6.49	-99
553	152313	294654.3	5376950	16U	120	ppm	2	941.51	121.02	520.35	77.01	316.59	57.96	175.82	46.19	213.41	42.63	604566.6	4826.35	-99	2	-99	2.43	-99	11.52	16.95	1.92	6.7	1.39	146.89	3.27	-99	2.35	-99	2	-99	2.52	-99	8.7	-99
554	152314	294718.2	5376953	16U	120	ppm	2	632.4	125.51	396.72	80.79	262.83	61.26	142.14	48.92	176.86	45.16	762446.1	4422.48	-99	2	-99	2.52	-99	10.34	28.04	2.09	9.45	1.52	124.6	3.12	-99	2.41	-99	2	-99	2.43	-99	8.48	-99
555	152315	294626.8	5377101	16U	120	ppm	2	1167.96	138.19	600	87.25	373.29	65.64	264.56	52.65	199.54	47.75	611281.6	5685.35	-99	3.09	-99	2.66	-99	11.76	28.6	1.98	15.02	1.78	43.44	1.97	-99	2.07	-99	2	-99	3.69	-99	9.07	-99
556	152316	294849	5377332	16U	120	ppm	2	1161.47	145.28	640.45	92.12	427.91	69.49	225.17	54.98	205.86	50.22	693468.8	6887.86	-99	2	-99	2	-99	10.36	7.82	1.58	-99	2.75	36.84	1.87	-99	2.53	-99	2	-99	2.91	-99	9.21	-99
557	152317	294825.6	5377304	16U	120	ppm	2	990.1	130.46	568.82	83.15	322.96	62.39	206.24	49.93	146.24	45.33	656918.9	5782.86	-99	2	-99	2	-99	9.67	7.01	1.36	4.56	1.38	-99	2	-99	2.17	-99	2	-99	2.57	-99	8.49	-99
558	152318	294936.5	5377354	16U	120	ppm	2	379.01	95.1	207.16	61.25	118.99	46.62	79.43	37.69	-99	69.15	744585.8	2477.16	-99	2	-99	2	-99	8.48	10.61	1.26	5.13	1.23	2.37	1	-99	2	2.65	1	-99	2.71	33.63	6.36	14.31
559	152319	295035.8	5377424	16U	120	ppm	2	485.47	93.38	337.58	60.45	200.13	45.76	122.86	36.79	142.17	33.93	709083.5	2745.85	-99	2.6	-99	2	-99	8.3	9.22	1.26	2.73	1.18	10.1	1	-99	2	3.52	1	-99	2	39.36	6.5	11.8
560	152320	295198	5377466	16U	120	ppm	2	1023.7	150.68	608.19	96.27	479.56	73.38	275.7	58.16	226.29	52.88	670073.8	6720.33	-99	3.52	-99	2.96	-99	14.13	90.13	3.43	17.73	2.02	201.48	4.51	-99	3.19	-99	2	-99	3.37	-99	11.45	-99
561	152321	295264	5377493	16U	120	ppm	2	945.74	153.62	474.4	97.52	308	73.36	167.75	58.54	1020.22	60.76	656947.4	7103.2	-99	2.73	-99	2.84	-99	12.73	27.02	2.19	13.57	1.9	90.74	2.91	-99	3.12	9.07	1.28	-99	4.2	-99	9.39	-99
562	152322	295333.1	5377511	16U	120	ppm	2	1148	148.5	647.78	94.56	361.97	70.79	206.18	56.38	189.89	51.54	539561.4	7983.56	-99	2.09	-99	2.82	-99	12.54	27.93	2.06	8.33	1.71	30.53	1.79	-99	2.69	3.84	1.03	-99	3.37	-99	10.64	-99
563	152323	294909.9	5377376	16U	120	ppm	2	1354.01	171.37	650.43	107.93	366.27	80.95	229.58	64.7	162.42	58.66	542528.4	9251.28	-99	2.59	-99	2.89	-99	12.58	11.24	2.01	10.56	2.2	47.22	2.47	-99	4.95	18.39	1.89	-99	4.39	-99	11.14	-99
564	152324	294895.9	5377382	16U	120	ppm	2	3420.75	342.98	1679.84	211.25	1051.68	157	584.26	122.71	391.51	109.74	267341.7	18333.21	-99	5.97	-99	5.12	-99	22.68	23.37	3.3	7.39	3.08	6.29	1.85	8.94	4.07	-99	3.14	51.28	7.88	59.65	19.23	-99
565	152325	295236.7	5378066	16U	120	ppm	2	1030.77	124.99	588.49	79.6	372	59.84	226.44	47.73	448.77	45.29	594640.6	5923.06	-99	2	-99	2.36	-99	14.68	83.67	3.67	12.11	1.78	580.29	7.8	-99	5.25	9.04	1.27	-99	2.63	-99	8.86	-99
566	152326	295131	5378039	16U	120	ppm	2	372.14	98.68	154.58	63.22	114.88	48.34	82.74	39.08	122.55	36.17	864022	3329.45	-99	2	-99	2	-99	8.73	4.21	1.22	-99	2	11.6	1.06	-99	2	3.52	1	-99	3.32	67.69	7.27	-99
567	152327	295206.6	5377500	16U	120	ppm	2	784.12	127.7	397.06	81.27	263.52	61.66	123.03	49.12	107.52	44.97	663919.9	4220.79	-99	2	-99	2	-99	11.37	5.66	1.38	3.78	1.31	16.77	1.27	-99	2.02	-99	2	-99	2.46	-99	8.17	-99
568	152328	295182.6	5375602	16U	120	ppm	2	989.44	128.17	539.97	81.47	289.36	61.04	202.32	49.04	125.47	44.4	627925.1	6910.42	-99	2	-99	2	-99	9.69	7.85	1.4	4.14	1.38	7.34	1.01	-99	2	2.68	1	-99	2.49	-99	8.66	-99
569	152329	295146.9	5375629	16U	120	ppm	2	1152.79	140.81	650.24	89.56	373.25	66.56	242.21	53.24	1308.93	57.09	559877.8	7566.62	-99	2.04	-99	2	-99	11.33	25.49	2.21	10.99	1.9	121.71	3.31	-99	5.37	21.69	1.73	-99	2.99	-99	9.1	-99
570	152330	295128.5	5375869	16U	120	ppm	2	1005.96	141.54	602.56	90.46	354.39	67.92	189.52	54.01	177.06	49.41	655822.1	6321.13	-99	3.14	-99	2.45	-99	12.25	32.22	2.15	10.88	1.66	73.14	2.52	-99	3.31	-99	2	-99	2.83	-99	9.12	-99
571	152331	295209.6	5375853	16U	120	ppm	2	1117.48	144.39	658.44	92.08	356.81	68.69	211.36	54.79	341.41	51.21	599609.5	6685.44	-99	2	-99	2	-99	12.05	27.1	2.01	9.05	1.72	53.23	2.18	-99	4.54	12.24	1.37	-99	3.09	-99	9.14	-99
572	152332	295212.2	5375854	16U	120	ppm	2	1193.68	141.66	729.41	90.41	388.98	67.24	220.86	53.46	243.84	49.16	622771.9	6120.09	-99	2	-99	2.65	-99	10.7	36.73	2.27	13.37	1.73	111.81	3.06	-99	2.55	-99	2	-99	2.89	-99	8.99	-99
573	152333	294840.9	5375880	16U	120	ppm	2	1274.75	158.88	633.33	99.99	588.92	76.8	330.26	60.57	539.72	57.18	630597.3	7124.52	-99	2.65	5.86	1.63	19.45	7.83	160.05	4.55	22.41	2.44	319.37	6.01	-99	4.8	26.01	1.98	-99	3.51	-99	11.55	-99
574	152334	294818.4	5375895	16U	120	ppm	2	712.58	117.29	408.31	75.2	242.02	56.62	148.98	45.43	599.71	44.89	652485.7	4307.13	-99	2	-99	2	-99	14.64	43.4	3.29	6.75	1.62	635.97	8.1	-99	5.37	13.06	1.4	-99	2.43	39.17	6.96	-99
575	152335	296836.1	5378068	16U	120	ppm	2	1142.05	160.7	556.07	101.28	482.26	77.4	293.75	61.51	595.19	58.98	664200.2	6661.02	-99	4.06	5.94	1.68	22.65	9.25	198.89	5.71	25.52	2.56	827.13	11.26	-99	6.94	20.98	1.92	-99	3.52	-99	13.78	-99
576	152336	294630.5	5375480	16U	120	ppm	2	1196.46	140.68	699.66	89.57	341.76	66.34	225.43	53.09	313.57	49.34	757724.1	6124.19	-99	2	-99	2.12	-99	12.19	32.54	2.15	11	1.77	55.91	2.26	-99	2.82	7.23	1.17	-99	3.07	-99	9.29	-99
577	152337	294655	5375462	16U	120	ppm	2	1249.14	151.97	635.18	95.91	374.68	71.96	188.19	57.07	223.6	52.57	628220.5	7168.46	-99	2.81	-99	2.81	-99	11.1	18	1.94	9.65	1.73	58.43	2.38	-99	2.81	3.78	1.03	-99	3.64	-99	10.13	-99
578	152338	294753.6	5375441	16U	120	ppm	2	1237.78	165.6	661.52	104.94	408.84	78.87	278.41	63.17	307.93	58.14	641065.9	7686.68	-99	3.43	-99	2.66	-99	13.48	26.97	2.22	15.66	1.99	63.45	2.56	-99	3.63	2.5	1	-99	4.46	-99	10.26	-99
580	152339	294420.6	5375615	16U	120	ppm	2	880.72	121.12	550.47	77.64	341.81	58.27	197.72	46.43	588.63	45.36	659002.3	4878.9	-99	2	4.82	1.39	16.08	7.6	97.5	3.9	11.77	1.87	735.63	8.87	-99	6.12	26.21	1.78	-99	2.66	-99	10.58	-99
581	152340	292970.3	5374429	16U	120	ppm	2	800.59	142.9	432.16	91.16	329.68	69.48	196.76	55.48	163.64	50.6	742747.5	5872.99	-99	2	-99	2	-99	11.94	10.63	1.54	3.49	1.42	3.36	1	-99	3.4	-99	2	-99	3.13	-99	8.64	-99
582	152341	292987.8	5374427	16U	120	ppm	2	1196.76	137.77	562.37	86.57	326.56	65.04	222.36	52.16	158.92	47.33	612879.8	7903.99	-99	2	-99	2	-99	11.93	8.52	1.54	3.28	1.36	26.62	1.57	-99	2.35	-99	2	-99	2.7	-99	9.71	-99
585	152342	293279	5374247	16U	120	ppm	2	1121.43	131.77	580.88	83.35	388.82	62.98	182.52	49.77	159.87	45.44	609287.8	7286.76	-99	2	-99	2	-99	9.82	9.99	1.45	6.45	1.46	4.36	1	-99	2.05	2.27	1	-99	3.02	-99	8.73	-99
586	152343	293240.5	5374299	16U	120	ppm	2	1015.9	157.03	633.72	100.75	363.73	75.46	191.12	60	467.8	57.24	588694.6	7483.95	-99	2.16	-99	2.9	-99	13	27.98	2.24	10.74	1.96	76.68	2.76	-99	3.9	18	1.68	-99	4.55	-99	10.26	-99
587	152344	293063	5374448	16U	120	ppm	2	1292.03	164.66	738.84	104.65	423.88	78.3	267.64	62.48	166.89	56.42	587840.9	8895.29	-99	2.38	-99	2.87	-99	12.85	5.1	1.78	8.12	1.68	76.56	2.75	-99	2.75	-99	2	-99	3.42	-99	9.64	-99
588	152345	292757.7	5374719	16U	120	ppm	2	1166.4	139.52	604.17	88.28	435.33	66.99	244.23	53.14	150.07	47.96	628575.4	7541.52	-99	2	-99	2	-99	12.14	8.91	1.66	6.11	1.52	44.36	2.04	-99	3.17	-99	2	-99	3.61	-99	9.04	-99
589	152346	292643.3	5374773	16U	120	ppm	2	1196.65	149.09	714.1	95.05	374.08	70.71	228.55	56.4	223.51	51.63	649397.3	6815.73	-99	2.02	-99	2.61	-99	10.9	31.17	2.13	10.24	1.7	57.43	2.31	-99	4.03	-99	2	-99	3.13	-99	9.38	-99
590	152347	292553.7	5374824	16U	120	ppm	2	814.55	130.8	406.58	83.35	282.85	63.35	191.15	50.9	186.2	46.62	769748.1	5705.79	-99	2.3	-99	2	-99	10.76	38.21	2.36	-99	3.9	31.93	1.94	-99	4.91	36.57	2.35	-99	11.43	598.42	20.35	-99
591	152348	292569.7	5374838	16U	120	ppm	2	1291.52	151.68	738.92	96.4	363.8	71.49	220.12	57.04	169.66	51.85	519569.4	6775.69	-99	3.29	-99	2.83	-99	11.93	28.44	2.06	10.97	1.74	36.45	1.91	-99	2.81	-99	2	-99	3.61	-99	9.3	-99
592	152349	292561.2	5374828	16U	120	ppm	2	913.83	141.58	490.73	90.1	335.14	68.25	173.18	54.25	202.14	49.97	707270.5	5982.78	-99	3.22	-99	2	-99	11.07	35.68	2.19	11.55	1.77	54.83	2.25	-99	2.86	5.25	1.08	-99	2.91	-99	9.46	-99
593	152350	292574.4	5374843	16U	120	ppm	2	1082.13	163.73	614.41	104.29	402.57	78.64	208.27	62.31	272.5	57.67	653461.6	7064.88	-99	3.53	-99	2.54	-99	11.83	32.53	2.21	12.78	2.06	9.49	1.27	-99	3.72	12.76	1.55	-99	3.94	-99	10.55	-99
594	152351	292661.1	5375741	16U	120	ppm	2	1511.44	168.59	777.39	106.03	501.8	79.69	300.46	63.23	245.41	57.4	670264.2	7950.01	-99	2.35	-99	3.04	-99	11.94	25.2	2.15	11.57	1.93	28.9	1.89	-99	2.63	-99	2	-99	4.81	-99	10.8	-99
595	152352	292352.4	5375785	16U	120	ppm	2	1307.03	206.67	856.06	132.46	425.59	97.86	274.23	78.08	277.05	71.5	750958.4	8001.06	-99	4.16	-99	3.59	-99	16.11	32.69	2.61	16.24	2.55	11.72	1.56	-99	4.5	14.66	1.84	-99	5.06	-99	13.11	-99
596	152353	293068.3	5376020	16U	120	ppm	2	1490.53	146.61	808.63	92.69	484.75	69.35	301.91	55.2	215.9	49.91	611785.7	8425.13	-99	2.64	-99	2.69	-99	10.65	8.85	1.73	6.08	1.5	73.55	2.55	-99	3.05	-99	2	-99	4.07	-99	9.57	-99
597	152354	293323.3	5376243	16U	120	ppm	2	1313.48	146.67	712.53	92.85	360.64	69.01	246.04	55.29	249.6	50.67	543976	7438.78	-99	2.01	-99	2.8	-99	12.34	31.83	2.1	13.18	1.9	33.48	1.82	-99	2.96	10.72	1.34	-99	2.82	31.74	6.87	-99
598	152355	292422.1	5375139	16U	120	ppm	2	1263.07	143.51	716.78	91.11	374.79	67.68	249.37	54.15	389.36	50.68	683781.1	7037.99	-99	2.08	-99	2.22	-99	12.77	43.58	2.47	10.56	1.83	106.44	3.11	-99	4.96	14.25	1.48	-99	2.89	-99	9.44	-99
599	152356	292253.5	5375128	16U	120	ppm	2	389.1	101.75	268.61	65.96	106.44	49.72	102.79	40.43	74.14	37.01	657460.8	2955.26	-99	2	-99	2	-99	8.37	-99	2	-99	2	2.28	1	-99	2	-99	2	-99	2.05	-99	6.99	-99
600	152357	292282.5	5375237	16U	120	ppm	2	1126.38	158.82	630.76	101.18	354.78	75.85	220.62	60.62	189.1	55.29	683279.3	8329.19	-99	2.29	-99	2.8	-99	13.12	33.67	2.34	15.12	1.99	59.67	2.51	-99	3.44	-99	2	-99	3.45	-99	12.74	-99
601	152358	292450.2	5375300	16U	120	ppm	2	1327.59	148.37	638.14	93.14	401.34	70.04	254.08	55.9	294.45	51.52	562660	7344.26	-99	3.33	-99	2.5	-99	13.18	38.18	2.45	13.17	1.9	107.25	3.19	-99	3.91	7.24	1.2	-99	3.18	17.06	6.45	-99
602	152359	292492.4	5375182	16U	120	ppm	2	1362.57	149.54	770.86	94.67	415.83	70.04	282.56	56	783.22	55.38	628832.7	6703.45	-99	2.01	-99	2.43	-99	12.88	9.12	1.91	5.25	1.83	103.44	3.09	-99	4.42	30.37	2	-99	3.15	-99	9.69	-99
603	152360	292495.7	5375126	16U	120	ppm	2	1147.08	141.55	577.66	89.41	372.95	67.5	208.38	53.71	128.89	48.63	594768.4	7978.55	-99	2	-99	2	-99	10.65	24.16	1.77	10.51	1.63	2.58	1	-99	2.27	-99	2	-99	2.73	-99	9.26	-99
604	152361	292539	5374962	16U	120	ppm	2	643.89	165.58	259.77	105.19	216.32	76.59	137.05	61.66	7615.06	125.76	593566.1	6415.27	-99	2.25	-99	2.99	-99	13.19	29.96	2.33	12.06	2.34	98.4	3.12	-99	7.18	54.49	2.71	-99	5.85	-99	12.31	-99
606	152362	292542	5374803	16U	120	ppm	2	458.78	94.42	244.65	60.69	162.88	46.25	93.27	37.23	120.88	34.41	545076.1	3318.73	-99	2	-99	2	-99	8.44	4.67	1.15	-99	2	3.49	1	-99	2	2.52	1	-99	2	42.4	6.62	15.25
607	152363	292436.3	5374648	16U	120	ppm	2	1416.11	180.31	761.13	113.93	501.57	85.79	356.84	68.66	222.15	61.58	647231.8	8366.31	-99	2.64	-99	3.21	-99	14.47	31.39	2.47	12.37	2.07	51.96	2.54	-99	3.3	-99	2.04	-99	3.91	-99	11	-99
608	152364	292448.2	5374674	16U	120	ppm	2	1069.52	178.43	683.56	114.45	393.01	85.64	232.59	68.18	184.32	61.99	742132.3	7080.8	-99	3.76	-99	3.22	-99	13.93	26.56	2.19	7.84	1.88	2.9	1.04	-99	2.66	-99	2	-99	4.47	-99	11.27	-99
609	152365	292553.1	5374366	16U	120	ppm	2	1084.41	135.9	589.29	86.22	355.3	64.81	200.68	51.58	137.64	46.79	637063.7	7111.11	-99	2	-99	2	-99	10.11	11.13	1.51	3.15	1.37	4.68	1	-99	2.23	-99	2	-99	2.85	-99	8.91	-99
610	152366	292567.5	5374361	16U	120	ppm	2	1259.94	143.2	650.51	90.26	405.06	67.81	211.97	53.7	185.33	48.98	645710.3	6656.27	-99	2	-99	2	-99	10.34	13.31	1.57	6.92	1.54	2.07	1	-99	2.45	-99	2	-99	3.09	-99	8.73	-99
611	152367	292646.8	5373898	16U	120	ppm	2	1091.62	123.89	614.04	78.86	377.13	59.28	199.16	47.03	207.7	43.16	571230.7	3714.71	-99	2	-99	2	-99	10.15	-99	2.6	-99	2.84	3.15	1	-99	2.49	5.1	1.05	-99	2.87	-99	8.52	-99
612	152368	292647.2	5373901	16U	120	ppm	2	562.3	99.56	297.42	63.76	174.5	48.33	104.12	38.89	113.59	35.82	588780.8	3179	-99	2	-99	2	-99	8.35	-99	2	-99	2	2.49	1	-99	2	2.29	1	-99	2	-99	7.18	-99
613	152369	292819	5373755	16U	120	ppm	2	1372.28	149.05	732.85	94.13	434.59	70.09	314.49	56.21	997.54	56.85	612535.7	8399.63	-99	2.22	-99	2.94	-99	12.69	82.41	3	25.31	2.34	57.13	2.36	-99	3.41	16.41	1.57	-99	4.27	-99	10.71	-99
614	152370	292898.3	5373840	16U	120	ppm	2	609.55	119.07	314.53	76.12	224.46	57.95	128.95	46.47	202.11	43.19	662614.4	3876.62	-99	2.93	-99	2.44	-99	11.27	58.27	2.22	6.07	1.5	28.17	1.49	-99	2.92	17.32	1.39	-99	2.49	-99	7.91	-99
615	152371	293036.1	5373801	16U	120	ppm	2	896.06	132.83	509.42	84.78	315.73	63.88	194.73	51.07	255.11	47.28	719519.5	6196.29	-99	3.03	-99	2.81	-99	12.11	54.82	2.47	24.83	2.24	63.84	2.36	-99	3.93	22.3	1.7	-99	2.96	-99	11.72	-99
616	152372	293378.8	5374172	16U	120	ppm	2	1206.57	145.92	631.37	92.23	377.34	69.06	243	55.19	533.24	52.86	628084	7100.2	-99	3.25	-99	2	-99	10.88	25.3	2.05	10.83	1.83	63.5	2.42	-99	3.08	12.57	1.41	-99	3.45	-99	9.35	-99
617	152373	293484.8	5374112	16U	120	ppm	2	956.55	125.64	542.87	80.05	339.97	60.34	208.05	48.18	140.36	43.68	620197.3	6633.54	-99	2	-99	2	-99	10.76	6.88	1.33	-99	2.55	6.06	1	-99	2.04	3.18	1	-99	2.48	-99	8.01	-99
618	152374	293354	5373962	16U	120	ppm	2	1094.44	150.37	615.57	95.77	333.47	71.62	198.56	57.18	207.2	52.48	659973	7719.52	-99	2.22	-99	2.95	-99	12.7	47.46	2.55	15.78	2.11	72.4	2.69	-99	5.14	16.33	1.62	-99	3.43	-99	12.53	-99
619	152375	293316.7	5373963	16U	120	ppm	2	996.9	132.89	502.31	84.2	320.08	63.24	184.57	50.46	902.37	51.81	589954.8	6616.38	-99	2.5	-99	2.65	-99	12.61	35.41	2.42	10.95	1.79	172.72	3.85	-99	3.23	14.91	1.44	-99	2.93	11.9	5.9	-99
620	152376	292265	5375628	16U	120	ppm	2	1250.52	160.89	656.44	101.77	462.31	76.76	252.57	60.79	735.21	59.82	624327.2	7631.59	-99	3.95	18.27	1.91	-99	16.05	167.86	4.81	20.54	2.41	376.54	6.78	-99	4.82	21	1.86	-99	3.7	-99	10.76	-99
621	152377	292212.4	5375794	16U	120	ppm	2	1022.4	149.27	486.36	94.33	338.59	71.57	229.82	57.4	177.85	52.19	709998.7	6450.96	-99	2.44	-99	2.53	-99	12.7	27.12	2.17	23.27	2.15	73.57	2.66	-99	2.55	2.19	1	-99	3.21	-99	10.7	-99
622	152378	293235.1	5376189	16U	120	ppm	2	1221.92	138.73	624.52	87.69	406.75	66.16	249.95	52.75	201.12	47.98	600564.9	7393.23	-99	2.12	-99	2.43	-99	10.51	20.87	1.89	7.6	1.53	65.78	2.35	-99	2.81	-99	2	-99	2.8	14.13	5.78	-99
623	152379	293201.2	5376365	16U	120	ppm	2	1395.72	158.61	714.86	99.9	429.49	74.9	238.72	59.46	236.83	54.44	671362	8457.84	-99	2.11	-99	2	-99	11.03	37.55	2.27	18.02	2.02	49	2.2	-99	2.75	2.21	1	-99	3.43	-99	10.07	-99
624	152380	293201.8	5376442	16U	120	ppm	2	1216.21	155.77	766.96	99.92	410.67	74.31	282.74	59.52	464.66	56.02	585405.1	7557.42	-99	2.65	-99	2.62	-99	13.38	28.47	2.17	13.17	2.01	25.49	1.75	-99	3	8.18	1.28	-99	3.64	-99	9.89	-99
625	152381	293178.1	5376518	16U	120	ppm	2	1299.76	170.26	591.38	106.72	351.79	80.19	261.2	64.49	279.06	59.22	694330.6	7926.42	-99	3.13	-99	3.09	-99	13.51	19.19	2	13.82	2.15	9.03	1.3	-99	3.43	6.62	1.28	-99	4.53	-99	10.98	-99
626	152382	293702	5376094	16U	120	ppm	2	1090.06	152.46	661.16	97.39	356.62	72.08	222.99	57.58	1312.8	62.06	646749.8	5075.01	-99	2.89	-99	2.9	-99	13.58	77.13	3.17	10.78	1.78	168.97	4.07	-99	3.04	-99	2	-99	3.26	-99	9.8	-99

Appendix 2 - XRF Results

Project: Electr

Reading No	Pb Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	Ca	Ca Error	K	K Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error	REE	REE Error
541	7.68	163.63	12.1	-99	26.07	242.93	30.69	-99	235.7	54316.45	643.57	-99	3061.67	-99	2098.28	52951.55	1472.76	-99	1726.53	56882.29	1829.26	1512.41	227	161537.9	3426.61	778.04	55.94	331.16	72.34	22138.12	4939.44	2173.97	0
542	10.58	112.56	9.74	-99	22.23	-99	43.03	-99	147.63	11271.37	426.25	-99	2740.8	-99	573.78	1622.08	123.16	6243.48	312.43	13294.98	597.37	-99	391.61	268953.5	2904.47	594.74	39.52	3866.23	103.76	-99	4131.84	1200.07	0
543	8.29	55.9	9.37	-99	29.56	704.59	41.57	-99	265.29	77232.88	734.52	-99	2790.63	2499.64	859.27	32180.79	919.13	-99	1495.45	37959.77	1348.69	-99	411.92	169605.2	3114.93	982.92	57.61	4316.69	148.73	-99	8895.83	2567.52	0
544	7	16.17	6.88	-99	23.91	106.3	26.39	-99	178.53	22976.29	475.78	-99	2798.62	-99	921.81	50753.7	930.13	-99	796.38	12246.76	821.74	-99	531.77	303831.1	3348.18	504.76	51.78	275.87	69.84	-99	6664.16	1465.24	0
545	8.08	50.99	8.5	26.19	12.83	58.6	26.61	-99	206.49	37567.8	540.02	-99	2818.26	-99	1131.9	43162.44	930.21	13376.29	563.24	40649.09	1404.05	-99	537.58	265941.3	3332.8	516.11	54.98	3206.44	126.48	-99	7464.59	2219.8	0
546	7.57	37.57	8.13	148.92	18.01	1598.7	50.78	-99	202.81	35564.79	520.91	-99	2730.36	2812.91	447.57	84686.37	1288.13	-99	716.18	5612.22	809.75	-99	434.96	148695.3	1899.26	1312.81	67.35	496.14	83.49	50227.61	6138.39	2222.68	0
547	6.54	39.51	7.44	-99	26.07	1532.55	47.6	333.09	93.87	34935.72	457.37	-99	2315.56	1048.27	316.31	1683.03	126.73	-99	619.82	1536.11	393.29	381.04	137.92	113495.4	1490.74	1518.53	52.62	362.5	58.03	37443.8	3778.25	1168.33	0
548	7.17	56.45	9.27	-99	32.08	1889.08	58.36	282.8	131.84	88516.76	717.84	-99	2219.03	1688.81	478.55	11884.93	428.85	-99	891.29	3115.29	631.29	-99	318.28	133229.6	1843.06	1504.45	58.43	-99	109.64	92700.05	6155.12	1887.69	0
549	8.1	52.49	9.18	-99	27.11	-99	57.97	-99	250.67	63603.09	662.75	-99	2748.87	-99	1315.56	20104.26	634.03	5743.62	620.54	32929.41	1430.3	-99	669.01	389621.5	4874.27	821.87	63.18	-99	131.47	11422.7	4825.02	2317.53	0
550	8.28	74.36	10.47	42.87	16.85	1088.42	50.07	-99	294.41	102559	857.8	2685.1	1273.18	2533.09	709.6	39417.14	1016.63	-99	1218.4	21346.48	1189.3	-99	408.25	162966	2574.32	790.03	56.46	-99	123.2	48198.08	6278.33	2617.45	0
551	7.18	46.31	8.32	43.45	13.7	272.07	31.15	-99	218.04	44197.52	569.4	-99	2786.9	-99	1376.14	73843.41	1453.76	2418.22	556.98	34287.61	1312.1	-99	436.7	179753	2685.14	768.17	56.38	167.14	71.72	-99	8555.62	2056.79	0
552	7.7	51.04	8.4	-99	24.03	-99	49.29	-99	201.28	35771.78	537.44	-99	2880.19	-99	1310.69	1394.47	208.4	20804.9	762.72	53400.58	1390.77	1162.9	199.89	178769.4	3056.55	760.08	50.59	3176.98	117.42	-99	5901.8	1804.91	0
553	6.98	35.37	7.73	55.83	13.56	294.71	30.34	-99	193.53	32604.13	500.32	-99	2688.64	1173.32	527.51	33535.95	752	-99	945.19	39975.79	1303.85	-99	510.19	280395.4	3539.92	1067.17	58.2	-99	132.2	-99	7086.15	1954.27	0
554	7.04	65.62	8.94	36.32	13.84	419.38	34.07	-99	214.88	47495.71	556.49	-99	2595.21	1993.97	613.74	15368.65	480.85	-99	1139.2	12780.67	709.48	2473.45	203.14	147955.5	2476.87	964.13	53.56	1480.33	87.5	-99	6354.41	1434.09	0
555	7.95	89.84	10.37	41.09	14.94	635.8	39.37	-99	247.4	66184.68	668.89	-99	2713.36	-99	1532.06	38615.68	1004.77	-99	1322.96	36695.91	1358.25	-99	481.63	234029.3	3683.82	738.82	56.38	2346.86	112.42	-99	8426.45	2405.8	0
556	8.27	29.26	8.3	-99	30.68	1189.23	49.33	-99	244.03	58072.41	635.71	-99	2676.63	1871.51	545.96	65081.09	1223.22	-99	899.79	8096.13	827.33	-99	375.75	121497.5	1814.52	1015.08	61.99	431.86	80.97	44337.07	6022.21	2455.01	0
557	7.63	63.4	9.25	84.71	17.19	1929.99	56.54	415.45	120.91	67365.84	621.13	3022.67	1190.56	3061.16	515.55	1818.02	175.97	-99	987.28	10667.8	755.44	855.2	189.72	191037.7	2644.14	823.07	48.36	-99	106.85	59083.09	4953.4	2088.12	0
558	4.91	-99	11.31	-99	19.68	-99	41.04	-99	122.57	2758.21	392.37	-99	2616.48	-99	419.36	194.89	54.18	3699.57	223.54	4536.87	412.17	505.65	177.91	237246.1	2536.68	743.74	39.7	3839.64	99.5	-99	3508.44	784.59	0
559	4.85	38.46	7.18	-99	19.65	-99	41.44	-99	137.92	8150.55	405.49	-99	2635.5	-99	468.12	2169.4	115.9	2040.75	238.33	4225.17	444.32	1561.81	203.27	265661.3	2722.26	488.24	38.12	3163.77	92.5	-99	3990.07	1146.05	0
560	9.53	78.66	10.6	-99	29.3	280.21	35.93	-99	273	75655.09	752.3	-99	2827.86	-99	1504.7	55494.24	1259.87	1324.5	628.78	19564.78	1077.67	3900.34	253.6	148747.4	2491.94	917.56	60.65	-99	140.47	16984.17	5339.38	2387.15	0
561	8.19	71.03	10.15	31.23	15.03	171.83	32.86	-99	254.21	59934.23	682.09	3941.92	1453.89	-99	1678.21	85903.98	1812.22	3265.17	655.5	30572.02	1420.43	-99	463.98	149957	2595.53	856.53	66.88	474.87	91.89	-99	10984.12	1895.89	0
562	8.9	77.86	10.64	58.85	16.01	259.57	35.08	-99	289.62	95183.61	842.06	-99	2701.18	-99	1585.26	35502.52	959.16	-99	1371.82	31940.1	1547.19	-99	692	158668.2	2395.1	1168.03	75.66	118478.9	1935.87	-99	13081.64	2363.93	0
563	9.95	91.23	12.57	43.09	20.41	1923.66	69.31	-99	368.36	170713.3	1357.89	4794.26	1186.6	2574.18	838.3	55663.03	1402.36	6689.33	709.9	18751.28	1348.15	-99	451.22	155373.6	2537.7	1036.45	66.46	1298.22	100.49	33793.67	7531.98	2600.28	0
564	27.85	151.03	23.97	509.51	48.69	699.47	81.5	-99	628.38	315894.8	3436.7	-99	3342.03	-99	2592.72	-99	439.86	-99	2263.64	21400.45	2408.21	3371.49	551.7	54831.71	1346.18	2345.52	146	322199.8	6271.75	-99	32291.76	6736.53	0
565	7.9	73.6	9.46	-99	25.06	-99	53.78	-99	232.59	54284.56	615.56	-99	2825.99	-99	1545.56	34309.15	916.72	3549.35	683.84	62368.79	1750.03	1405.77	232.44	223838.3	3680.72	564.76	47.5	182.45	61.93	16007.1	4201.74	2217.69	0
566	9.45	56.34	7.81	-99	21.96	-99	43.25	-99	188.13	52854.53	515.97	-99	2217.63	-99	781.25	1644.09	166.53	3025.22	397.51	3804.88	371.08	2880	148.73	59807.9	957.7	970.07	42.04	9587.79	178.74	-99	4185.46	724.34	0
567	6.93	34.07	7.77	-99	26.65	469.44	34.6	-99	201.68	37521.43	517.68	-99	2626.91	-99	849.66	41026.61	807.28	-99	747.95	6694.42	679.65	-99	473.55	241190.7	2720.24	972.39	56.38	2389.69	104.29	-99	6851.68	1567.73	0
568	7.36	45.87	8.44	-99	30.55	1831.12	54.82	-99	238.02	69271.34	624.73	-99	2338.38	2839.75	519.7	12635.75	444.31	-99	971.66	10805.9	836.14	667.29	183.48	164313.5	2318.3	1161.58	54.3	784.95	69.92	103052.5	6145.03	2021.1	0
569	8.26	48.75	8.99	-99	27.4	148.68	30.58	-99	265.81	79890.94	749.11	-99	2752.23	-99	1654.33	56503.51	1355.32	12450.85	744.11	43404.4	1669.96	-99	470.66	198128.3	3174.38	892.48	59.88	-99	125.97	40481.64	5932.25	2418.48	0
570	7.81	79.75	10.14	113.48	16.67	219.16	32.16	-99	247.34	64910.33	668.23	-99	2757.94	-99	1625.85	28569.99	835.81	-99	1440.16	41166.57	1439.9	548.53	215.25	183555.9	3340.02	882.7	57.47	-99	136.1	15246.4	4696.07	2152.43	0
571	7.68	60.86	9.51	90.93	16.11	260.14	33.21	-99	250.11	62165.9	671.46	-99	2867.75	1644.47	819.33	30850.85	900.53	29289.56	943.04	46304.64	1606.71	1039.45	237.77	203242	3368.15	587.07	57.01	-99	130.49	17314.01	5060.33	2344.09	0
572	7.92	83.02	10.11	123.7	16.48	118.88	29.31	-99	238.44	56287.98	643	-99	2919.92	-99	1541.04	47363.12	1144.87	-99	1307.56	39822.96	1439.87	-99	460.64	213215.3	3468.62	751.65	56.11	-99	136.77	10704.23	4634	2532.94	0
573	9.48	94.66	11.48	-99	30.16	-99	63.47	-99	288.95	84095.05	826.51	-99	3094.96	-99	2233.21	25545.11	927.7	8472.26	1001.05	52402.56	1719.64	3871.51	269.55	179490.5	3971.83	958.15	62.68	-99	138.43	-99	9638.77	2827.26	0
574	10.43	32.92	7.78	-99	24.37	-99	50.53	-99	196.83	31255.73	509.92	-99	2773.99	-99	879.68	115160.3	1535.58	3447.73	346.25	26725.78	1013.41	431.24	190.47	164454.4	1819.36	623.88	45.15	-99	114.97	-99	6349.61	1511.89	0
575	13.02	100.51	12.1	159.72	19.67	-99	62.12	-99	279.38	73986.25	775.87	-99	3047.04	-99	1872.21	45885.52	1244.05	8120.43	812.87	31698.34	1349.59	4540.15	283.69	159538.2	3088.16	845.94	64.58	178.38	83.26	-99	9557.32	2474.13	0
576	7.97	60.45	9.5	-99	26.42	70.89	29.31	-99	273.81	94985.48	799.6	-99	2573.39	-99	1703.01	33276.56	969.7	4201.62	753.75	14805.75	837.15	1215.39	170.39	84759.83	1754.8	1028.32	58.89	965.45	82.05	-99	7214.66	2463.31	0
577	7.8	45.99	9.21	-99	29.47	178.63	33.2	-99	282.89	92186.2	814.21	-99	2666.42	-99	1678.39	45755.08	1203.46	1641.58	714.02	30068.67	1312.23	-99	404.64	164392.3	2890.81	771.11	55.58	-99	129.92	29701.44	5542.64	2447.19	0
578	9.06	-99	16.98	62.65	16.89	-99	63	-99	246.5	43692.07	645.83	-99	3130.76	-99	1300.99	191610.9	2602.58	975.48	411.38	14437.85	1261.42	-99	496.21	96340.44	1576.9	1111.21	79.48	3382.59	158.48	-99	13109.11	2586.55	0
580	10.55	38.57	8.03	-99	22.97	-99	50.65	-99	202.6	35697.79	534.56	-99	2853.53	-99	1335.45	21966.2	630.05	9404.79	642.07	46178.91	1348.72	2697.24	238.75	214940.3	3417.77	1406.46	61.45	157.14	64.76	-99	6965.71	1970.72	0
581	7.42	67.93	9.85	-99	29.19	901.45	45.33	-99	255.26	72326.17	679.44	-99	2470.44	2825.29	553.49	24887.91	670.2	-99	1000.99	9924.56	735.28	-99	335.81	117911	1846.74	1204.66	59.32	-99	134.23	22576.97	4790.2	1759.19	0
582	6.84	39.26	8.29	-99	27.57	827.23	41.64	-99	240.59	64587.2	641.51	-99	2530	6606.41	596.29	78205.71	1403.87	-99	944.62	16393.52	1127.47	-99	401.2	143117.2	2027.64	788.88	58.45	-99	132.2	71140.84	6918.42	2308.05	0
585	7.54	52.98	8.77	-99	29.01	1395.55	49.43	-99	247.49	78978.8	671.35	-99	2337.04	2873.19	581.04	22911.43	657.52	-99	1053.69	15164.22	970.66	-99	358.66	162829.6	2370.51	1079.77	53.97	647.71	69.03	99775.86	6382.24	2273.66	0
586	8.95	70.05	10.47	127.81	18.35	139.28	33.13	-99	287.89	91058.31	838.69	-99	2804.17	-99	1545.9	21022.52	722.08	27237.45	897.74	31777.1	1467.74	-99	595.97	150969	2379.05	1110.7	74.19	78761.01	1350.15	-99	12065.14	2204.47	0
587	8.56	34.16	8.98	-99	32.18	1298.82	53.4	-99	265.67	67467.65	720.16	-99	2797.37	5786.73	641.37	92133.09	1646.31	-99	984.68	11268.48	1212.46	-99	541.34	177646.9	2495.39	689.03	71.39	-99	171.65	49258.09	7911.25	2722.39	0
588	7.75	49.37	9.2	43.78	16.31	1372.27	51.41	-99	266.66	85367.09	748.32	-99	2445.92	7846.19	732.37	71365.1	1490.57	-99	1168.78	20257.29	1170.8	-99	387.79	135471.5	2154.75	953.41	59.07	-99	132.29	42995.61	6189.3	2450.12	0
589	8.72	123.62	11.82	58.93	17.38	1593.74	55.29	-99	262.19	73104.06	718.76	3433.47	1395.17	3779.3	963.57	34360.73	1057.09	-99	1676.78	44219.24	1535.39	-99	413.65	170479.2	3450.11	723.68	55.08	-99	131.03	11817.48	4819.94	2513.38	0
590	13.95	492.33	21.88	218.5	20.49	193.29	31.23	-99	304.77	134125.1	1054.24	-99	2452.25	-99	1469.68	1866.8	243.83	8649.45	727.85	12281.19	649.18	728.13	119.53	62862.68	1248.92	885.35	43.02	2516.19	91.28	-99	5144.19	1695.13	0
591	8.28	94.07	11.25	132.95	18.46	556.69	40.34	-99	273.63	80311.85	762.76	-99	2759.01	-99	1697.41	49541.16	1254.63	-99	1418.87	37339.24	1535.61	-99	588.21	284772.9	4286.81	759.65	62.05	11805.85	294.28	-99	10482.42	2614.37	0
592	8.05	92.34	10.71	-99	27.83	338.33	35.52	-99	258.76	73540.44	704.93	-99	2670.71	2813.51	881.33	9752.38	442.1	2576.15	817.62	30878.02	1123.64	-99	366.1	153914.8	3137.76	948.08	55.14	4114.46	144.19	-99	8174.63	1912.88	0
593	8.7	82.45	11.5	-99	32.84	461.83	42.41	-99	294.55	83783.6	829.64	-99	2888.75	2061.17	875.53	45799.89	1209.73	4236.71	749.8	30594.16	1373.65	-99	452.2	170204.5	3103.34	1104.5	70.01	-99	169.96	-99	10576.79	2307.39	0
594	8.59	67.88	11.24	-99	33.63	561.28	44.51	-99	328.86	123662.1	1041.13	4914.7	1302.06	2268.12	911.93	64789.04	1578.26	-99	1446.74	17311.81	1135.28	-99	393.74	108122.7	2084.53	910.16	64.67	-99	150	-99	11729.68	3091.09	0
595	11.04	90.1	14.09	-99	42.15	149.92	44.46	-99	355.7	107663.9	1081.03	-99	3101.57	-99	2011.97	8243.57	466.31	3573.82	930.43	17719.47	1031.42	-99	361.74	99355.3	2406.59	1740.51	84.74	-99	163.87	-99	10278.88	2862.9	0
596	8.56	38.5	8.63	52.67	14.82	99.38	29.14	-99	185.11	15081.57	523.08	-99	3232.35	-99	1036.89	322704	3098.8	-99	544.29	10056.93	1331.93	-99	452.02	33111.54	919.86	337.36	74.82	-99	200.7	-99	15284.54	3085.82	0
597	8.08	100.76	10.92	70.2	15.88	426.5	36.74	-99	283.51	101452.7	844.56	-99	2634.8	-99	1939.7	32384.25	1020.54	4452.17	850.13	51077.63	1809.75	-99	497.7	232214.8	4228.92	744.2	57.8	-99	139	22833.1	5536.31	2632.68	0
598	8.03	79.74	10.1	59.01	15.06	103.06	29.97	-99	267.69	84562.52	758.81	-99	2647.3	-99	1786.59	50360.81	1290.63	1561.59	744.38	35568.11	1395.76	616.89	198.1	121735	2370.35	981.06	60.66	1393.51	96.32	10769.1	5023.41	2604	0
599	5.91	-99	11.34	-99	20	-99	41.49	-99	126.38	4697.48	388.7	-99	2573.27	-99	309.9	5652.35	164.3	344.38	153.87	1920.56	450.67	-99	449.28	327207.1	2848.27	645.19	42.11	124.69	54.27	-99	4248.02	866.93	0
600	9.38	59.91	10.27	65.6	17	87.81	33.23	-99	291.72	75264.34	817.57	-99	3172.96	-99	1994.47	171091	3101.52	-99	1249.74	9785.51	1064.26	-99	389.87	50273.44	1192.89	1095.12	74.54	-99	161.22	-99	13097.36	2332.55	0
601	8.46	89.39	10.84	85.33	16.24	64.88	30.03	-99	282.63	93286.03	824.97	-99	2771.85	-99	1834.01	39931.3	1136.36	3009.77	787.43	57898.27	1887.65	-99	476.67	210012.1	3708.16	816.57	58.23	4984.46	167.15	18410.97	5368.02	2621.15	0
602	8.67	98.84	11.1	49.92	15.56	347.17	35.56	-99	256.61	68662.24	705.04	-99	2819.69	-99	1453.99	43950.15	1079.29	7737.54	656.06	41189.72	1489.05	-99	426.98	178903.8	2846.35	817.5	57.93	1360.72	94.71	20769.81	5143.69	2831.82	0
603	7.35	52.15	8.95	-99	29.1	852.31	42.55	-99	254.69	75409.63	702.83	-99	2691.98	-99	1732.16	40112.39	1107.5	-99	1482.08	40670.61	1633.61	-99	428.88	173486.7	3194.57	694.59	55.43	-99	129.88	64235.07	6401.87	2306.07	0
604	10.61	604.1	23.52	128.87	19.61	1174.04	51.42	-99	281.46	68468.75	800.78	-99	3596.7	-99	2245.61	15374.52	640.2	20485.15	1125.82	37078.14	1436.81	-99	519.66	231516.7	4850.94	696.87	61.31	16664.98	468.24	-99	9310.07	1257.04	0
606	4.93	-99	11.77	-99	18.74	-99	41.29	-99	123.33	1433.77	403.74	-99	2697.32	-99	338.76	177.97	38.22	822.79	170.34	3802.44	556.66	-99	560.63	446434.3	3563.72	131.76	38.06	-99	92.54	-99	4371.34	959.58	0
607	8.88	109.6	13.23	123.08	20.55	80.91	36.37	-99	340.62	126106.3	1110.59	-99	2798.7	-99	2138.64	51534.35	1465.1	5405.37	883.5	31257.66	1484.15	-99	418.99	123705.3	2610.35	3828.95	123.03	-99	161.28	-99	11667.96	3035.64	0
608	10.24	39.54	10.53	-99	35.86	-99	74.62	-99	319.47	98204.89	936.84	-99	2916.84	-99	1727.11	17028.15	638.34	-99	1564.15	16933.92	959.28	-99	363.68	115369.8	2413.72	1402.19	71.74	-99	153.72	-99	9863.57	2378.68	0
609	7.19	48.69	8.74	-99	28.78	1367.86	50.36	-99	250.45	77235.07	674.57	-99	2367.02	3625	609.19	8792.7	390.69	-99	1144.92	13541.44	913.8	-99	362.61	161668.1	2547.39	1092.22	56.18	791.42	73.86	89656.74	6185.28	2229.68	0
610	7.12	57.59	9.48	42.98	15.48	757.59	42.26	-99	263.43	86097.26	733.05	-99	2461.19	3012.64	672.98	3885.13	267.08	-99	1275.73	17583.63	965.32	-99	379.1	173925.2	2866.06	942.21	53.99	3738.59	127.01	57830.95	5514.48	2527.48	0
611	7.52	-99	13.51	38.25	13.61	-99	53.27	-99	265.19	99335.36	773.04	-99	2253.36	-99	786.38	1289.07	149.68	957.04	377.36	2599.52	610.05	-99	479.12	308732.3	2897.08	515.59	42.03	10378.98	190.12	-99	5486.44	2281.94	0
612	5.98	-99	11.62	-99	18.76	-99	41.7	-99	122.46	2748.61	391.52	-99	2601.17	-99	379	1006.34	77.02	1351.95	193.44	2602.48	534.78	-99	540.65	398742.6	3371.41	1192.02	52.92	-99	98.64	-99	4306.22	1138.34	0
613	8.52	110.35	11.68	396.91	24.55	846.38	44.95	-99	298.63	111122.7	935.34	-99	2855.08	2571.84	1187.62	18721.47	788.5	4323.55	1057.76	52827.97	1764.93	-99	335.36	134483.8	3283.75	616.28	48.26	-99	109	50751.46	5668.11	2854.21	0
614	7.06	52.3	8.1	-99	22.52	-99	49.78	-99	189.82	35904.95	490.68	-99	2528.9	-99	810.08	2568.78	182.84	7351.18	428.76	16432.07	789.82	-99	461.69	265302.4	3087.88	589.84	47.94	6054.76	151.65	-99	5972.96	1277.5	0
615	8.47	325.65	16.64	342.43	22.34	649.89	40.57	807.67	126.87	64543.33	639.31	14674.16	1287.89	-99	1559.16	3250.81	243.56	1814.52	732.64	89230.53	2042.13	-99	338.47	70166.66	1504.06	775.26	52.12	28980.94	622.01	-99	7125.86	1915.94	0
616	8.01	76.42	10.06	-99	29.69	536.07	39.21	-99	270.51	81163.1	753.4	-99	2726.91	-99	1782.52	39049.18	1104.14	3119.62	769.38	28195.7	1284.67	-99	419.24	176686.7	3258.55	711.56	55.95	-99	123.48	33090.25	5541.44	2458.28	0
617	7.04	43.11	8.05	-99	28.99	2000.99	54.86	-99	224.76	64245.44	582.45	-99	2286.31	2591.35	462.64	6799.09	308.68	-99	880.7	10392.93	779.31	-99	322.65	167736	2219.54	1010.53	48.23	-99	102.59	120776.6	5956.46	2047.45	0
618	9.41	66.3	10.38	59.55	16.13	-99	62.13	-99	289.12	83556.9	821.05	-99	3005.85	-99	2089.77	85530.48	2081.45	5834.79	816.05	33044.64	1463.72	-99	442.94	102489	2109.64	864.68	65.25	19221.71	453.14	-99	11089.95	2242.04	0
619	8.25	67.9	9.44	38.21	13.67	-99	54.67	-99	249.79	67766.31	683.52	-99	2800.42	-99	1770.72	51164.39	1304.69	5889.23	754.42	52290.39	1736.81	-99	486.01	207624.5	3551.69	1064.68	63.26	6761.29	201.55	-99	9668.98	2003.85	0
620	9.25	83.33	11.2	-99	28.95	-99	62.71	-99	308.58	102998.5	945.81	-99	3122.57	-99	2553.84	39053.24	1321.77	9514.83	1091.69	38159.43	1522.45	2216	252.62	168412.9	3915.66	1154.31	70.01	751.61	90.5	-99	9956.43	2621.83	0
621	8.54	117.33	11.9	107.3	17.45	324.57	35.56	-99	275.91	90387.3	801.44	-99	2675.41	-99	1756.67	34418.61	1009.21	-99	1528.18	26039.41	1118.47	-99	362.39	129341.8	2555.27	898.28	57.31	343.48	73.17	-99	8668.55	2077.16	0
622	8.11	31.81	8.15	-99	27.38	291.34	32.8	285.7	103.35	30491.34	525.04	-99	2811.68	-99	1053.6	228046.3	2517.34	659.35	319.12	6450.19	1079.03	-99	524.63	126385	1688.44	348.77	65.73	-99	180.59	-99	13152.58	2503.13	0
623	8.66	110.62	11.63	73.37	16.86	564.3	40.46	-99	285.45	87738.84	832.49	3336.56	1517.48	-99	2583.37	66348.51	1970.62	-99	2016.59	35744.76	1542.11	-99	400.79	114858.2	2818.58	1124.09	69.64	-99	148.12	-99	11179.82	2778.8	0
624	8.54	88.48	11.5	59.28	17.15	612.22	43.3	-99	324.69	129350.9	1061.78	4615.3	1341.52	2183.08	1041.33	72354.17	1819.18	2552.4	815.61	33189.2	1471.94	-99	434.97	162931.8	3019.51	676.3	57.11	265.13	74.68	-99	10489.42	2676.59	0
625	9.45	95.4	12.68	204.3	23.86	1384.42	60.13	-99	342.8	135625.6	1160.69	4970.58	1354.73	3401.61	1042.47	21622.16	826.02	1843.98	921.3	12779.65	903.91	-99	352.21	117017.7	2609.8	1018	61.87	1480.28	98.61	-99	10047.95	2504.14	0
626	8.55	49.28	9.6	-99	28.57	-99	60.59	-99	261.58	70719.31	707.01	-99	2657.18	-99	1122.44	31902.85	789.66	-99	997.01	16240.84	933.78	-99	467.06	219607.4	2883.22	1400.65	65.17	5393.5	157.01	-99	7913.1	2330.84	0

Appendix 3 - XRF Calfactors Calibrations

Project: Ele Date: Sept 3rd, 2021
y=mx+b

Cu	Cu Error	Ni	Ni Error	Co	Co Error	Cu_BTM	Cu_Error_E	Ni_BTM	Ni_Error_B	Co_BTM	Co_BTM_Error
0.168198	0.00949	3.539015	0.053973	0.101677	0.032622	0.17	0.014	3.57	0.308	0.126	0.02
0.176695	0.009519	3.540674	0.05344	0.122121	0.032301	0.17	0.014	3.57	0.308	0.126	0.02
0.185093	0.009493	3.485547	0.051975	0.126225	0.031894	0.17	0.014	3.57	0.308	0.126	0.02
0.173325	0.009448	3.515474	0.053022	0.098028	0.032046	0.17	0.014	3.57	0.308	0.126	0.02
0.17701	0.009408	3.487704	0.052317	0.104857	0.03185	0.17	0.014	3.57	0.308	0.126	0.02
0.190882	0.009745	3.528946	0.053376	0.104905	0.032228	0.17	0.014	3.57	0.308	0.126	0.02
0.182721	0.009489	3.466163	0.052018	0.121854	0.031937	0.17	0.014	3.57	0.308	0.126	0.02
0.182633	0.00973	3.486805	0.053513	0.133602	0.032757	0.17	0.014	3.57	0.308	0.126	0.02
0.1831	0.009529	3.480669	0.052329	0.107856	0.031997	0.17	0.014	3.57	0.308	0.126	0.02
0.190847	0.00981	3.524246	0.0537	0.070979	0.032397	0.17	0.014	3.57	0.308	0.126	0.02
0.180869	0.009434	3.438159	0.051606	0.088271	0.031809	0.17	0.014	3.57	0.308	0.126	0.02

Appendix 4 - Expenditure Summary

	Invoice	Description	AMT	Subtotal
Geological Service Contractor				
	15796 Aug2021	Geology work	$ 7,311.25	
	15796 Sep2021	Geology work	$ 36,302.21	
				$ 43,613.46
Analytical				
	5677355	Analytical	$ 6,309.81	
				$ 6,309.81
			Total	$ 49,923.27

ALS Canada Ltd.

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
This copy reported on
15-OCT-2021
Account: ARCCVUJT

CERTIFICATE TB21244101

This report is for 82 samples of Rock submitted to our lab in Thunder Bay, ON, Canada on 11-SEP-2021.

The following have access to data associated with this certificate:

NEIL MCCALLUM	TAYLOR MCPHERSON	WARREN STANYER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-MS23L	Low level PGM - FA ICPMS	ICP-MS
ME-MS61	48 element four acid ICP-MS	

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

Signature:

Saa Traxler, General Manager, North Vancouver

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
152301		1.52	0.27	7.60	8.8	740	0.50	0.02	2.83	0.80	13.85	35.6	340	0.90	30.7	4.22
152302		1.17	0.31	0.57	16.1	60	0.07	0.29	0.05	0.10	4.86	0.5	23	0.37	11.4	0.58
152303		1.55	0.05	7.26	<0.2	50	0.19	0.02	5.27	0.21	7.48	82.0	1240	0.09	79.9	6.00
152304		0.73	0.04	2.58	2.6	40	0.08	0.02	3.18	0.21	2.74	24.2	355	0.12	34.1	2.24
152305		1.35	0.06	7.51	9.9	650	0.91	0.05	2.81	0.05	46.1	17.0	99	1.85	30.0	3.51
152306		1.18	0.01	1.48	0.3	20	0.07	0.01	10.95	0.03	1.40	86.4	2780	0.70	49.3	5.93
152307		1.07	0.01	1.25	0.2	10	<0.05	<0.01	0.51	0.10	1.02	130.0	5870	0.68	5.7	7.34
152308		1.50	<0.01	1.34	0.4	10	0.05	<0.01	0.38	0.04	1.10	120.5	3010	0.28	25.4	8.85
152309		1.19	0.01	7.01	0.5	1410	0.31	0.01	3.68	0.07	8.36	52.9	54	0.63	41.8	9.40
152310		1.53	0.01	3.78	0.3	20	0.21	0.01	4.81	0.09	3.99	142.0	1540	0.29	63.8	9.96
152311		1.31	0.07	6.92	3.0	150	0.48	0.01	3.64	0.13	6.76	90.1	1120	0.64	90.4	6.05
152312		1.12	0.05	7.85	16.5	310	0.80	0.25	0.37	0.10	18.95	4.7	43	0.67	22.2	2.34
152313		1.74	0.03	6.53	4.8	100	0.24	0.02	5.42	0.20	6.62	78.0	1200	0.53	89.5	7.70
152314		1.29	0.04	5.50	1.6	80	0.19	0.01	6.93	0.14	5.25	68.6	1240	0.49	68.3	6.46
152315		1.70	0.03	6.86	1.1	50	0.27	0.01	5.83	0.12	7.19	91.5	1480	0.18	89.1	6.56
152316		1.23	0.02	1.84	1.0	10	0.09	0.01	5.21	0.19	1.54	96.3	1520	0.96	19.5	6.03
152317		0.96	0.01	2.10	0.4	10	0.08	0.01	0.49	0.02	1.27	105.0	2910	0.11	19.4	6.92
152318		0.93	0.25	0.65	46.0	70	0.10	0.39	0.04	<0.02	7.61	0.9	90	0.73	15.9	0.53
152319		0.62	0.20	0.55	61.6	70	0.13	0.61	0.05	0.21	6.58	2.8	38	0.51	32.7	0.91
152320		1.09	0.02	5.56	2.3	160	1.54	0.05	6.35	0.21	109.5	56.6	606	0.10	50.7	8.30
152321		0.85	0.04	6.78	3.6	990	0.29	0.03	6.30	0.26	7.63	60.2	644	0.63	83.5	6.23
152322		1.38	0.05	6.84	7.8	60	0.27	0.03	2.48	0.16	7.01	82.1	953	1.25	90.8	10.05
152323		1.11	0.14	3.06	5.4	70	0.32	0.04	5.37	0.21	5.98	198.0	1220	14.10	76.1	15.95
152324		1.43	0.23	7.09	15.1	10	0.18	0.46	0.06	0.29	10.35	124.0	989	0.22	728	16.65
152325		1.28	0.05	7.89	2.7	330	0.80	0.03	3.26	0.09	34.7	24.0	174	0.51	41.0	4.90
152326		0.94	0.07	0.54	22.1	90	0.24	0.28	0.03	0.05	3.03	1.3	55	0.26	17.0	0.83
152327		0.91	0.02	4.60	2.3	60	0.19	0.02	1.27	0.16	3.36	105.0	2560	0.26	73.4	9.65
152328		1.23	0.01	2.02	1.1	10	0.05	<0.01	1.06	0.03	1.72	116.5	6000	3.14	21.4	7.48
152329		1.17	0.01	6.61	0.8	680	0.21	0.01	4.40	0.05	7.92	50.8	374	0.59	36.4	7.31
152330		0.83	0.03	6.79	9.2	130	0.23	0.01	5.63	0.09	6.42	54.0	657	0.47	91.5	5.25
152331		1.37	0.02	6.82	3.9	140	0.25	0.01	5.35	0.10	6.54	61.2	636	0.42	81.9	6.52
152332		1.01	0.03	7.67	1.2	220	0.27	0.01	3.20	0.13	8.43	52.6	49	0.50	113.5	6.92
152333		0.67	0.06	8.31	18.5	400	1.63	0.11	2.67	0.02	147.5	30.3	45	1.47	77.7	7.24
152334		0.94	0.08	8.00	11.2	580	1.14	0.11	1.22	0.03	45.4	14.8	61	0.90	25.4	3.84
152335		1.29	0.06	7.69	3.0	720	4.78	0.21	5.77	0.16	172.5	32.5	30	1.17	109.5	7.93
152336		1.12	0.01	7.30	0.7	130	0.29	<0.01	3.46	0.05	7.45	55.4	55	0.74	58.8	9.08
152337		1.23	0.01	5.95	1.8	170	0.31	0.01	4.08	0.05	8.07	57.1	451	0.82	59.9	8.62
152338		2.01	0.03	6.30	0.4	130	0.29	0.01	5.61	0.07	7.78	55.7	458	0.53	156.5	8.63
152339		1.23	0.04	7.94	1.8	470	1.16	0.11	3.21	0.09	53.9	15.1	93	0.96	20.0	3.61
152340		0.76	0.02	3.88	0.4	10	0.13	0.01	0.81	0.08	3.50	103.5	2500	1.79	55.8	8.32

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

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
152301		18.10	0.09	2.4	0.035	0.35	6.3	68.3	3.81	672	0.20	2.27	2.9	171.0	370	162.5
152302		3.22	0.06	0.3	0.051	0.21	2.3	2.4	0.03	49	1.19	0.02	0.6	3.2	30	35.0
152303		14.00	0.07	1.3	0.043	0.03	3.4	27.6	3.30	1260	0.21	3.82	1.9	731	350	9.7
152304		6.51	0.05	0.4	0.022	0.05	1.4	17.1	0.75	358	2.51	0.33	0.8	113.5	180	10.3
152305		18.15	0.16	3.0	0.031	2.42	23.0	13.7	0.93	860	0.74	1.30	4.6	53.5	890	6.3
152306		2.61	0.05	0.3	0.013	0.01	0.6	52.1	14.30	1030	0.28	0.01	0.3	1315	60	0.6
152307		3.07	<0.05	0.2	0.011	0.01	<0.5	9.5	22.0	1100	0.11	0.01	0.2	2160	70	<0.5
152308		3.10	<0.05	0.2	0.012	0.02	<0.5	18.5	21.2	1420	0.28	<0.01	0.2	2160	60	<0.5
152309		17.00	0.08	1.8	0.054	1.83	3.0	57.1	5.00	1380	0.19	1.37	2.0	92.7	320	1.1
152310		8.67	0.06	0.8	0.034	0.02	1.4	16.5	12.85	2050	0.25	0.06	0.9	1255	180	<0.5
152311		13.45	0.06	1.3	0.055	0.28	2.6	56.6	2.74	1510	0.25	2.60	1.5	544	250	2.9
152312		18.25	0.08	2.1	0.024	1.20	8.7	13.5	0.78	241	1.37	4.19	2.3	20.9	380	4.2
152313		14.10	0.06	1.4	0.066	0.14	2.5	40.4	4.31	1780	0.21	1.61	1.7	509	230	1.4
152314		11.55	0.05	1.1	0.046	0.04	2.1	39.3	3.99	2070	0.20	1.01	1.4	513	200	1.4
152315		13.40	0.05	1.4	0.054	0.03	2.7	15.4	2.89	1800	0.31	3.23	1.6	744	250	0.5
152316		3.83	0.05	0.3	0.014	0.02	0.6	20.6	16.75	1400	0.33	0.02	0.3	1915	60	1.2
152317		4.38	<0.05	0.3	0.015	0.01	<0.5	8.8	16.25	941	0.08	0.02	0.3	1910	70	<0.5
152318		3.99	0.06	0.4	0.150	0.22	3.3	2.4	0.10	48	2.42	0.07	0.7	17.9	40	38.7
152319		3.11	0.06	0.3	0.114	0.16	2.9	9.0	0.05	106	2.89	0.04	0.5	17.5	50	21.5
152320		15.05	0.18	3.4	0.062	0.23	47.5	56.4	10.30	1400	0.05	0.86	3.6	365	2620	12.5
152321		14.50	0.06	1.4	0.063	0.53	3.2	52.7	5.02	2070	0.36	1.10	1.8	329	280	1.3
152322		14.50	0.07	1.4	0.063	0.15	2.9	57.9	5.20	1120	0.53	0.78	1.6	416	250	2.3
152323		6.30	0.08	0.5	0.030	0.63	3.5	7.3	6.15	4990	0.35	0.04	0.5	3220	110	2.9
152324		21.5	0.13	1.8	0.103	0.01	3.9	64.5	7.95	1330	0.82	0.01	2.1	266	310	11.1
152325		22.3	0.09	2.3	0.042	0.49	14.5	34.1	3.04	876	0.22	3.42	2.4	86.1	760	4.4
152326		2.50	0.05	0.3	0.044	0.17	1.4	2.9	0.03	63	2.31	0.04	0.5	13.0	60	8.2
152327		11.55	<0.05	0.9	0.038	0.01	1.3	42.0	6.13	2410	0.14	0.01	1.2	1100	210	5.1
152328		4.44	<0.05	0.3	0.016	0.03	0.7	15.4	20.5	1070	0.25	0.02	0.3	2060	80	<0.5
152329		12.80	0.08	1.2	0.046	1.52	3.2	40.1	6.41	1320	0.12	2.25	1.4	175.5	230	0.7
152330		13.90	0.05	1.2	0.049	0.12	2.5	37.9	4.55	1180	0.34	2.00	1.1	232	250	0.6
152331		14.60	0.06	1.3	0.052	0.19	2.7	41.5	6.22	1480	0.34	1.33	1.3	263	220	0.7
152332		19.20	0.06	1.8	0.066	0.28	3.1	48.9	4.02	1170	0.90	2.18	2.3	81.8	390	0.8
152333		24.0	0.26	5.3	0.056	1.17	62.9	41.7	2.70	899	0.39	2.74	9.4	38.2	2520	4.7
152334		22.1	0.11	2.0	0.025	0.92	20.6	21.1	1.21	680	0.62	4.08	3.2	40.6	700	6.8
152335		25.1	0.27	6.8	0.083	1.22	76.2	32.0	3.27	1740	0.39	1.43	7.8	27.0	3380	25.0
152336		18.15	0.07	1.7	0.058	0.45	2.7	45.0	4.24	1130	0.56	2.73	2.2	106.5	360	0.5
152337		13.55	0.07	1.3	0.053	0.55	3.2	45.4	7.38	1090	0.06	1.75	1.5	173.5	230	<0.5
152338		13.95	0.07	1.3	0.056	0.40	3.0	40.6	6.40	1170	0.17	2.57	1.5	168.5	240	0.5
152339		20.9	0.12	2.6	0.029	1.63	24.2	36.6	1.75	495	0.11	2.86	4.5	57.7	730	12.0
152340		8.05	0.05	0.7	0.032	0.02	1.9	43.9	17.90	1420	0.21	0.03	0.8	1390	150	0.5

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
152301		4.7	<0.002	0.12	0.24	28.2	1	0.5	245	0.21	0.05	1.04	0.392	0.30	0.4	179
152302		8.6	0.004	0.05	1.68	2.1	2	2.1	5.4	<0.05	0.12	0.39	0.023	0.95	0.2	10
152303		0.5	0.002	0.37	0.13	41.5	1	0.4	98.7	0.11	<0.05	0.28	0.465	0.20	0.1	247
152304		1.6	<0.002	0.20	0.16	12.9	2	0.3	33.0	<0.05	<0.05	0.10	0.148	0.06	<0.1	83
152305		75.3	<0.002	0.13	0.18	11.5	2	0.7	249	0.33	<0.05	3.39	0.336	0.51	0.9	90
152306		0.8	<0.002	0.01	<0.05	16.5	1	<0.2	116.5	<0.05	<0.05	0.05	0.102	<0.02	<0.1	70
152307		0.9	<0.002	0.03	<0.05	10.5	<1	<0.2	7.0	<0.05	<0.05	0.04	0.070	<0.02	<0.1	60
152308		1.3	<0.002	0.01	<0.05	12.8	1	<0.2	3.2	<0.05	<0.05	0.04	0.087	<0.02	<0.1	62
152309		34.5	0.002	<0.01	0.07	37.2	1	0.3	188.0	0.13	<0.05	0.32	0.503	0.14	0.1	256
152310		1.1	<0.002	<0.01	0.17	28.7	1	0.3	9.1	0.06	<0.05	0.14	0.251	<0.02	<0.1	152
152311		5.6	<0.002	0.33	0.56	38.8	1	0.4	130.5	0.10	<0.05	0.22	0.422	0.13	0.1	235
152312		38.8	<0.002	0.40	0.77	4.8	1	1.2	243	0.18	<0.05	1.60	0.173	0.48	0.5	38
152313		7.8	<0.002	0.08	0.24	38.1	1	0.5	192.5	0.11	<0.05	0.23	0.429	0.12	0.1	236
152314		1.6	<0.002	0.16	0.49	31.6	1	0.4	112.5	0.09	<0.05	0.19	0.356	0.09	<0.1	198
152315		0.5	0.002	0.28	0.22	40.1	1	0.4	94.3	0.11	<0.05	0.22	0.430	0.11	0.1	242
152316		2.6	<0.002	0.11	0.47	12.7	1	<0.2	46.2	<0.05	<0.05	0.06	0.092	0.10	<0.1	64
152317		0.4	<0.002	0.01	0.24	14.4	1	<0.2	9.4	<0.05	0.05	0.07	0.107	<0.02	<0.1	78
152318		9.4	0.004	0.09	1.62	4.5	2	5.7	7.0	0.06	0.24	0.62	0.039	1.52	0.2	17
152319		8.1	<0.002	0.08	1.39	2.7	3	3.2	10.2	<0.05	0.33	0.49	0.023	0.82	0.2	13
152320		2.4	<0.002	0.01	0.24	27.6	1	1.0	341	0.21	<0.05	7.85	0.557	0.02	1.5	202
152321		15.6	0.002	0.18	0.24	39.0	1	0.5	135.5	0.11	<0.05	0.35	0.416	0.45	0.2	223
152322		5.3	0.002	4.58	0.52	37.0	1	0.5	53.7	0.10	0.06	0.31	0.409	0.24	0.2	237
152323		27.5	<0.002	0.45	0.54	18.9	1	0.3	81.0	<0.05	0.08	0.15	0.135	0.49	0.1	97
152324		0.2	0.002	4.09	1.22	48.3	13	1.3	2.0	0.14	0.19	0.46	0.529	0.02	0.1	299
152325		6.1	<0.002	0.15	0.26	14.4	1	0.6	831	0.13	<0.05	1.46	0.351	0.13	0.4	134
152326		6.8	0.002	0.07	0.81	3.2	2	1.1	22.0	<0.05	0.13	0.51	0.023	0.63	0.1	16
152327		0.9	<0.002	0.25	1.21	26.1	1	0.3	8.3	0.08	<0.05	0.22	0.288	0.12	0.1	168
152328		3.9	<0.002	0.08	0.14	13.4	1	<0.2	10.8	<0.05	<0.05	0.08	0.100	0.18	<0.1	83
152329		25.6	<0.002	<0.01	0.10	35.0	1	0.3	179.0	0.09	<0.05	0.50	0.339	0.28	0.1	208
152330		4.0	0.002	0.06	0.14	38.5	1	0.4	124.5	0.08	<0.05	0.29	0.357	0.09	0.1	227
152331		6.5	<0.002	0.01	0.27	41.8	1	0.4	122.5	0.08	<0.05	0.31	0.360	0.08	0.1	232
152332		3.3	<0.002	0.13	0.07	36.5	1	0.6	219	0.15	<0.05	0.32	0.565	0.07	0.1	284
152333		34.3	<0.002	0.12	0.40	17.3	1	1.2	535	0.42	<0.05	8.01	0.589	0.24	1.6	210
152334		25.5	<0.002	0.10	0.17	7.5	1	0.6	907	0.20	0.07	2.56	0.250	0.24	0.8	71
152335		34.5	<0.002	0.01	0.20	20.3	1	1.7	1290	0.42	<0.05	9.12	0.642	0.28	2.4	262
152336		5.2	0.002	0.01	0.22	36.1	1	0.2	109.5	0.13	<0.05	0.34	0.516	0.09	0.1	269
152337		12.8	<0.002	0.01	0.16	40.6	1	0.3	124.5	0.10	0.05	0.32	0.407	0.12	0.1	233
152338		7.5	0.002	0.39	0.44	41.7	2	0.3	87.0	0.10	<0.05	0.33	0.391	0.09	0.1	239
152339		34.4	<0.002	0.01	0.20	8.9	1	0.6	809	0.24	<0.05	3.01	0.275	0.22	0.9	75
152340		1.6	<0.002	0.05	0.09	23.8	1	0.4	8.0	0.05	<0.05	0.22	0.215	0.08	0.1	137

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VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
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CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS23L	PGM-MS23L	PGM-MS23L
	Analyte	W	Y	Zn	Zr	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppb	ppb	ppb
	LOD	0.1	0.1	2	0.5	1	0.1	0.2
152301		0.2	12.5	353	97.9	<1	2.8	2.1
152302		0.2	2.8	43	10.4	1	<0.1	<0.2
152303		0.3	18.2	109	47.2	2	13.1	12.6
152304		0.1	4.5	82	15.6	5	3.3	3.0
152305		0.3	12.7	57	129.0	1	0.5	0.4
152306		<0.1	3.6	43	9.4	1	5.8	14.8
152307		<0.1	2.3	101	6.5	1	3.8	3.3
152308		<0.1	3.1	76	8.1	<1	4.5	4.3
152309		0.1	17.7	75	57.9	<1	5.5	4.3
152310		<0.1	9.8	100	28.3	<1	8.9	5.4
152311		0.1	15.3	102	41.4	1	11.7	11.2
152312		1.8	4.8	78	76.4	1	0.2	<0.2
152313		0.1	16.9	131	43.0	1	11.5	11.6
152314		0.1	13.0	93	36.3	6	10.4	10.5
152315		0.1	17.1	96	43.7	2	12.6	12.8
152316		0.1	3.6	88	9.1	<1	3.3	2.4
152317		0.1	4.1	62	10.8	<1	3.0	2.8
152318		0.3	4.2	8	15.5	3	0.1	<0.2
152319		0.3	3.0	133	9.9	<1	0.1	<0.2
152320		0.2	19.4	151	124.0	<1	1.5	0.9
152321		0.2	14.3	141	50.0	2	12.7	11.6
152322		0.2	14.2	109	45.8	2	12.9	10.2
152323		0.1	10.1	95	16.4	11	12.8	17.8
152324		1.2	9.4	209	62.0	2	20.2	18.3
152325		0.2	9.9	95	76.3	1	0.5	0.4
152326		0.1	1.6	24	10.7	2	0.1	<0.2
152327		0.1	9.6	139	31.1	2	6.0	5.6
152328		<0.1	3.8	65	11.0	1	4.4	3.5
152329		0.2	13.3	50	42.6	<1	12.8	10.8
152330		0.3	13.0	79	38.5	1	15.0	14.0
152331		0.2	14.0	86	43.2	<1	14.4	12.9
152332		0.2	16.4	115	59.2	1	4.3	2.0
152333		2.0	21.5	121	210	1	1.7	1.7
152334		0.4	7.8	62	70.4	1	0.2	<0.2
152335		0.3	29.8	148	263	2	1.8	1.6
152336		0.1	14.5	64	57.6	<1	4.2	2.5
152337		0.2	13.6	50	45.0	<1	15.2	14.1
152338		0.1	13.1	56	44.4	<1	15.2	13.8
152339		0.5	8.2	71	99.7	<1	0.3	<0.2
152340		0.1	7.5	101	23.5	3	7.7	5.9

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
152341		0.86	<0.01	2.82	13.4	10	0.07	<0.01	9.24	0.04	2.08	86.7	3470	1.57	13.7	5.87
152342		1.77	0.02	2.85	2.0	10	0.09	0.01	3.07	0.05	2.83	102.0	2870	1.36	18.0	7.59
152343		1.72	0.03	6.68	1.4	490	0.22	0.03	5.22	0.06	6.18	47.5	622	0.81	69.1	7.39
152344		1.37	0.01	1.47	0.2	10	0.07	0.01	19.50	0.03	1.73	67.3	2830	0.43	13.3	4.46
152345		1.20	0.01	2.15	<0.2	20	0.08	0.01	12.15	0.05	1.82	73.6	3920	0.12	20.2	5.98
152346		1.42	0.03	8.23	5.6	110	0.31	0.02	3.56	0.13	5.61	159.5	3190	0.22	118.5	6.73
152347		1.46	0.35	0.83	94.1	50	0.07	0.38	0.09	0.14	2.15	3.2	61	0.59	98.8	2.64
152348		1.72	0.04	7.15	0.7	10	0.28	0.02	7.25	0.07	7.42	74.9	1030	0.19	110.0	9.05
152349		0.92	0.06	6.94	5.6	60	0.27	0.02	1.25	0.69	4.73	120.0	1920	0.54	71.1	9.59
152350		1.49	0.03	7.16	5.5	210	0.27	0.01	5.92	0.10	5.50	104.0	2410	0.71	80.3	8.91
152351		1.44	0.02	4.34	16.6	30	0.39	0.01	4.73	0.11	5.58	97.9	2120	3.23	57.4	13.20
152352		1.28	0.01	7.50	0.6	200	0.12	0.01	1.66	0.06	6.67	65.7	798	0.61	51.6	11.15
152353		1.45	0.02	6.32	0.7	20	0.21	0.02	9.52	0.11	5.91	56.2	693	0.18	80.7	6.99
152354		1.32	0.02	6.68	44.2	130	0.25	0.01	4.67	0.07	5.98	77.2	1250	1.48	80.6	8.35
152355		1.64	0.03	7.38	1.0	120	0.34	0.01	5.59	0.08	7.75	52.7	59	0.55	115.5	6.90
152356		1.64	0.01	1.61	1.2	30	<0.05	<0.01	1.98	0.07	1.98	13.0	27	0.16	22.9	2.16
152357		0.88	0.06	6.65	9.1	30	0.41	0.01	5.90	0.13	7.87	49.2	258	0.42	116.0	7.52
152358		1.48	0.05	7.29	22.9	140	0.29	0.01	4.35	0.15	8.97	47.3	76	0.71	114.0	8.77
152359		1.93	0.03	5.78	1.2	490	0.22	0.01	7.18	0.09	5.13	75.6	565	0.62	78.2	6.49
152360		1.10	0.01	4.36	2.1	10	0.18	<0.01	3.91	0.05	3.28	105.0	1500	0.18	61.9	6.92
152361		1.33	0.06	6.81	74.2	2790	0.16	0.41	3.40	0.42	6.81	79.8	780	0.86	124.5	8.54
152362		0.98	0.15	0.46	44.3	50	<0.05	0.24	0.03	<0.02	1.18	0.8	40	0.40	15.1	0.83
152363		1.59	0.03	4.27	1.4	20	<0.05	0.01	10.00	0.08	4.92	30.9	71	0.13	81.1	6.49
152364		1.06	0.04	6.16	0.8	80	0.19	0.01	2.69	0.08	5.34	55.0	368	0.29	109.5	10.30
152365		0.95	0.03	2.36	9.4	<10	0.08	0.01	1.49	0.05	2.15	108.0	4140	1.08	30.0	7.77
152366		1.01	0.04	3.47	1.8	10	0.14	0.01	0.86	0.14	3.90	104.5	2210	1.45	73.1	9.02
152367		1.37	0.18	1.34	1.9	160	1.37	0.03	0.54	0.22	16.75	5.5	23	14.90	35.3	24.3
152368		1.07	0.04	4.70	33.0	630	0.54	0.07	2.32	0.05	39.0	10.3	109	0.23	3.6	2.47
152369		1.18	0.01	7.22	2.1	810	0.22	0.01	4.00	0.05	4.87	64.3	585	0.40	67.4	6.43
152370		1.36	0.20	4.73	0.7	150	0.29	0.16	0.51	0.73	7.76	39.0	524	0.29	158.0	9.87
152371		1.67	0.30	6.42	6.9	180	0.51	0.24	1.27	0.31	14.45	27.6	116	0.61	127.5	8.44
152372		1.27	0.02	6.58	4.1	450	0.22	0.02	4.60	0.07	6.07	74.1	578	1.28	101.5	7.97
152373		1.14	0.01	1.86	0.5	10	0.06	<0.01	2.76	0.03	1.60	106.5	4240	2.53	16.4	7.01
152374		1.78	0.10	6.80	11.0	60	0.33	0.03	3.03	0.06	8.16	57.1	50	0.44	122.5	9.02
152375		1.04	0.03	6.55	15.1	480	0.28	0.01	4.18	0.08	8.70	51.7	438	0.42	87.6	9.35
152376		1.49	0.02	7.43	0.9	610	1.82	0.01	5.39	0.10	98.8	45.7	18	1.19	21.3	9.40
152377		1.38	0.06	6.60	9.3	60	0.18	0.02	6.62	0.15	7.72	86.0	628	0.26	113.0	5.57
152378		1.14	0.06	5.49	26.5	40	0.32	0.02	6.23	0.16	5.22	105.5	1610	0.58	33.5	7.22
152379		0.97	0.02	6.74	3.1	150	0.28	0.01	6.59	0.12	6.99	61.4	549	0.49	46.6	9.10
152380		1.31	0.02	5.89	1.2	150	0.15	0.01	5.61	0.13	5.69	76.2	1860	0.83	33.1	11.70

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
152341		5.96	<0.05	0.4	0.021	0.01	0.8	46.6	13.50	1580	0.08	0.02	0.5	1090	110	<0.5
152342		6.02	0.07	0.6	0.025	0.03	1.2	16.2	17.05	1200	0.06	0.31	0.7	1600	130	0.7
152343		12.75	0.09	1.2	0.046	1.10	2.6	56.8	7.05	1050	0.18	1.52	1.2	176.5	220	1.9
152344		2.99	0.05	0.2	0.014	0.01	0.9	8.3	8.02	3130	0.17	0.02	0.2	1280	80	0.5
152345		4.33	0.05	0.3	0.018	0.01	0.8	17.2	8.91	3050	<0.05	0.01	0.4	1355	110	<0.5
152346		17.50	0.07	1.4	0.073	0.10	2.1	36.9	3.36	1980	0.40	2.85	1.9	1780	330	1.1
152347		3.29	0.05	0.4	0.229	0.26	1.3	2.4	0.12	88	2.00	0.12	0.7	16.5	70	23.7
152348		14.95	0.07	1.3	0.065	0.01	3.0	23.0	3.08	1690	0.90	0.32	1.9	344	260	1.2
152349		13.00	0.07	1.3	0.061	0.23	1.6	84.2	4.45	883	0.80	1.36	1.5	799	250	2.9
152350		14.90	0.07	1.3	0.059	0.50	1.9	30.1	3.64	2070	0.29	0.11	1.7	910	190	0.7
152351		9.55	0.08	0.9	0.038	0.12	2.4	12.1	7.68	5940	0.18	0.09	1.2	739	210	0.6
152352		14.50	0.07	1.4	0.063	0.60	2.5	55.8	6.02	2840	0.36	0.13	1.9	244	270	0.6
152353		12.85	0.05	1.3	0.050	0.03	2.3	28.3	3.37	1820	0.21	0.50	1.6	222	250	<0.5
152354		13.55	0.08	1.0	0.060	0.86	2.2	66.2	4.35	1880	0.34	0.38	1.5	417	220	<0.5
152355		17.55	0.08	1.6	0.071	0.40	2.9	40.7	3.97	1210	0.36	1.83	2.2	115.5	330	<0.5
152356		4.46	<0.05	0.2	0.010	0.08	0.7	11.3	1.13	692	0.06	0.03	0.3	19.0	70	0.9
152357		13.45	0.09	1.4	0.051	0.05	3.1	25.2	3.69	1540	0.42	2.01	1.7	89.4	290	0.8
152358		15.75	0.09	1.4	0.058	0.43	3.6	38.9	4.46	1440	0.17	1.36	2.0	63.1	320	0.9
152359		12.40	0.07	1.0	0.052	1.02	2.0	31.9	5.67	1570	0.53	1.25	1.2	602	180	<0.5
152360		9.20	0.07	0.8	0.038	0.01	1.1	49.8	10.10	1400	0.09	0.06	0.8	893	160	<0.5
152361		13.85	0.11	1.2	0.092	1.54	2.7	53.7	4.85	1240	0.80	0.54	1.3	1135	230	5.2
152362		3.80	0.05	0.2	0.114	0.17	0.5	9.9	0.07	54	1.86	0.01	0.5	6.2	70	14.2
152363		12.30	0.06	0.8	0.042	0.06	1.9	16.0	2.53	1200	0.82	0.26	1.0	55.4	160	0.6
152364		17.10	0.09	1.4	0.067	0.32	2.0	79.6	7.53	1960	0.12	0.32	1.7	120.5	280	<0.5
152365		4.97	0.06	0.4	0.021	0.02	0.9	5.8	18.25	1190	0.18	0.01	0.5	1770	100	0.5
152366		7.55	0.06	0.7	0.027	0.01	2.1	15.6	15.45	1220	0.14	0.01	0.9	1050	150	<0.5
152367		3.27	0.08	0.6	0.022	0.54	9.2	1.6	1.04	2610	3.43	0.02	1.0	75.2	820	5.7
152368		6.25	0.11	1.8	0.015	2.23	19.7	15.7	0.77	1020	0.17	1.78	2.0	75.5	220	7.2
152369		13.60	0.09	1.1	0.042	1.12	2.0	50.9	5.92	1190	0.12	1.43	1.2	231	240	0.8
152370		9.40	0.08	1.5	0.047	1.05	3.3	30.8	2.88	613	1.56	0.74	2.1	215	240	10.3
152371		15.45	0.10	2.1	0.082	1.57	6.4	35.4	1.77	850	1.01	1.79	3.0	57.6	390	14.2
152372		13.05	0.11	1.1	0.054	0.92	2.6	84.9	8.00	1050	0.47	1.33	1.1	748	210	<0.5
152373		3.80	0.05	0.3	0.013	0.03	0.6	14.4	20.2	1170	0.06	0.03	0.3	2250	90	<0.5
152374		15.85	0.10	1.5	0.061	0.55	3.2	54.3	3.97	1700	0.46	1.59	1.8	69.6	290	4.0
152375		15.15	0.09	1.4	0.061	0.61	3.4	33.1	5.64	2000	0.18	1.27	1.8	119.0	290	1.7
152376		21.1	0.20	6.6	0.078	1.30	45.8	28.8	2.53	1240	1.82	2.09	32.6	14.7	1700	3.3
152377		12.10	0.12	1.2	0.057	0.07	3.1	13.5	2.94	1300	0.26	2.72	1.5	303	290	2.0
152378		9.57	<0.05	1.2	0.052	0.06	2.0	75.5	5.85	1780	0.51	0.68	1.4	1090	240	1.9
152379		12.75	<0.05	1.4	0.056	0.12	2.7	19.8	3.29	3180	0.18	1.46	1.7	325	270	0.6
152380		12.65	<0.05	1.2	0.053	0.22	2.2	26.2	3.55	3990	0.41	0.20	1.4	669	190	0.8

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
152341		1.4	<0.002	0.01	0.06	17.6	1	<0.2	52.2	<0.05	<0.05	0.11	0.146	0.03	<0.1	104
152342		2.2	<0.002	0.06	0.06	18.4	1	0.2	8.5	0.06	<0.05	0.10	0.184	0.11	<0.1	111
152343		25.5	<0.002	0.75	0.35	37.3	1	0.5	124.0	0.09	<0.05	0.29	0.359	0.18	0.1	226
152344		0.8	<0.002	<0.01	<0.05	9.6	1	<0.2	104.0	<0.05	<0.05	0.05	0.065	<0.02	<0.1	54
152345		0.8	<0.002	<0.01	<0.05	13.2	<1	<0.2	94.6	<0.05	<0.05	0.07	0.119	<0.02	<0.1	87
152346		0.6	<0.002	0.28	0.06	46.1	1	0.5	136.5	0.13	<0.05	0.21	0.552	0.15	0.3	323
152347		11.7	0.004	0.20	2.04	2.4	4	4.7	15.5	0.05	0.47	0.61	0.044	1.75	0.2	19
152348		0.7	0.002	1.17	0.34	42.1	1	0.5	81.6	0.12	<0.05	0.25	0.467	0.19	0.2	258
152349		2.8	0.003	3.30	0.06	39.9	<1	0.5	64.2	0.11	<0.05	0.24	0.444	0.33	0.4	268
152350		30.9	0.002	0.48	0.14	42.5	1	0.4	43.5	0.12	<0.05	0.24	0.459	0.48	0.2	259
152351		7.7	<0.002	0.01	0.17	26.4	<1	0.3	67.2	0.08	<0.05	0.23	0.276	0.13	0.1	158
152352		30.4	<0.002	0.01	<0.05	39.4	<1	0.6	29.2	0.13	<0.05	0.27	0.517	0.39	0.1	277
152353		1.3	<0.002	0.13	0.27	36.2	1	0.4	36.7	0.11	<0.05	0.21	0.421	0.05	0.1	229
152354		37.7	<0.002	0.03	0.05	37.6	<1	0.5	70.5	0.10	0.06	0.20	0.428	0.61	0.1	239
152355		8.3	0.002	0.21	0.50	35.9	1	0.3	133.5	0.14	<0.05	0.31	0.542	0.13	0.1	273
152356		3.7	<0.002	0.01	0.19	4.4	<1	<0.2	7.8	<0.05	<0.05	0.07	0.064	0.04	<0.1	43
152357		2.0	<0.002	0.13	0.17	37.1	<1	0.5	104.0	0.11	<0.05	0.32	0.464	0.06	0.1	248
152358		10.0	<0.002	1.01	0.21	35.7	1	0.4	158.0	0.12	<0.05	0.41	0.496	0.27	0.1	255
152359		38.3	<0.002	0.17	0.19	49.1	1	0.2	145.0	0.08	<0.05	0.19	0.370	0.36	<0.1	251
152360		0.6	<0.002	0.01	0.12	28.5	<1	0.2	8.3	0.06	<0.05	0.12	0.261	<0.02	<0.1	164
152361		51.7	0.002	1.61	3.45	41.0	13	1.6	119.5	0.09	0.52	0.28	0.380	0.81	0.1	246
152362		8.8	0.002	0.08	1.08	2.2	2	4.0	5.0	<0.05	0.27	0.41	0.022	0.76	0.2	12
152363		1.3	<0.002	0.23	0.14	20.1	1	0.3	56.8	0.06	<0.05	0.16	0.268	0.04	<0.1	139
152364		9.6	<0.002	0.02	0.05	44.0	<1	0.5	27.9	0.11	<0.05	0.26	0.442	0.08	0.1	255
152365		2.1	<0.002	0.08	0.85	15.4	<1	<0.2	15.5	<0.05	<0.05	0.10	0.161	0.16	<0.1	100
152366		1.3	<0.002	0.31	0.19	23.2	<1	0.2	10.0	0.06	<0.05	0.17	0.241	0.09	0.1	141
152367		55.6	<0.002	0.85	1.10	1.7	2	0.4	22.0	0.06	<0.05	0.78	0.058	0.47	0.2	17
152368		43.3	<0.002	0.01	0.11	5.4	<1	0.5	128.0	0.12	<0.05	2.74	0.154	0.37	0.7	29
152369		39.9	<0.002	0.02	0.19	42.4	1	0.3	120.5	0.08	<0.05	0.27	0.394	0.29	0.1	258
152370		26.1	0.002	4.30	0.32	16.6	2	0.6	52.2	0.16	0.22	0.99	0.258	0.40	0.3	107
152371		45.3	0.002	1.78	0.33	23.1	3	1.1	83.0	0.21	0.28	1.25	0.420	0.55	0.4	186
152372		25.0	<0.002	0.02	0.25	38.7	<1	0.3	110.5	0.08	<0.05	0.25	0.345	0.12	0.1	223
152373		3.1	<0.002	0.03	<0.05	12.3	<1	<0.2	12.2	<0.05	<0.05	0.07	0.095	0.02	<0.1	74
152374		30.0	<0.002	2.67	0.64	34.8	1	0.9	103.5	0.12	0.06	0.32	0.453	0.48	0.1	237
152375		14.8	<0.002	0.72	0.32	42.6	1	0.6	171.5	0.11	<0.05	0.35	0.467	0.36	0.1	255
152376		37.1	<0.002	0.23	0.09	20.9	<1	1.4	640	1.92	<0.05	4.26	1.775	0.40	0.9	262
152377		3.5	<0.002	0.30	0.06	39.7	1	0.4	101.0	0.10	<0.05	0.23	0.437	0.10	0.1	238
152378		2.6	<0.002	0.03	0.23	32.0	1	0.4	63.5	0.09	0.07	0.22	0.348	0.08	0.1	198
152379		5.8	<0.002	0.01	0.07	36.6	<1	0.4	76.1	0.11	<0.05	0.25	0.415	0.03	0.1	222
152380		11.1	<0.002	0.04	<0.05	34.4	1	0.4	38.1	0.09	<0.05	0.26	0.364	0.07	0.1	206

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

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS23L	PGM-MS23L	PGM-MS23L
	Analyte	W	Y	Zn	Zr	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppb	ppb	ppb
	LOD	0.1	0.1	2	0.5	1	0.1	0.2
152341		<0.1	4.6	52	16.7	2	5.9	4.9
152342		<0.1	7.2	68	20.6	<1	4.9	4.4
152343		0.1	13.7	88	41.7	<1	16.9	15.2
152344		<0.1	9.7	29	7.2	2	3.2	2.5
152345		<0.1	4.8	59	11.8	1	4.5	1.5
152346		0.5	9.9	151	50.3	2	15.5	15.7
152347		0.4	2.1	147	15.2	6	0.7	1.0
152348		0.2	19.2	114	42.3	2	13.3	13.7
152349		0.2	11.3	277	46.8	3	13.8	14.3
152350		0.1	16.9	123	44.6	2	11.6	11.9
152351		0.2	15.5	114	34.4	3	12.3	28.3
152352		0.1	18.0	132	32.9	<1	10.9	11.6
152353		0.1	16.4	84	41.1	1	11.3	11.0
152354		0.3	9.8	129	46.6	1	12.5	11.9
152355		0.9	14.3	91	55.7	<1	15.5	14.6
152356		0.1	4.0	32	6.1	1	1.5	1.0
152357		0.5	14.9	104	49.9	2	14.3	14.6
152358		0.3	15.5	118	47.6	1	5.9	3.5
152359		0.2	12.1	78	35.0	<1	20.7	17.9
152360		0.2	9.4	54	27.4	<1	9.5	5.6
152361		0.1	15.3	271	42.1	4	15.0	13.9
152362		0.3	1.7	15	9.0	2	0.1	<0.2
152363		0.1	10.8	75	29.3	2	8.0	8.0
152364		0.1	15.4	79	51.0	6	15.8	12.1
152365		0.9	4.7	67	13.4	<1	4.9	5.0
152366		0.2	7.6	107	23.1	<1	8.9	8.0
152367		0.3	10.4	70	24.5	17	<0.1	0.2
152368		0.5	6.4	33	71.9	2	0.3	0.4
152369		0.1	9.5	72	38.2	<1	15.5	14.4
152370		0.3	7.6	132	61.8	8	5.2	5.2
152371		0.4	11.5	220	77.8	11	8.4	8.8
152372		0.1	13.8	84	39.1	<1	13.9	12.9
152373		<0.1	3.7	64	10.2	<1	3.3	2.9
152374		0.4	11.8	106	53.0	1	4.1	4.1
152375		0.2	14.1	107	44.4	1	14.7	14.6
152376		0.4	26.1	129	261	1	0.4	0.4
152377		0.2	14.3	86	43.6	4	13.8	13.7
152378		0.5	9.9	131	38.0	<1	9.3	9.3
152379		0.1	18.4	102	44.4	24	10.8	10.2
152380		0.1	16.2	120	41.5	1	9.8	9.3

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
152381		1.26	0.05	3.70	0.3	100	0.37	0.01	6.66	0.34	4.50	97.0	2000	3.69	186.5	11.15
152382		2.00	0.07	5.44	3.7	1050	0.41	0.08	1.75	0.23	20.3	25.3	160	1.13	78.8	5.89

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CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
152381		7.99	<0.05	0.7	0.042	0.31	2.1	6.2	5.75	4260	0.10	0.02	0.7	932	140	1.2
152382		12.00	0.05	2.1	0.066	0.39	8.2	35.4	0.92	1460	1.13	1.55	3.5	57.1	390	5.0

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CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
152381		14.3	<0.002	0.24	0.07	22.4	1	0.2	39.0	0.05	<0.05	0.12	0.195	0.16	<0.1	120
152382		15.6	0.002	1.34	0.39	20.2	1	1.0	401	0.23	0.05	0.97	0.334	0.11	0.3	127

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CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS23L	PGM-MS23L	PGM-MS23L
	Analyte	W	Y	Zn	Zr	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppb	ppb	ppb
	LOD	0.1	0.1	2	0.5	1	0.1	0.2
152381		0.1	12.5	96	19.9	2	6.2	4.3
152382		0.8	16.3	160	72.7	1	2.5	2.3

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Finalized Date: 14-OCT-2021
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CERTIFICATE OF ANALYSIS TB21244101

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

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

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME-MS61	PGM-MS23L

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SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
This copy reported on
15-OCT-2021
Account: ARCCVUJT

QC CERTIFICATE TB21244101

This report is for 82 samples of Rock submitted to our lab in Thunder Bay, ON, Canada on 11-SEP-2021.

The following have access to data associated with this certificate:

NEIL MCCALLUM	TAYLOR MCPHERSON	WARREN STANYER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-MS23L	Low level PGM - FA ICPMS	ICP-MS
ME-MS61	48 element four acid ICP-MS	

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

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

Signature:

Saa Traxler, General Manager, North Vancouver

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VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
STANDARDS																
EMOG-17		68.0	4.60	578	150	1.78	5.49	1.95	20.4	45.8	744	56	7.21	8000	4.89	11.80
EMOG-17		68.1	4.65	606	200	1.81	5.76	1.92	20.6	47.3	756	58	7.24	8170	4.85	12.15
Target Range - Lower Bound		60.9	4.18	522	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56	7750	4.42	10.75
Upper Bound		74.5	5.13	638	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12	8910	5.42	13.25
GPP-14																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		3.95	7.11	33.9	1060	3.37	0.64	2.66	2.30	64.4	19.7	94	12.05	598	3.90	19.20
MRGeo08		4.91	7.58	34.5	1130	3.45	0.69	2.83	2.38	65.6	20.7	93	13.25	672	4.10	20.0
Target Range - Lower Bound		3.93	6.64	29.5	920	2.98	0.58	2.35	2.00	66.2	17.7	81	11.20	587	3.55	17.50
Upper Bound		4.83	8.14	36.5	1270	3.76	0.73	2.90	2.48	81.0	21.9	102	13.80	675	4.37	21.5
OREAS 682																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		0.62	7.57	36.7	2780	3.05	5.68	0.63	0.37	96.2	15.5	19	7.18	1495	4.17	25.9
OREAS 905		0.57	7.55	33.1	2740	2.94	5.69	0.61	0.34	96.5	13.7	22	7.27	1540	4.06	24.0
Target Range - Lower Bound		0.46	6.67	31.0	2280	2.69	5.14	0.52	0.30	82.8	13.2	16	6.05	1425	3.66	22.5
Upper Bound		0.58	8.17	38.4	3110	3.39	6.30	0.66	0.42	101.0	16.4	22	7.51	1640	4.50	27.7
OREAS 920		0.10	7.92	5.4	560	2.68	0.57	0.52	0.05	95.3	14.6	88	8.64	114.0	4.13	19.70
Target Range - Lower Bound		0.08	6.91	4.6	450	2.54	0.61	0.44	0.04	84.6	13.9	75	7.72	104.0	3.72	18.65
Upper Bound		0.13	8.47	6.1	640	3.22	0.77	0.56	0.12	103.5	17.3	93	9.54	120.0	4.56	22.9
OREAS-45f																
Target Range - Lower Bound																
Upper Bound																
OREAS-45h																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK		<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	0.2	<0.01	<0.05
BLANK		<0.01	<0.01	0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	1	<0.05	<0.2	<0.01	<0.05
BLANK		<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	1	<0.05	<0.2	<0.01	<0.05
BLANK		<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	0.01	<0.1	1	<0.05	<0.2	<0.01	<0.05
Target Range - Lower Bound		<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
Upper Bound		0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02	0.10
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

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VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
STANDARDS																
EMOG-17		0.14	1.7	0.887	1.65	25.3	24.2	0.96	737	1055	1.10	15.0	7470	810	7140	112.5
EMOG-17		0.13	1.9	0.933	1.65	25.1	29.2	0.94	747	1065	1.09	15.3	7610	810	7250	111.0
Target Range - Lower Bound		0.06	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820	700	6570	98.9
Upper Bound		0.30	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330	880	8030	121.0
GPP-14																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		0.14	3.2	0.172	3.12	29.7	32.9	1.32	548	14.45	1.96	20.2	686	1020	1065	174.5
MRGeo08		0.10	3.5	0.195	3.27	30.8	36.2	1.36	587	16.15	2.10	22.9	746	1080	1115	171.5
Target Range - Lower Bound		<0.05	2.8	0.155	2.79	31.1	29.5	1.17	497	13.65	1.76	19.0	622	930	971	173.5
Upper Bound		0.28	3.6	0.201	3.43	39.1	36.5	1.45	619	16.75	2.18	23.4	760	1160	1185	212
OREAS 682																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		0.18	7.0	0.668	2.98	48.1	21.8	0.28	372	3.14	2.47	18.0	9.4	280	30.2	141.0
OREAS 905		0.12	6.9	0.649	2.94	49.2	21.0	0.27	371	3.20	2.44	18.3	9.0	270	28.8	136.0
Target Range - Lower Bound		<0.05	6.1	0.571	2.58	40.9	17.8	0.24	333	2.89	2.15	16.2	8.4	240	26.9	124.0
Upper Bound		0.28	7.6	0.709	3.18	51.1	22.2	0.31	418	3.65	2.65	20.0	10.7	320	33.9	152.0
OREAS 920		0.21	4.6	0.083	2.93	47.1	29.8	1.36	611	0.45	0.65	18.3	42.4	780	21.4	177.0
Target Range - Lower Bound		<0.05	4.0	0.070	2.59	41.0	26.0	1.23	535	0.34	0.56	15.6	37.4	670	20.7	158.5
Upper Bound		0.29	5.2	0.098	3.19	51.2	32.2	1.53	665	0.58	0.71	19.2	46.2	840	26.4	193.5
OREAS-45f																
Target Range - Lower Bound																
Upper Bound																
OREAS-45h																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
BLANK		0.07	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
BLANK		0.08	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
Target Range - Lower Bound		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
Upper Bound		0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0	0.2
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

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

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method Analyte Units LOD	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
STANDARDS																
EMOG-17		0.312	3.19	786	7.8	7	2.5	197.5	0.89	1.36	10.70	0.312	2.01	3.2	73	3.8
EMOG-17		0.321	3.30	803	7.6	7	2.5	206	0.94	1.30	10.95	0.322	2.10	3.1	73	4.0
Target Range - Lower Bound		0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.294	1.89	2.8	67	3.3
Upper Bound		0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.370	2.61	3.7	84	4.7
GPP-14																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		0.007	0.30	4.41	11.3	1	3.9	294	1.49	<0.05	16.65	0.485	1.06	5.0	108	4.7
MRGeo08		0.007	0.32	5.01	11.4	1	4.2	317	1.57	<0.05	16.30	0.519	1.17	4.6	115	5.2
Target Range - Lower Bound		0.004	0.27	3.89	11.1	<1	3.5	277	1.39	<0.05	17.90	0.443	0.86	4.9	97	4.1
Upper Bound		0.013	0.35	5.39	13.7	4	4.7	339	1.81	0.12	21.9	0.553	1.21	6.2	121	5.8
OREAS 682																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		<0.002	0.07	2.06	5.3	3	4.0	159.5	1.34	0.07	14.50	0.124	0.73	4.9	10	2.8
OREAS 905		<0.002	0.07	2.04	4.7	2	3.9	155.5	1.27	0.09	14.55	0.122	0.72	5.2	10	2.8
Target Range - Lower Bound		<0.002	0.04	1.61	4.3	<1	3.4	141.0	1.16	<0.05	13.15	0.105	0.58	4.4	8	2.3
Upper Bound		0.004	0.09	2.29	5.5	4	4.6	173.0	1.52	0.17	16.05	0.139	0.83	5.6	13	3.3
OREAS 920		<0.002	0.03	1.48	12.8	<1	4.8	86.3	1.37	<0.05	20.0	0.485	0.85	3.6	98	3.3
Target Range - Lower Bound		<0.002	<0.01	1.22	12.8	<1	4.3	73.6	1.17	<0.05	17.35	0.434	0.73	3.3	86	2.5
Upper Bound		0.004	0.05	1.76	15.8	2	5.7	90.4	1.55	0.12	21.2	0.542	1.03	4.2	108	3.7
OREAS-45f																
Target Range - Lower Bound																
Upper Bound																
OREAS-45h																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK		<0.002	<0.01	<0.05	<0.1	1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
BLANK		<0.002	<0.01	<0.05	<0.1	1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
BLANK		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
BLANK		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Target Range - Lower Bound		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Upper Bound		0.004	0.02	0.10	0.2	2	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2	0.2
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

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VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method Analyte Units LOD	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	PGM-MS23L Au ppb 1	PGM-MS23L Pt ppb 0.1	PGM-MS23L Pd ppb 0.2
STANDARDS							
EMOG-17		16.9	7510	61.4			
EMOG-17		16.4	7410	65.4			
Target Range - Lower Bound		14.3	6800	55.6			
Upper Bound		17.7	8320	76.4			
GPP-14					915	488	476
Target Range - Lower Bound					853	473	452
Upper Bound					965	533	510
MRGeo08		24.4	786	104.5			
MRGeo08		25.5	834	112.5			
Target Range - Lower Bound		23.8	722	92.2			
Upper Bound		29.3	886	126.0			
OREAS 682					71	834	427
Target Range - Lower Bound					70	816	417
Upper Bound					81	920	471
OREAS 905		16.3	144	258			
OREAS 905		16.2	136	253			
Target Range - Lower Bound		14.0	122	214			
Upper Bound		17.4	154	290			
OREAS 920		34.0	118	160.5			
Target Range - Lower Bound		29.8	102	128.0			
Upper Bound		36.6	130	174.0			
OREAS-45f					16	34.7	53.1
Target Range - Lower Bound					17	35.6	53.4
Upper Bound					21	40.4	60.6
OREAS-45h					42	87.7	136.5
Target Range - Lower Bound					38	82.2	120.0
Upper Bound					45	92.9	136.0
BLANKS							
BLANK		<0.1	<2	<0.5			
BLANK		<0.1	<2	<0.5			
BLANK		<0.1	<2	<0.5			
BLANK		<0.1	<2	<0.5			
Target Range - Lower Bound		<0.1	<2	<0.5			
Upper Bound		0.2	4	1.0			
BLANK					1	<0.1	0.3
BLANK					2	0.1	0.6
Target Range - Lower Bound					<1	<0.1	<0.2
Upper Bound					2	0.2	0.4

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QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
		DUPLICATES														
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
152315		0.03	6.86	1.1	50	0.27	0.01	5.83	0.12	7.19	91.5	1480	0.18	89.1	6.56	13.40
DUP		0.03	7.03	1.0	50	0.27	0.01	5.96	0.12	7.04	93.2	1600	0.19	91.1	6.74	13.55
Target Range - Lower Bound		0.02	6.59	0.8	40	0.21	<0.01	5.59	0.09	6.75	87.6	1460	0.13	86.7	6.31	12.75
Upper Bound		0.04	7.30	1.3	60	0.33	0.02	6.20	0.15	7.48	97.1	1620	0.24	93.5	6.99	14.20
152318																
DUP																
Target Range - Lower Bound																
Upper Bound																
152351		0.02	4.34	16.6	30	0.39	0.01	4.73	0.11	5.58	97.9	2120	3.23	57.4	13.20	9.55
DUP		0.02	4.58	15.9	30	0.36	0.01	5.01	0.12	5.60	102.0	2250	3.22	59.3	13.90	9.81
Target Range - Lower Bound		<0.01	4.23	15.2	20	0.31	<0.01	4.62	0.09	5.30	94.9	2070	3.01	56.1	12.85	9.15
Upper Bound		0.03	4.69	17.3	40	0.44	0.02	5.12	0.14	5.88	105.0	2300	3.44	60.6	14.25	10.20
152354																
DUP																
Target Range - Lower Bound																
Upper Bound																
152374																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		1.07	7.18	353	910	0.77	1.36	4.60	0.19	9.71	19.4	54	11.95	84.6	5.03	13.70
DUP		1.09	7.42	354	940	0.77	1.41	4.71	0.16	9.59	20.2	54	12.15	86.7	5.19	13.95
Target Range - Lower Bound		1.02	6.93	336	850	0.68	1.31	4.41	0.15	9.16	18.7	50	11.40	82.5	4.84	13.10
Upper Bound		1.14	7.68	371	1000	0.86	1.46	4.90	0.20	10.15	20.9	58	12.70	88.8	5.38	14.55

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VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method Analyte Units LOD	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
		DUPLICATES														
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
152315		0.05	1.4	0.054	0.03	2.7	15.4	2.89	1800	0.31	3.23	1.6	744	250	0.5	0.5
DUP		0.05	1.4	0.057	0.03	2.6	14.7	2.99	1800	0.34	3.31	1.6	769	250	0.6	0.5
Target Range - Lower Bound		<0.05	1.2	0.048	0.02	2.0	14.1	2.78	1705	0.26	3.10	1.4	718	230	<0.5	0.4
Upper Bound		0.10	1.6	0.063	0.04	3.3	16.0	3.10	1895	0.39	3.44	1.8	795	270	1.0	0.6
152318																
DUP																
Target Range - Lower Bound																
Upper Bound																
152351		0.08	0.9	0.038	0.12	2.4	12.1	7.68	5940	0.18	0.09	1.2	739	210	0.6	7.7
DUP		0.08	1.0	0.039	0.13	2.4	13.3	8.12	6230	0.21	0.10	1.2	780	220	0.6	7.6
Target Range - Lower Bound		<0.05	0.8	0.032	0.11	1.8	11.9	7.50	5780	0.14	0.08	1.0	721	190	<0.5	7.2
Upper Bound		0.10	1.1	0.045	0.14	3.0	13.5	8.31	6390	0.25	0.11	1.4	798	240	1.0	8.1
152354																
DUP																
Target Range - Lower Bound																
Upper Bound																
152374																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		0.09	1.0	0.099	3.01	5.1	46.1	2.25	1070	0.81	0.03	4.4	18.1	1520	16.3	128.5
DUP		0.07	0.7	0.101	3.15	4.9	46.1	2.32	1100	0.88	0.03	4.5	17.8	1580	16.3	122.0
Target Range - Lower Bound		<0.05	0.7	0.090	2.92	4.3	43.6	2.16	1025	0.75	0.02	4.1	16.9	1460	15.0	119.0
Upper Bound		0.10	1.0	0.110	3.24	5.8	48.6	2.41	1145	0.94	0.04	4.8	19.0	1640	17.6	131.5

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QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description / Method / Analyte / Units / LOD	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
152315	0.002	0.28	0.22	40.1	1	0.4	94.3	0.11	<0.05	0.22	0.430	0.11	0.1	242	0.1
DUP	0.002	0.30	0.22	39.7	1	0.4	96.6	0.11	<0.05	0.23	0.433	0.12	0.1	247	0.1
Target Range - Lower Bound	<0.002	0.27	0.15	37.8	<1	<0.2	90.5	<0.05	<0.05	0.20	0.405	0.09	<0.1	231	<0.1
Upper Bound	0.004	0.31	0.29	42.0	2	0.6	100.5	0.17	0.10	0.25	0.458	0.14	0.2	258	0.2
152318															
DUP															
Target Range - Lower Bound															
Upper Bound															
152351	<0.002	0.01	0.17	26.4	<1	0.3	67.2	0.08	<0.05	0.23	0.276	0.13	0.1	158	0.2
DUP	<0.002	0.01	0.17	26.7	<1	0.3	68.4	0.08	<0.05	0.24	0.294	0.12	0.1	166	0.2
Target Range - Lower Bound	<0.002	<0.01	0.11	25.1	<1	<0.2	64.2	<0.05	<0.05	0.21	0.266	0.10	<0.1	153	<0.1
Upper Bound	0.004	0.02	0.23	28.0	2	0.4	71.4	0.10	0.10	0.26	0.304	0.15	0.2	171	0.3
152354															
DUP															
Target Range - Lower Bound															
Upper Bound															
152374															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	0.002	2.58	10.80	28.0	5	1.2	136.0	0.24	0.52	1.24	0.278	3.35	0.6	201	1.6
DUP	<0.002	2.66	11.10	28.2	5	1.3	138.5	0.26	0.49	1.13	0.293	3.37	0.5	207	1.7
Target Range - Lower Bound	<0.002	2.48	10.10	26.6	4	1.0	130.0	0.19	0.43	1.12	0.266	3.09	0.4	193	1.4
Upper Bound	0.004	2.76	11.80	29.6	6	1.5	144.5	0.31	0.58	1.25	0.305	3.63	0.7	215	1.9

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QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method Analyte Units LOD	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	PGM-MS23L Au ppb 1	PGM-MS23L Pt ppb 0.1	PGM-MS23L Pd ppb 0.2
					DUPLICATES		
ORIGINAL					5	0.2	0.7
DUP					2	0.1	0.5
Target Range - Lower Bound					2	<0.1	0.4
Upper Bound					5	0.2	0.8
ORIGINAL					4	0.1	0.2
DUP					4	0.1	0.2
Target Range - Lower Bound					3	<0.1	<0.2
Upper Bound					5	0.2	0.4
152315		17.1	96	43.7			
DUP		17.4	98	44.6			
Target Range - Lower Bound		16.3	90	40.3			
Upper Bound		18.2	104	48.0			
152318					3	0.1	<0.2
DUP					3	0.1	0.3
Target Range - Lower Bound					2	<0.1	<0.2
Upper Bound					4	0.2	0.4
152351		15.5	114	34.4			
DUP		15.5	120	34.9			
Target Range - Lower Bound		14.6	109	31.6			
Upper Bound		16.4	125	37.7			
152354					1	12.5	11.9
DUP					<1	12.0	11.7
Target Range - Lower Bound					<1	11.5	11.0
Upper Bound					2	13.0	12.6
152374					1	4.1	4.1
DUP					1	4.4	3.9
Target Range - Lower Bound					<1	3.9	3.6
Upper Bound					2	4.6	4.4
ORIGINAL		8.5	31	25.0			
DUP		8.3	32	19.9			
Target Range - Lower Bound		7.9	28	20.3			
Upper Bound		8.9	35	24.6			

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
DUPLICATES																
ORIGINAL		0.08	3.30	13.6	50	0.58	1.11	7.79	0.11	51.1	10.7	93	1.25	2.2	2.20	6.04
DUP		0.08	3.32	14.4	50	0.69	1.07	7.74	0.11	51.8	11.0	93	1.28	2.2	2.22	6.02
Target Range - Lower Bound		0.07	3.13	13.1	40	0.55	1.03	7.37	0.08	48.9	10.2	87	1.15	1.9	2.09	5.68
Upper Bound		0.09	3.49	14.9	60	0.72	1.15	8.16	0.14	54.0	11.5	99	1.38	2.5	2.33	6.38
PREP DUPLICATES																
152354		0.02	6.68	44.2	130	0.25	0.01	4.67	0.07	5.98	77.2	1250	1.48	80.6	8.35	13.55
152354 PREP DUP		0.03	6.94	43.5	130	0.25	0.02	4.73	0.06	6.74	81.1	1240	1.77	83.8	8.44	14.70

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

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To: ALX RESOURCES CORP.
SUITE 408 - 1199 WEST PENDER STREET
VANCOUVER BC V6E 2R1

Finalized Date: 14-OCT-2021
Account: ARCCVUJT

QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
DUPLICATES																
ORIGINAL		0.09	1.1	0.046	1.14	29.2	14.5	3.98	2050	2.40	0.02	4.0	15.1	470	24.1	47.9
DUP		0.10	1.1	0.046	1.15	28.7	15.5	4.01	2040	2.47	0.02	4.4	15.3	490	21.0	47.9
Target Range - Lower Bound		<0.05	0.9	0.039	1.08	27.0	14.1	3.79	1940	2.26	<0.01	3.9	14.2	450	20.9	45.4
Upper Bound		0.10	1.3	0.053	1.21	30.9	16.0	4.20	2150	2.61	0.03	4.5	16.2	510	24.2	50.4
PREP DUPLICATES																
152354		0.08	1.0	0.060	0.86	2.2	66.2	4.35	1880	0.34	0.38	1.5	417	220	<0.5	37.7
152354 PREP DUP		<0.05	1.4	0.070	0.87	2.5	73.4	4.41	1890	0.24	0.40	1.6	418	220	0.5	38.0

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	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1	0.1
DUPLICATES																
ORIGINAL		0.003	0.25	1.51	5.4	1	0.8	31.8	0.30	<0.05	5.71	0.113	0.17	1.7	48	0.8
DUP		<0.002	0.25	1.54	5.5	1	0.8	32.4	0.30	<0.05	5.91	0.119	0.17	1.7	49	0.9
Target Range - Lower Bound		<0.002	0.23	1.36	5.1	<1	0.6	30.3	0.24	<0.05	5.51	0.105	0.14	1.5	45	0.7
Upper Bound		0.004	0.27	1.69	5.8	2	1.0	33.9	0.37	0.10	6.11	0.127	0.20	1.9	52	1.0
PREP DUPLICATES																
152354		<0.002	0.03	0.05	37.6	<1	0.5	70.5	0.10	0.06	0.20	0.428	0.61	0.1	239	0.3
152354 PREP DUP		<0.002	0.03	0.07	41.4	1	0.5	71.5	0.10	0.06	0.25	0.423	0.66	0.1	241	0.4

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QC CERTIFICATE OF ANALYSIS TB21244101

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	PGM-MS23L Au ppb 1	PGM-MS23L Pt ppb 0.1	PGM-MS23L Pd ppb 0.2
DUPLICATES							
ORIGINAL		12.6	47	38.1			
DUP		13.0	47	40.6			
Target Range - Lower Bound		12.1	43	35.9			
Upper Bound		13.5	51	42.8			
PREP DUPLICATES							
152354		9.8	129	46.6	1	12.5	11.9
152354 PREP DUP		9.7	129	46.1	1	12.3	12.2

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QC CERTIFICATE OF ANALYSIS TB21244101

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

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

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME-MS61	PGM-MS23L