

We are committed to providing [accessible customer service](#).

If you need accessible formats or communications supports, please [contact us](#).

Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).

Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).

Report of Prospecting Work Completed on the  
Fairchild Project, May 5 to May 17

Prepared for: Ethos Gold Corp./Robert  
Carpenter

NTS # 052J06 & 052J07  
Runway, Armit, Houghton and Watin Lake  
Areas.

<b>TABLE OF CONTENTS</b>	<b>PAGE</b>
Summary	1
Introduction	1
History	1
Regional Geology	2
Local Geology	3
2021 Prospecting Program	12
Discussion & Recommendations	19
References	19
Qualifications	21
<b>LIST OF TABLES</b>	
Table 1: Historic Work	2
<b>LIST OF FIGURE</b>	
Figure 1. Regional Geology and Location of the Fairchild Project	4
Figure 2. Fairchild Project Tenure and Local Geology	8
Figure 3. Fairchild Project Prospecting, Sample and Observation Locations	13
Figure 4. Fairchild Project Copper Results	14
Figure 5. Fairchild Project Lead Results	15
Figure 6. Fairchild Project Zinc Results	16
Figure 7. Fairchild Project Silver Results	17
Figure 8. Fairchild Project Gold Results	18
<b>APPENDICES</b>	
Appendix A: Assay Certificates	AT END
Appendix B: Grab Sample Descriptions and Locations	AT END
Appendix C: Observations	AT END
Appendix D: ALS Chemex Procedures	AT END
Appendix E: Photos Referenced in Text	AT END
Appendix F: Tenure Information	AT END
Appendix G: Costs Breakdown	AT END

## **SUMMARY**

Thirteen field days were spent investigating Ethos Gold Corp's Fairchild Project between May 5 and May 17, 2021. This work was completed by Ethos Gold Corp. (Ethos) as part of an option agreement with Robert Carpenter, the holder of the claims.

The work consisted of prospecting and rock grab sampling of prospective lithologies based largely on their sulphide content, alteration signatures, quartz +/- carbonate veining and structural position. The primary target was precious metal (gold & silver) mineralization with a secondary target of base metal (copper, zinc and lead) mineralization.

Although only sporadic sulphide mineralization was encountered, the lithotectonic features on the tenure is conducive to shear-vein hosted gold and possibly VMS-style mineralization. A significant portion of the tenure is underlain by water, an esker delta deposit, sand-boulder piles and other glacial/organic deposits meaning that any economic mineralization on the tenure could very well be buried.

A second "grass-roots" type program is recommended on the tenure following the same structurally-hosted gold model. This should include additional prospecting in two areas of the tenure as described below as well as a more detailed desktop investigation of the gold showings flanking the east side of the tenure.

All coordinates quoted below are in UTM NAD83 Zone 15N.

## **INTRODUCTION**

The tenure and cell claim information on which the present geochemical survey was completed is included in Appendix E and presented below in Figure 1, 2 and 3. The tenure block, here defined as the Fairchild Project, is in Watin Lake Area, Houghton Lake Area, Armit Lake Area and Runway Lake Area. The project is centered at 641000E/5582000N which is situated approximately 30 km NW of Savant Lake, Ontario, 250 km NNW of Thunder Bay, Ontario and approximately 10 km west of Ojibway Nation of Saugeen reserve lands. The project is located on NTS map sheets 052J06 (Farrington Lake) and 052J07 (Kashaweogama Lake).

Access to the tenure for the purposes of the 2021 program was from Savant Lake: 1) 10 km north on Highway 599 to Highway 516; 2) west 35 km on Highway 516; 3) northeast on Tripoli road to a boat launch site at 637520E/5580853N. From here, a boat was used on Fairchild Lake to access the tenure.

## **HISTORY**

Very little documented historic work has been completed on the Fuchsite Project tenure. The few work programs that have been completed on the project area are detailed below in Table 1 and referenced where relevant throughout this report. Historical work conducted in the general area can be found in the assessment reports in the References labelled 'off tenure, proximal' as well as in Trusler (1982).

<b>Assessment Reports</b>			
<b>Assessment Report Number</b>	<b>Year</b>	<b>Work Completed</b>	<b>Relevant Details</b>
52J06SE0007	1970	Electromagnetic and Magnetic Survey	Completed by Noranda Exploration Co. Ltd. Survey on far western part of tenure.
52J07NW0029	1970	Diamond Drilling	One drillhole completed by Canex Aerial Expl. On far eastern part of tenure.
52J06SE0006	1971	Electromagnetic and Magnetic Survey	Completed by Noranda Exploration Co. Ltd. Survey on west-central part of tenure.
52J07SW0039	1977	Airborne Magnetic Survey	Completed by UMEX Corporation Limited. Survey includes western half of tenure. Maps of poor quality.
20007550 or 52J07NW0026 or 52J07SW0017	1978	Airborne Magnetic and VLF Electromagnetic Survey	Completed by UMEX Corporation Limited. Survey covers central and eastern part of tenure
52J07NW0024	1980	Diamond Drilling	One drillhole completed by UMEX Corporation Limited. On far eastern part of tenure.
52J06SE0003	1980	Diamond Drilling	One drillhole completed by UMEX Corporation Limited. On west-central part of tenure.
52J09SW8880	1981	Geophysics, geochemistry, mapping.	Completed by Stargazed Resources Ltd. Geological, geophysical and geochemical work related to Fairchild Grid 1 (on tenure) and regional work (partially on tenure). See pages 90, 106, 141-142, 164, 1186, 1209-1213, 1215-1218, 1236-1239, 1256-1257, 1286-1291, 1335-1356.
52J09SW2355	1982	Geophysics, geochemistry, line cutting, mapping, pitting/trenching and drilling	Completed by Stargazed Resources Ltd. No additional work appears to have been completed on the Fairchild Project tenure. See page 640 & 642 as well as 1981 report.
<b>Government Reports</b>			
<b>Report Number</b>	<b>Year</b>	<b>Work Completed</b>	
Report in MP59	1973	Geological mapping	
Map P. 933	1974	Geological mapping	
Map 2424	1979	Geological mapping	
OFR 5354 & Map P. 996	1982	Geological mapping	
Open File 3947	2004	Geological compilation	
<b>Table 1: Historical work on the Faichild Project tenure.</b>			

## **REGIONAL GEOLOGY (Figure 1)**

The following description of the regional geology on and surrounding the Fairchild Project has been reproduced below from Trusler (1982). The geology specific to the tenure follows this section and was written based largely on observations during the 2021 exploration program.

*“All rocks underlying the map-area are of Early Precambrian (Archean) age. In the map-area, there are two volcanic sequence.*

*Mafic metavolcanics are apparently the oldest rocks in the map-area and are found in a north facing east-trending sequence between Farrington and Lewis Lakes. Screens and xenoliths of mafic rock within granitic plutonic rocks to the north of the Marchington River are believed to correlate with the lower mafic metavolcanics. The maximum apparent thickness measured near the eastern terminus against a metagabbro is approximately 1600 m. The presence of pillows and intercalated metagreywacke indicates that these rocks were primarily deposited in a subaqueous environment.*

*Early granitic batholiths, in the north, to the north of the Marchington River, and in the south, at Lewis Lake, are of trondhjemitic to granodioritic and quartz monzonitic composition.*

*Conglomeratic metasediments are separated from the granitic plutonic rocks to the north of the Marchington River by the Kashaweogama Lake Fault through most of the area. However, some of the metaconglomerate is situated north of the fault on the north shore, and, although highly deformed, appears to unconformably overlie the granitic plutonic rocks.*

*Finer grained clastic metasediments are intercalated with and overlie the metaconglomerate along the Marchington River. The clastic metasediments face south and grade from siltstone interlayered with chert to siltstone interlayered with tuff and minor magnetite ironstone and feldspathic lithwacke at the top of the sequence.*

*A mixed sequence of felsic to mafic metavolcanics is intercalated with and overlies the clastic metasediments also along the Marchington River. Here the metavolcanics face south. Further to the south, as determined at Farrington Lake, all tops indicate a north facing for the mixed sequence.*

*A younger felsic plutonic batholith south of Schist Lake comprises granite, quartz monzonite and granodiorite, and a smaller stock, at Water Lake, comprised of hornblende quartz-monzonite to hornblende-biotite granodiorite intrudes the earlier Lewis Lake Batholith.*

*A large metagabbroic body east of Lewis Lake appears to intrude the lower mafic metavolcanics and felsic metavolcanics of the later composite metavolcanic sequence. Quartz monzonite cuts the metagabbro. The relative age of the metagabbro is unknown, but its age relative to the lower mafic metavolcanic unit suggests a co-magmatic relationship.*

*The entire supracrustal sequence appears to be folded about a major east-trending synclinal axis which cannot be accurately located. The only indication of this is several opposing facing determinations in the mixed metavolcanics.*

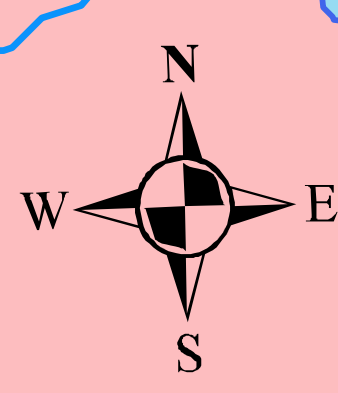
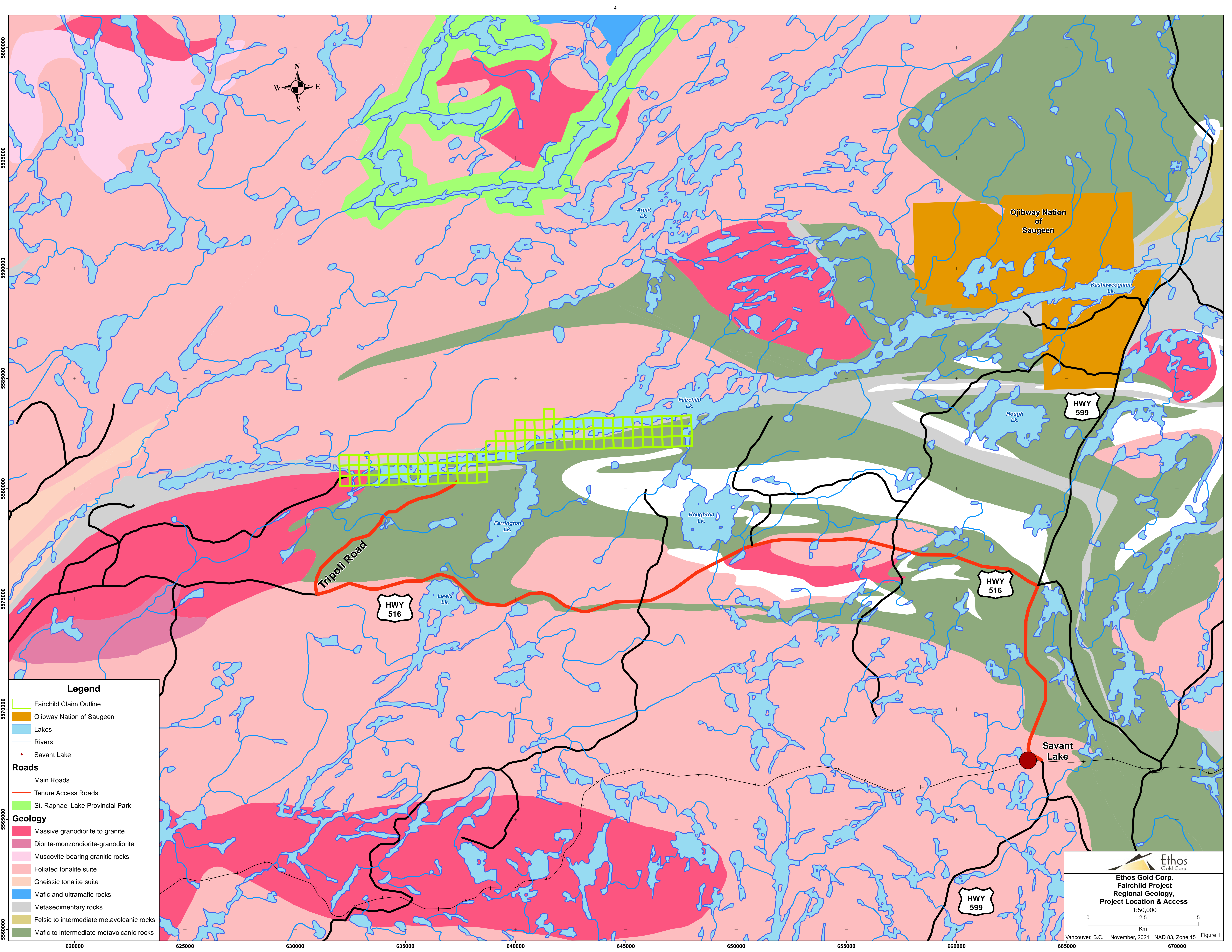
*The zone of middle to upper greenschist facies metamorphism narrows from a maximum width of 3600 m on the east side of the map-area to 750 m on the west side. This zone lies immediately adjacent to and to the south of the Kashaweogama Lake Fault. The remaining supracrustal rocks in the area exhibit almandine-amphibolite facies metamorphism.”*

## **LOCAL GEOLOGY (Figure 2)**

### Lithologies

#### *Mafic Metavolcanic Rocks*

The mafic volcanic rocks on the Farrington map sheet (Trusler, 1982; hereafter referred to as the Trusler map) fall into two stratigraphic units, lower and upper. The lower mafic volcanics occur south of Farrington Lake approximately 3km from the southern boundary of the claims. The upper younger mafic volcanics occur to the north and make up approximately 25% of the claim block.



**Legend**

- Fairchild Claim Outline
- Ojibway Nation of Saugeen
- Lakes
- Rivers
- Savant Lake

**Roads**

- Main Roads
- Tenure Access Roads
- St. Raphael Lake Provincial Park

**Geology**

- Massive granodiorite to granite
- Diorite-monzodiorite-granodiorite
- Muscovite-bearing granitic rocks
- Foliated tonalite suite
- Gneissic tonalite suite
- Mafic and ultramafic rocks
- Metasedimentary rocks
- Felsic to intermediate metavolcanic rocks
- Mafic to intermediate metavolcanic rocks

Ojibway Nation of Saugeen

Tripoli Road


HWY 516

HWY 516

HWY 599

Savant Lake

HWY 599

  
**Ethos Gold Corp.**  
 Fairchild Project  
 Regional Geology,  
 Project Location & Access  
 1:50,000  
 0 2.5 5  
 Km  
 Vancouver, B.C. November, 2021 NAD 83, Zone 15 Figure 1

In the areas investigated the mafic volcanics strike between 250-270° dipping steeply to either the north or south. Units are for the most part continuous along strike over the tenure although some pinching-swelling does occur.

Flows are for the most part massive, fine grained, chloritic and moderately to strongly foliated (Photo 5). Interbedded intermediate (dacitic) rocks were also noted in a few locations (Photo 2, Photo 45). Vesicular flows are quite common (Photo 5).

Pillowed flows are not common on the map sheet but vestiges of them were found in a few locations (e.g. Photo 2). Tops have not been observed, but Trusler's map suggests tops to the south in one location. This area was investigated but no convincing pillows were found; however, the outcrop was along the lakeshore and very steep.

Examples of coarser grained mafic volcanic flow or hypabyssal rocks were found in a few locations (Photo 6, Photo 16, Photo 17). All examples were found close to or at the tonalite contact so it is difficult to tell how much of their coarser texture is original and how much is related to contact metamorphism.

A few examples of volcanoclastic mafic lithic tuffs were observed (Photo 28, Photo 49, Photo 55), however they do not constitute a large volume of the mafic unit. They typically contain cm-scale clasts of more felsic (dacitic to rhyolitic) material.

Some flow units contain appreciable (1-2%) fine grained disseminated magnetite. An example of this occurs proximal to an old trench on Trusler's map (unable to locate in field) and corresponds well with an 070-trending magnetic anomaly marked on his map.

#### *Intermediate Metavolcanic Rocks*

Approximately 25% of the tenure is covered by intermediate volcanics. Most of these appear to be dacitic although examples of more rhyolitic (Photo 1) and more andesitic composition can be found. The dacites are medium grey coloured on fresh surfaces, fine to medium grained, reasonably well bedded (Photo 2, Photo 36) and commonly contain abundant 2-4mm blue quartz eyes +/- feldspar crystals (Photo 15, Photo 23, Photo 36). Even in strongly sheared areas the quartz eyes are still visible as slightly elongate crystals (Photo 15). Lesser volcanoclastic intermediate lithic (+/- crystal) tuffs were also encountered (Photo 2, Photo 29, Photo 49). The intermediate units can occasionally be found interlayered with the mafic volcanics (Photo 45, Photo 49).

The more rhyolitic looking intermediate to felsic volcanics as mapped by Trusler (Unit 2a) are fine grained, light tan to pink in colour, highly silicious and often contain small amounts of disseminated pyrite (Photo 1). They are not as prevalent as the dacitic flows and tuffs and were only found in the southeast part of the claims. One example of rhyolitic fragments in a mafic to intermediate volcanoclastic was observed (Picture 28).

One example of an east-west trending quartz-feldspar porphyry dike cutting amphibolitized mafic volcanics was also encountered (Photo 17).

Some of the intermediates appear to have been reworked (Photo 36) and can resemble the metasedimentary rocks on the tenure.



### *Psammitic to Pelitic Metasedimentary Rocks*

These metasediments occur as a thin unit between the conglomerates and mafic volcanics in the north and a thicker unit between the mafic and intermediate volcanics in the south.

The majority of these two units consist of dm-scale bedded psammities/arenites (Photo 3) typically with a well-developed cleavage (Photo 40). They can also be found interlayered with the conglomerates (Photo 8). A few examples of finer grained silty (Photo 26) to cherty (Photo 42) material can also be found but in far less abundance than the psammitic units.

Psammitic units can carry a significant amount (2-5%) of medium grained disseminated magnetite (Photo 39). The term ferruginous metasedimentary rocks is preferred over "lean" iron formation.

### *Conglomerates*

The single conglomerate unit on the tenure occurs north of the psammities in contact with the tonalite and is traceable in variable thicknesses over the entire tenure. The conglomerates are matrix supported and polymictic, however the vast majority of clasts are tonalitic (Photo 4, Photo 7-10, Photo 35, Photo 41, Photo 54). Mafic (Photo 4) and felsic volcanic clasts as well as quartz vein clasts are also present in lesser amounts. Quartz vein clasts can occur in significant abundance; however, this can be deceiving as in many cases they are actually boudinaged quartz veins. The tonalitic clasts range in size from pebble to boulder and in deformation from weakly to moderately flattened. In contrast, volcanic clasts are quite strongly flattened often seen to wrap around the tonalite clasts. No examples of jasperoidal clasts or fuchsitic mafic/ultramafic clasts were noted.

### *Intrusive Rocks*

Little time was spent investigating the intrusive rocks. Overall, the Fairchild Lake Batholith is tonalitic in the area investigated (Photo 52) with sharp contacts with the conglomerates. Minor pegmatitic phases were found in this unit. The intrusion of this batholith appears to have caused at least some contact metamorphism (amphibolitization) within the nearby mafic volcanics. The intrusive unit in the southwest (Schist Lake Stock) is granodioritic with a somewhat more gradational contact (Photo 53) with low angle quartz veining along/toward the contact (Photo 11). Both units show little in the way of deformation, however, Trusler (1982) describes foliated and locally gneissic fabric within the Fairchild Lake Batholith.

### Metamorphism

The bulk of the tenure is underlain by greenschist facies rocks characterized by chlorite +/- calcite. A couple of areas of amphibolite facies rock were noted, one in mafic volcanics tectonically juxtaposed against the granite (Photo 6) and another on a small island (640435/5581826) in contact with silty metasediments. In both cases the amphibolitization is attributed to the contact aureole of the Fairchild Lake Batholith rather than regional metamorphism as the greenschist-amphibolite isograd is approximately 1.5km to the south. It is difficult to determine whether these coarser grained mafics are a result of original igneous textures (coarse flows or hypabyssals) or related entirely to contact metamorphism, or a combination of the two.

Amphibolite-facies mafic volcanics were briefly investigated along the isograd south of a large quartz vein on the southwestern shore of Fairchild Lake (Photo 16-17). Here, the mafics are stiff, hard,

homogenous and contain occasional lenses/pods of epidote (Photo 44). Being harder than the greenschist facies rocks to the north, they form higher humps/ridges. The transition back into greenschist facies is quite sharp and is marked by numerous east-west trending 30cm-1m wide quartz +/- tourmaline veins (Photo 46-47). This may be coincidental or it may relate to fluids being driven off at the amphibolite to greenschist transition. No significant sulphides occur in these veins.

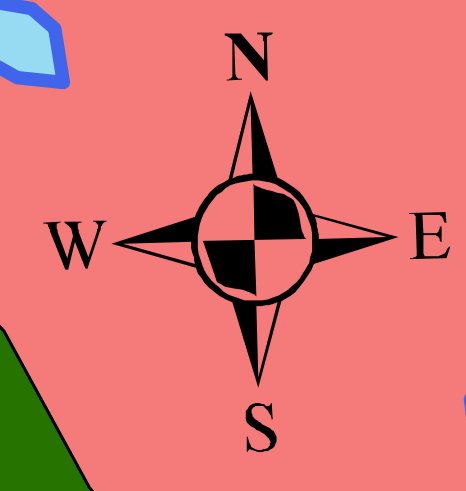
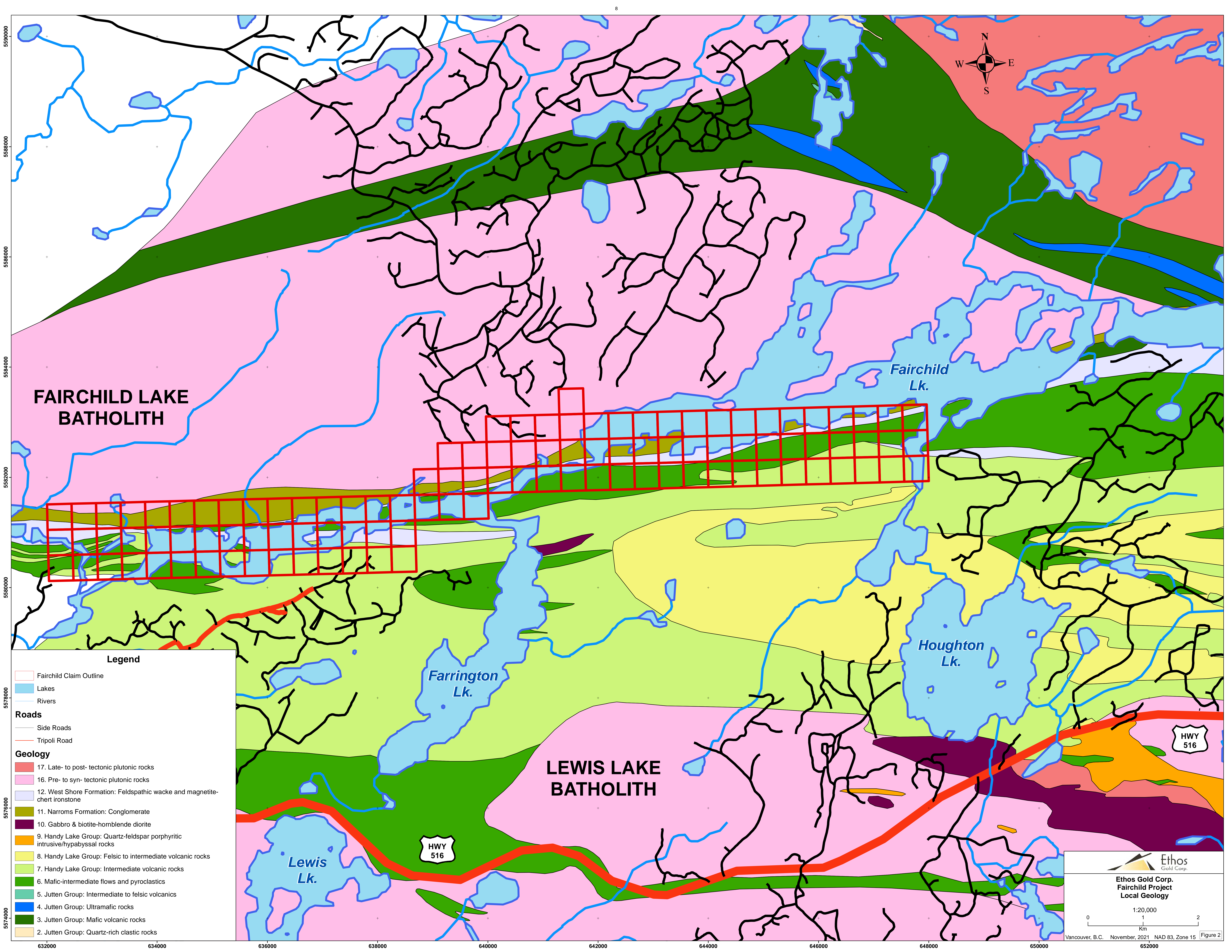
### Structural Geology

A synformal structure closing to the west is marked on Trusler's map in the northeast part of the tenure in the arenites and a small anticline is shown in the mafic volcanics in the southwest. Aside from changes in dip of the cleavage/schistose fabric it is not clear what evidence was used to infer the existence of either of these structures. In the case of the synform the arenite unit thickens considerably in the area of the proposed fold suggesting that it may exist. Additional work would need to be completed to confirm this. A synclinal fold based on pillow tops and tuff graded bedding is noted in the mafic volcanics on Trusler's map south of the claims. Its trend would cross onto the claims in the southwest part of the tenure. If this structure does continue onto the tenure it would largely be under the lake.

The predominate fabric (likely  $S_2$ ) on the tenure ranges from approximately 240-270° with steep dips to either the north or south. The fabric is largely defined by chlorite and, when present, sericite and amphibole primarily within the volcanic and volcanoclastic rocks (Photo 5). Tonalitic clasts in the conglomerate are either weakly (Photo 10, Photo 41) or moderately (Photo 10) oriented in this direction while mafic-intermediate clasts are typically strongly flattened in this direction. The majority (but not all) of the quartz +/- carbonate veins are also oriented along this fabric (Photo 9, Photo 27, Photo 31). The arenites for the most part have developed a moderate to strong cleavage as a result of compression/transpression (Photo 40). Granitic rocks (tonalite and granodiorite) in the area investigated exhibit only a weak fabric.

A weak non-penetrative  $S_3$  fabric was also noted in a few areas on the tenure, particularly on the east side. It is oriented counterclockwise to the primary fabric at 230-240 dipping north (Photo 48). The intersection of the two appears to be responsible for a shallow to moderately west plunging lineation (50-70) observed at a few locations in the east. Additional work would need to be done to confirm this.

It is reasonable to think of the main shear structure as a corridor of anastomosing discrete shears (Photo 23) with the most sheared portions under the lake and some of the numerous islands forming lithotectons within the broader Kashaweogama fault-shear system. This is in part supported by typically stronger shearing/fabric development in the mafic volcanics along the lakeshore which decreases away from the shore. Lithological contacts are routinely sheared, particularly within the volcanics and conglomerate (Photo 7, Photo 10, Photo 32, Photo 33, Photo 35, Photo 50). Other "random" (away from contacts and primarily on islands and near the lakeshore) shear zones were also noted primarily within the volcanics (Photo 4, Photo 12, Photo 14, Photo 19, Photo 20, Photo 24, Photo 50, Photo 51) supporting the idea that shears anastomose across lithological boundaries. Rather than strong shear fabrics, the psammitic metasediments tend to pick up a cleavage (Photo 40) and less commonly a schistosity (Photo 38). Amphibolitized units within the shear corridor do not carry a very strong fabric (Photo 4, Photo 17) in part because of their grain size and in part because they are more removed from the shear corridor. Overall, the shear zones are discrete rather than gradational.



**FAIRCHILD LAKE BATHOLITH**

**LEWIS LAKE BATHOLITH**

Fairchild Lk.

Farrington Lk.

Houghton Lk.

Lewis Lk.

HWY 516

HWY 516

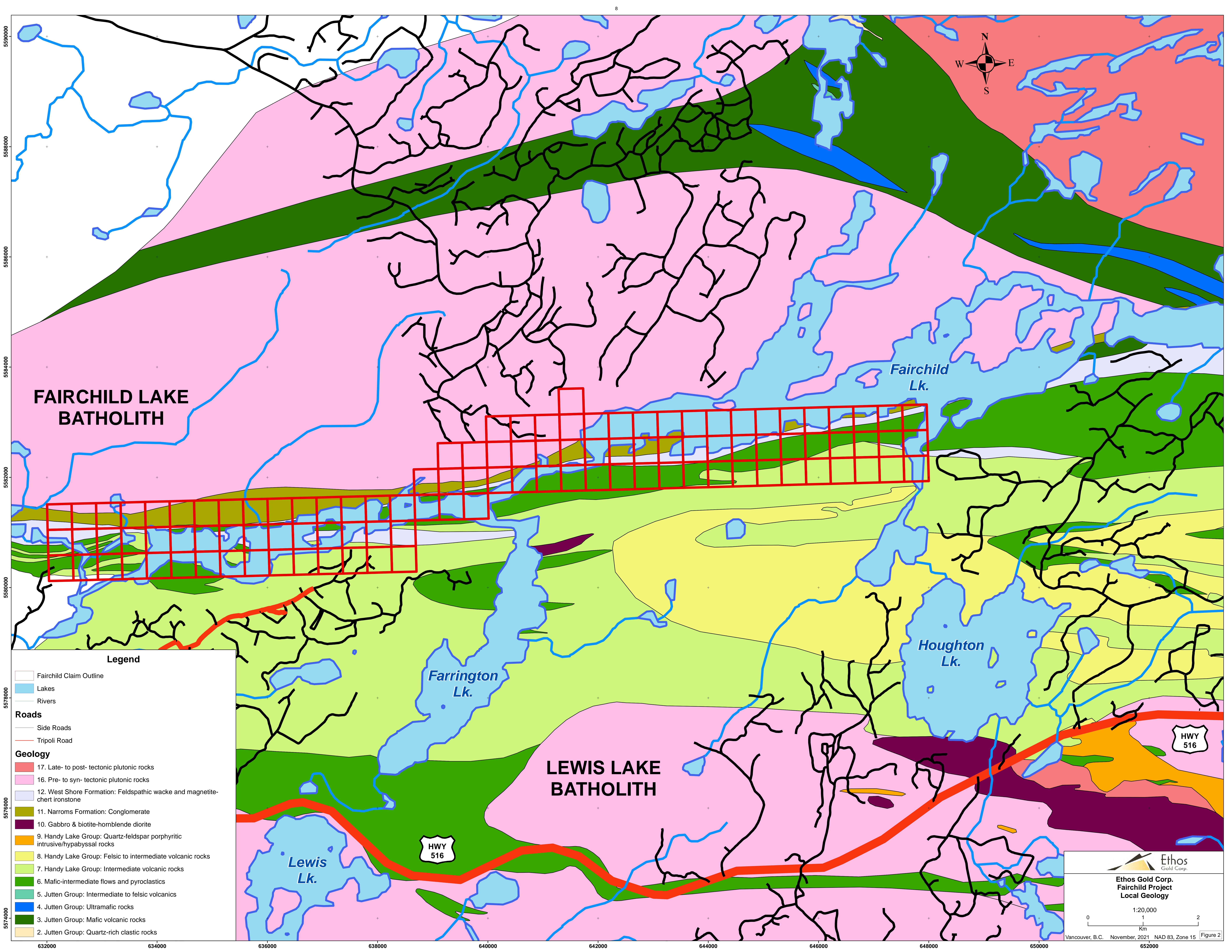
**Legend**

- Fairchild Claim Outline
- Lakes
- Rivers
- Roads**
- Side Roads
- Tripoli Road
- Geology**
- 17. Late- to post- tectonic plutonic rocks
- 16. Pre- to syn- tectonic plutonic rocks
- 12. West Shore Formation: Feldspathic wacke and magnetite-chert ironstone
- 11. Narroms Formation: Conglomerate
- 10. Gabbro & biotite-hornblende diorite
- 9. Handy Lake Group: Quartz-feldspar porphyritic intrusive/hypabyssal rocks
- 8. Handy Lake Group: Felsic to intermediate volcanic rocks
- 7. Handy Lake Group: Intermediate volcanic rocks
- 6. Mafic-intermediate flows and pyroclastics
- 5. Jutten Group: Intermediate to felsic volcanics
- 4. Jutten Group: Ultramafic rocks
- 3. Jutten Group: Mafic volcanic rocks
- 2. Jutten Group: Quartz-rich clastic rocks

**Ethos Gold Corp.**  
**Ethos Gold Corp.**  
**Fairchild Project**  
**Local Geology**

1:20,000  
 0 1 2  
 Km

Vancouver, B.C. November, 2021 NAD 83, Zone 15 **Figure 2**



Z-folds within shear zones are common (Photo 7, Photo 9, Photo 10, Photo 14, Photo 24, Photo 27) and have been interpreted by some as being tied to post-shearing folding. While examples of post-shearing crenulations were seen on the tenure oriented counterclockwise to the shear fabric (Photo 25), the Z-folding shown in the above photos may be more appropriately attributed to dextral movement along the shear forming at the switch from compression to transpression. This is supported by strain shadows/shear tails developed around clasts in conglomerate (Photo 8, Photo 54) & quartz eyes in dacites (Photo 15), C-S fabric development (Photo 23) and shear directions indicated on Trusler's map. Boudinaging of quartz veins at the outcrop scale is quite common while ankerite +/- quartz veins appear to have responded more brittlely (Photo 13).

Aside from the faulted contact between the conglomerates and tonalite, no major faulting was noted on the claims nor is any shown on Trusler's map. One example of a faulted off pair of quartz veins (Photo 31) was noted at a high angle to the primary foliation. Cataclastized quartz veins were noted in a couple of locations (Photo 34, Photo 34).

### Mineralization

Mineralization encountered on the tenure was quite sparse. Despite this, the lithotectonic assemblage present on the claims is amenable to shear-vein hosted gold systems. Additionally, several showings to the northeast of the tenure indicate proximal gold mineralization. The various types of veins and mineralization/alteration styles encountered are described below.

- 1) A gossanous zone within intercalated siltstones and tuffs was noted by Trusler (1982) approximately 4km west of the western boundary of the claims. Assay results yielded 0.08% Cu, 0.49% Zn and 0.01 oz/t Au. Gossanous heavily oxidized units/beds within the same stratigraphic horizon (psammites) can be found on the tenure at 634212/5580980 (grab sample D295228; Photo 39). At least three lenses occur here with an appreciable amount (5-10%) of what appears to be grunerite or a similar iron amphibole suggesting these zones are ferruginous metasedimentary rocks. Other sulphides that may be present have oxidized out. Sericite, chlorite and medium-coarse grained magnetite are also present. Notably, no quartz veining or silicification is present. It is unclear as to what type of mineralization this may be but based on Trusler's results they are prospective gold targets. Additionally, a zinc occurrence hosted in quartz veins in mafic volcanics described in AFRI 52J07NE8877 yielded anomalous gold values (up to 5026 ppb Au).
- 2) Moderately to strongly oxidized psammites were found elsewhere too (e.g. D295233-35, D295238; Photo 37, Photo 38). The zones are typically <50cm, vary from more chloritic to more sericitic, are variably silicified, and may contain very thin quartz-calcite stringers as well as medium grained disseminated magnetite grains. The oxidation is a result of weathered pyrite and possibly other sulphides, particularly along cleavage surfaces. When less oxidized, pyrite can be seen as thin sub-mm stringers parallel to the foliation and typically along cleavage surfaces. A couple of examples of similar mineralization were also found within sheared intermediate volcanics (D295226 and D295241). Although quite discrete, these zones are considered prospective targets for gold mineralization due to their alteration assemblage and sulphide content.

- 3) Quartz, calcite, coarse tan-brown siderite veins up to 10cm were encountered on the island west of the central shear zone on the tenure (638551/5581514). The veins contain small amounts of clustered pyrite and/or pyrrhotite and local quartz-interstitial chalcopyrite. They generally follow the fabric in the metavolcanics but do not appear to be as deformed as the surrounding rock. Some of the mafics in this same area contain 2-3mm smears or lenses of pyrite along with the chlorite-carbonate alteration including brown blasts of siderite.

Similar to these veins, and possibly of the same age are a set of often saccharoidal quartz veins most common in the mafic volcanics. These veins are the most common ones on the tenure and often occur in sub-parallel sets. They lack the carbonate described above, are deformed (often boudinaged or Z-folded) and may be cored by coarse tourmaline. As above, they carry small amounts of pyrite and chalcopyrite but do not have much in the way of altered selvages. It seems likely that this (and those described below in 4)) are the vein sets that carry mineralization on the adjacent tenure to the northeast which is described as 1) quartz veining in a carbonate-sericite altered quartz vein in a conglomeratic sandstone with patchy galena, sphalerite and arsenopyrite (Johnston Showing; AFRI 52J07NE8877), 2) sulphidized quartz veins in sulphidized chlorite-sericite-silica-carbonate schists after mafic volcanics (Hoey Showing; AFRI 52J07NE8877), 3) auriferous sulphide-carbonate-quartz veins with a more north-south orientation ( $D_1$ ?) in chlorite-carbonate-sericite-silica +/- fuchsite and talc schists after mafic-ultramafic rocks (K.D. Showing; AFRI 52J07NE8877), and several showings further to the northeast described in AFRI 52J07NW9181 which occur at or close to the volcanic-sediment contact.

- 4) Several examples of near-pure coarse ankerite blocks and pods were noted on the western part of the tenure (Photo 13, Photo 30, Photo 51). The original hypothesis was that these were a recrystallized carbonate chemical metasediment; however, it is much more likely that these are ankerite +/- quartz veins based on a) wallrock clasts contained within the veins (Photo 51); and b) heavy carbonate alteration in the surrounding sheared rock (Photo 14, Photo 50). The veins are almost entirely composed of coarse ankerite with lesser chaotic positively-weathering quartz stockworking (Photo 30). The blocks/pods are continuous along strike; however, in all observed locations they disappear along strike into the lake. They are found within both the intermediate and mafic volcanics as well as the psammites. No sulphides are present within them; however, ankerite veining is a common feature of many Archean gold systems and have been described to the northeast as being auriferous when sulphidized.
- 5) The exposed portion of the shear towards the center of the tenure (638860/5581580) and marked on Trusler's map is predominately chloritic with 1-2 mm blasts of siderite, however, one ~1m band was found just north of the shear that has been bleached out, silicified, sericitized and oxidized. Some fine-grained pyrite was still visible.
- 6) Late quartz veins were located on the western part of the tenure within and toward the margins of the Schist Lake Stock. They are unmineralized, undeformed, shallowly dipping and have thin selvages of chlorite alteration and shearing. The best example of these can be found along the Marchington River at 633187/5580200 (Photo 11) at the same location as an old trench marked

on Trusler's map. These veins are probably related to the intrusive and are not considered prospective for gold mineralization. Despite this, intrusion hosted sulphide poor auriferous quartz veins are known elsewhere in the Wabigoon subprovince (e.g. Kodiak's Golden Mile).

- 7) Another set of late quartz +/- coarse tourmaline veins were located close to the greenschist-amphibolite isograd discussed above under 'Metamorphism'. In the examples observed they form roughly foliation parallel pinch-swell (not boudinaged) type veins with thinner related offshoot veins in a slightly different orientation. No sulphides were found within them and alteration selvages were minimal. These too are not considered prospective for gold mineralization; however, see above under 6).
- 8) Mineralization potential underlying Stargazer's Grid 1 (AFRI 52J09SW8880) toward the eastern part of the tenure was investigated in 2021. It appears that the grid was cut to investigate a gold biogeochem anomaly in the center of the grid. Only minor disseminated pyrite was noted on the detailed geology map in the report and that is all that was encountered in 2021. However, just east of the gold anomaly (645481/5582486) an example of moderately quartz vein stockworked rhyodacite/rhyolite was encountered (Photo 1). Minor sulphide mineralization in the form of fine-grained pyrite occurs at this location. Although the evidence is thin, this could be an indicator of VMS-style mineralization.
- 9) The location of an old trench marked on Trusler's map in the eastern part of the claims was investigated in 2021. Although the trench was not located, its approximate location is close to the contact between sheared chlorite altered and carbonate flooded mafic volcanics to the north and felsic (rhyo-dacitic to rhyolitic) weakly sulphidized rocks to the south (apx. 641500/5581775). The trench was reportedly (see Trusler) targeting a "secondary quartz vein", probably along the contact between these two units.
- 10) The drillhole north of the largest and central island on the claims (AFRI 52J06SE0003, drilled on the lake) intersected approximately 150 feet of mafic volcanics and 100 feet of metasedimentary rocks including cherty mud/siltstones and graphitic zones (the cause of the geophysical conductor). Pyrite, pyrrhotite and trace chalcopryrite were encountered over short widths, primarily within the graphitic zones. Assays are not available.

The first of two drillholes on the eastern part of the claims (1980; AFRI 52J07NW0024) intersected a mixture of intermediate volcanics and metasedimentary units as well as a 14 foot wide pyrite-pyrrhotite bearing graphitic zone (the cause of the conductor). Interestingly, a unit of "phyllitic metagreywacke" carried several percent (up to 15%) chalcopryrite over approximately 2.5 feet. This may be comparable to the mineralization described in 2) above. The second drillhole in the same area (1970; AFRI 52J07NW0029) encountered "carbonated chlorite schists" with minor pyrite, pyrrhotite and chalcopryrite as well as a 25-foot-wide quartz veined graphitic zone with pyrite, pyrrhotite and chalcopryrite (no percentages given). Assay results are not available for either of these holes. This area was prospected in 2021; however, no significant mineralization was encountered. The approximate site of the drilling was found at 647517/5582942 (Photo 22).

- 11) An arsenic biogeochem anomaly indicated on the Stargazer map (641200/5582600; AFRI 52J09SW8880) within the Fairchild Lake Batholith was briefly investigated; however, the area is poorly exposed. Arsenopyrite within the Fairchild Lake Batholith has been described in AFRI 52J07NE8877.

## **2021 PROSPECTING PROGRAM**

Approximately 14 days were spent investigating Ethos Gold Corp's Fairchild Project between May 4 and May 17. The primary target for investigation was shear/vein hosted epigenetic Archean gold mineralization and to a lesser extent VMS-style mineralization in the felsic-to-intermediate rocks in the south. Consequently, the focus of the program was on areas that have undergone significant deformation and hydrothermal alteration, particularly proximal to the Kashaweogama Lake Fault which trends through the tenure along the Marchington River and Fairchild Lake. The areas traversed and samples taken are shown in Figure 3.

A total of 117 samples were taken during the program. All samples collected were "grab" samples taken to best represent the lithology(ies), alteration type and/or sulphide mineralization on the prospective outcrop. Sample locations were marked with flagging tape, entered into a GPS and entered into an iPad running 'Touch GIS' software. Sample data and traverse locations were inputted into a laptop daily. At the end of the program samples were placed into rice bags, sealed with a recorded security tag, and dropped off at ALS Chemex in Thunder Bay, Ontario for geochemical analysis.

Sample UTM locations and descriptions can be found in Appendix B. Geochemical analysis results can be found in Appendix A.

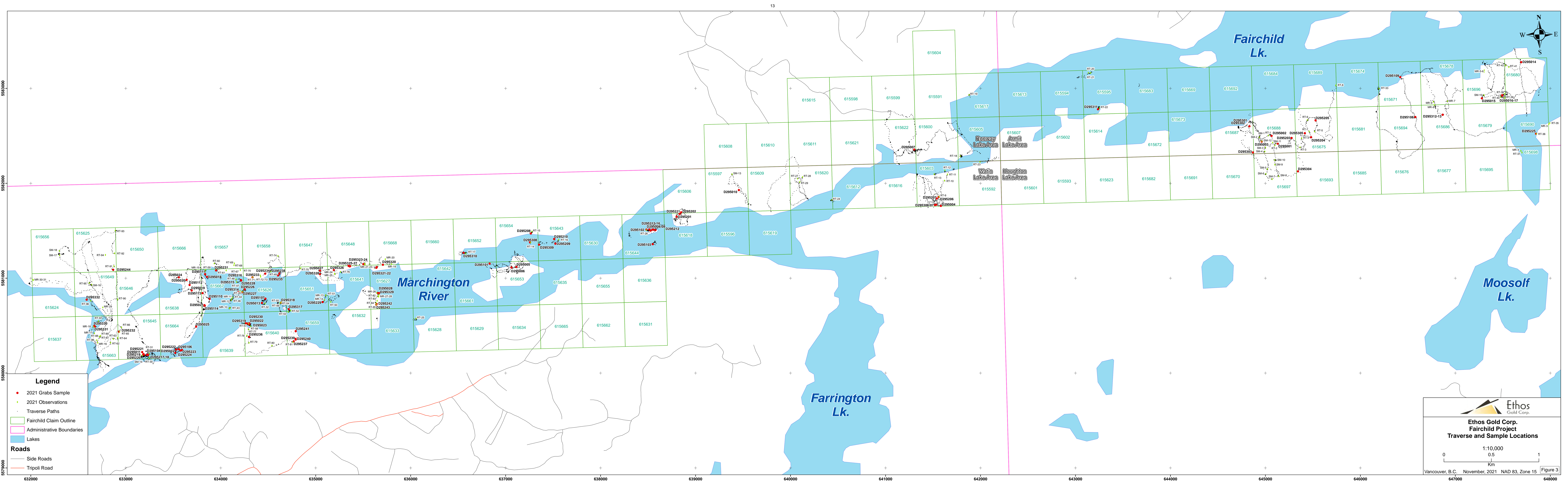
In addition to sample locations, several observation stations were taken during the course of the program. Information gathered at these locations, as well as features noted at sample locations, have helped inform this report. Historical geochemical information as well as historical work as outlined above influenced to a small degree where traverses and sampling took place and also helped inform the conclusions outlined below.

The preparation and analytical procedures used at the lab are detailed in Appendix C.

Overall, the precious and base metals content of the samples were low (Figures 4-8; Appendix A). Gold values were largely below detection limits (<0.01 g/t) with a couple at 0.05 g/t which is not considered significant. Silver values topped out at 0.66 g/t taken from a sugary quartz vein containing a small amount of malachite and chalcopyrite (sample number D295021). This sample is located on the western part of the tenure just before the Marchington River narrows significantly.

Copper values were rather low as well with a high value of 598 ppm (0.06%) from the same sample described above (D295021). Out of the 117 samples 22 of them returned an assay of 100ppm Cu or greater.

The top value in lead was 29.8 ppm which was accompanied by 0.61 g/t silver, 276 ppm copper and 2220 ppm (0.22%) zinc. This sample (D295028) was taken from a carbonatized pyritic shear in mafic volcanics. This sample also corresponds to the highest zinc sample taken and is located on the north



**Legend**

- 2021 Grabs Sample
- 2021 Observations
- ⋯ Traverse Paths
- ▭ Fairchild Claim Outline
- ▭ Administrative Boundaries
- ▭ Lakes

**Roads**

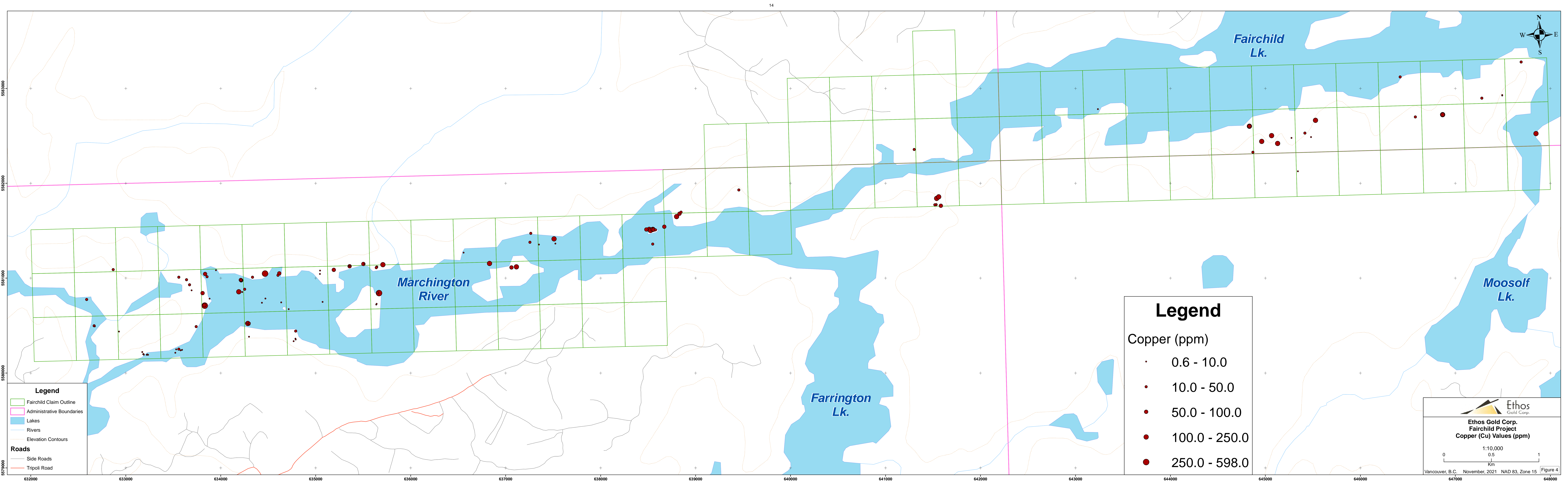
- Side Roads
- Tripoli Road

**Ethos Gold Corp.**  
Fairchild Project  
Traverse and Sample Locations

1:10,000  
0 0.5 1  
Km

Vancouver, B.C. November, 2021 NAD 83, Zone 15 **Figure 3**





**Legend**

- Fairchild Claim Outline
- Administrative Boundaries
- Lakes
- Rivers
- Elevation Contours

**Roads**

- Side Roads
- Tripoli Road

**Legend**

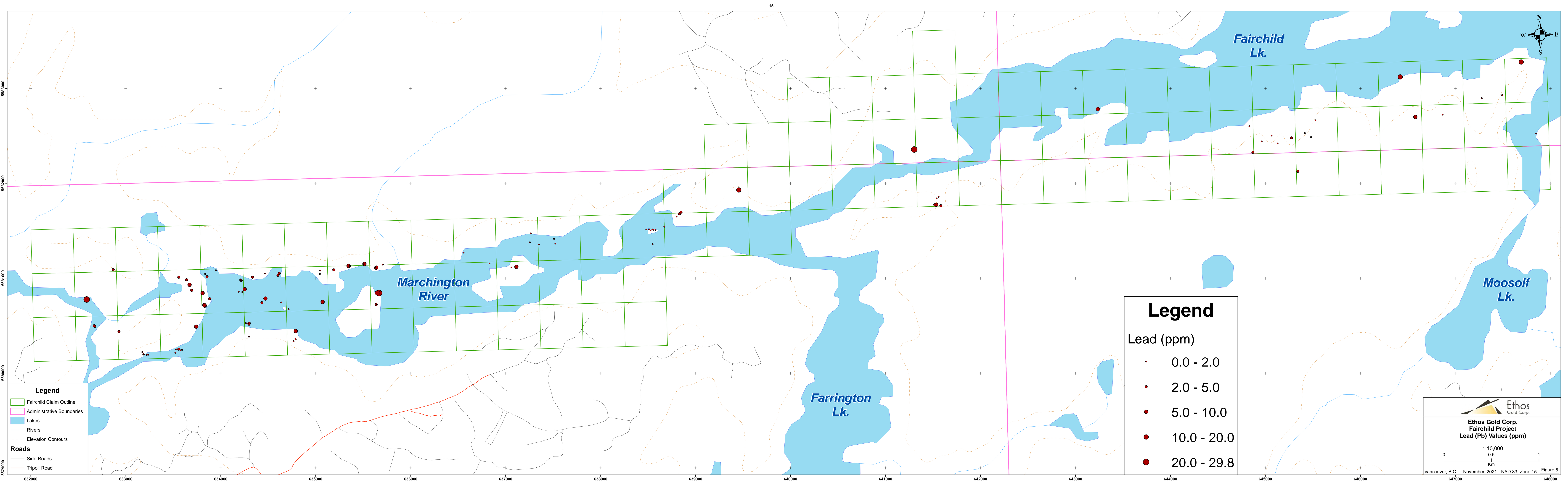
Copper (ppm)

- 0.6 - 10.0
- 10.0 - 50.0
- 50.0 - 100.0
- 100.0 - 250.0
- 250.0 - 598.0

**Ethos Gold Corp.**  
 Fairchild Project  
 Copper (Cu) Values (ppm)

1:10,000  
 0.5  
 1  
 Km

Vancouver, B.C. November, 2021 NAD 83, Zone 15 **Figure 4**



**Legend**

- Fairchild Claim Outline
- Administrative Boundaries
- Lakes
- Rivers
- Elevation Contours

**Roads**

- Side Roads
- Tripoli Road

**Legend**

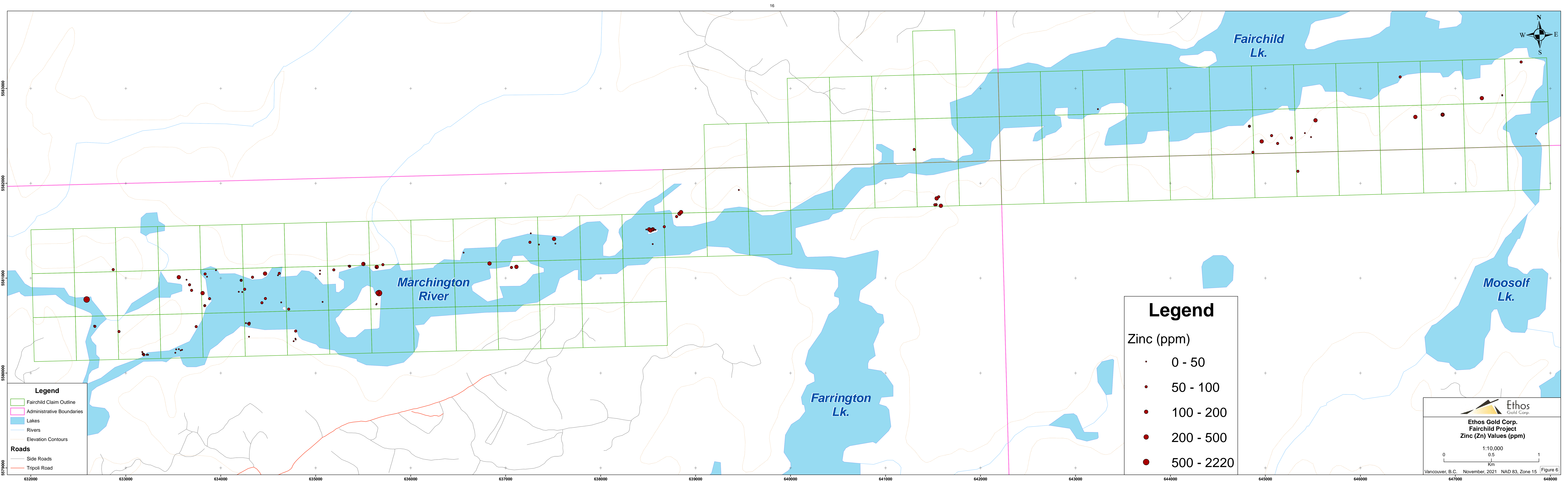
Lead (ppm)

- 0.0 - 2.0
- 2.0 - 5.0
- 5.0 - 10.0
- 10.0 - 20.0
- 20.0 - 29.8

**Ethos Gold Corp.**  
 Ethos Gold Corp.  
 Fairchild Project  
 Lead (Pb) Values (ppm)

1:10,000  
 0.5  
 1  
 Km

Vancouver, B.C. November, 2021 NAD 83, Zone 15 **Figure 5**



5593000  
5592000  
5591000  
5590000  
5589000

**Legend**

- Fairchild Claim Outline
- Administrative Boundaries
- Lakes
- Rivers
- Elevation Contours

**Roads**

- Side Roads
- Tripoli Road

**Legend**

Zinc (ppm)

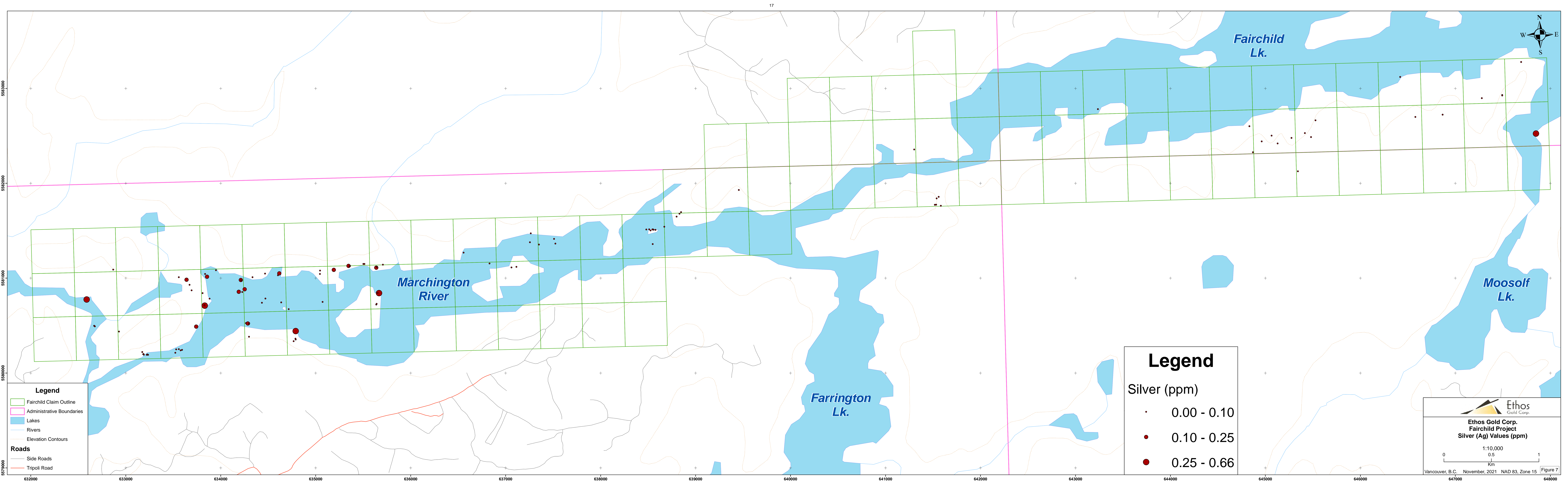
- 0 - 50
- 50 - 100
- 100 - 200
- 200 - 500
- 500 - 2220

**Ethos Gold Corp.**  
**Fairchild Project**  
**Zinc (Zn) Values (ppm)**

1:10,000  
 0.5  
 1  
 Km

Vancouver, B.C. November, 2021 NAD 83, Zone 15 Figure 6

632000 633000 634000 635000 636000 637000 638000 639000 640000 641000 642000 643000 644000 645000 646000 647000 648000



**Legend**

- Fairchild Claim Outline
- Administrative Boundaries
- Lakes
- Rivers
- Elevation Contours

**Roads**

- Side Roads
- Tripoli Road

**Legend**

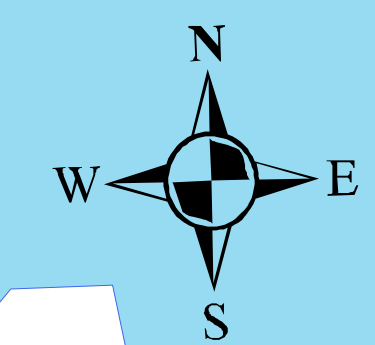
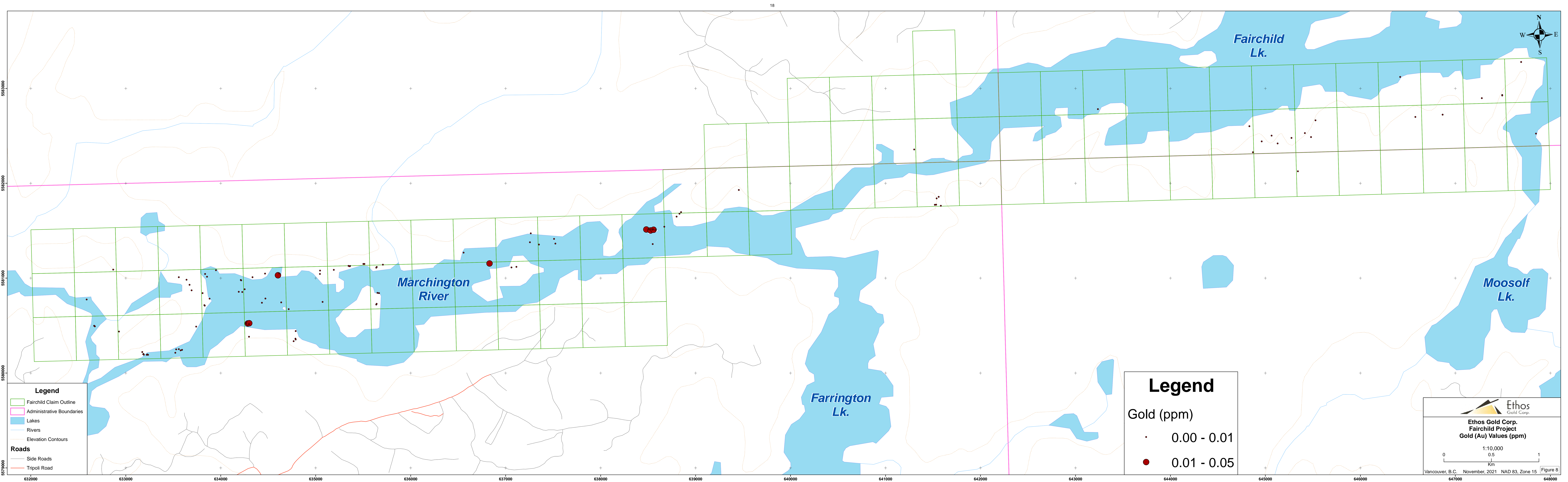
Silver (ppm)

- 0.00 - 0.10
- 0.10 - 0.25
- 0.25 - 0.66

**Ethos Gold Corp.**  
 Ethos Gold Corp.  
 Fairchild Project  
 Silver (Ag) Values (ppm)

1:10,000  
 0 0.5 1  
 Km

Vancouver, B.C. November, 2021 NAD 83, Zone 15 Figure 7



**Legend**

- Fairchild Claim Outline
- Administrative Boundaries
- Lakes
- Rivers
- Elevation Contours

**Roads**

- Side Roads
- Tripoli Road

**Legend**

Gold (ppm)

- 0.00 - 0.01
- 0.01 - 0.05

**Ethos Gold Corp.**  
 Fairchild Project  
 Gold (Au) Values (ppm)

1:10,000  
 0 0.5 1  
 Km

Vancouver, B.C. November, 2021 NAD 83, Zone 15 Figure 8

side of the large island on the west side of the tenure. 24 of the samples taken assayed 100 ppm Zn or greater.

Background values for each of these elements is not possible to calculate as all samples were atypical being preferentially taken of mineralized and/or altered rock. Nevertheless, it can be said that background gold and silver values fall below the detection limits of the assay methods used (<0.01 ppm for both). The average copper value was calculated to be 50 ppm, average lead value at 3 ppm, and average zinc value at 80 ppm (60 ppm if the 2220 ppm value from sample D295028 is removed). These are considered to be at or higher than the background values of these metals.

## **DISCUSSION & RECOMENDATIONS**

While the initial phase of geochemical sampling did not produce particularly elevated precious or base metal assay results the area remains a prospective one owing to its structural setting and large areas of water and drift cover that could not be prospected. While the primary goal of the program was to locate auriferous veins and/or structures, the program was still successful in better defining the geology on the tenure and understanding the various styles of mineralization that are present.

The quartz veins sampled during the program were largely barren of sulphides, not particularly deformed and lacked a significant alteration selvage, so gold values were not expected to be particularly elevated. Additionally, the majority of the shear zones investigated and sampled were 'green' and without quartz veining or silicification suggesting that they have not seen the same intensity of fluid flow as is common in Archean shear hosted gold settings.

Future work on the tenure should remain at the "grass-roots" level with the same style of target in mind. Additional prospecting around samples D295021 & D295028 is recommended to determine if there is any nearby more intense mineralization that was missed during the first round. Additional desktop investigation into the nearby gold showings with particular attention paid to the structures they are hosted in is also warranted. It is anticipated that the costs will be similar to those presented in Appendix F.

## **REFERENCES**

### On tenure

AFRI 52J06SE0007. 1970. Electromagnetic and Magnetic Survey, Marchington 1-70. Noranda Exploration Co. Ltd.

AFRI 52J07NW0029. 1970. Diamond Drilling Report, Canex Aerial Expl. Hole 118-1-6.

AFRI 52J06SE0006. 1971. Electromagnetic and Magnetic Survey, Marchington 2-70. Noranda Exploration Co. Ltd.

AFRI 52J07SW0039. 1977. Airborne Magnetic Survey. UMEX Union Miniere Explorations and Mining Corporation Limited. Authored by Roger J. Cavén.

AFRI 20007550/AFRI 52J07NW0026/ AFRI 52J07SW0017. 1978. Detail Airborne Magnetic and VLF Electromagnetic Surveys in the Farrington-Houghton Lakes Area. UMEX Union Miniere Explorations and Mining Corporation Limited. Authored by Roger J. Cavén.

AFRI 52J07NW0024. 1980. Diamond Drilling Report, UMEX Corporation Limited, Hole SA 55.

AFRI 52J06SE0003. 1980. Diamond Drilling Report, UMEX Corporation Limited, Hole SA 56.

AFRI 52J09SW8880. 1981. Final Report, 1981 Savant Lake Project. Stargazer Resources Ltd. Authored by G.M. Leary (GML Minerals Consulting Ltd.).

AFRI 52J09SW2355. 1982. Final Report, 1982 Savant Lake Winter-Spring Project. Stargazer Resources Ltd. Authored by G.M. Leary (GML Minerals Consulting Ltd.).

Trusler, J.R. 1973. Farrington Lake Area, District of Kenora. p.41-47. In Summary of Field Work, 1974, by the Geological Branch, edited by V.G. Milne, D.F. Hewitt, and K.D. Card, Ontario Div. Mines, MP59, 206p.

Bond, W.D. 1974. Houghton-Hough Lakes Area, District of Thunder Bay; Ontario Div. Mines, Prelim. Map P. 933, Geol. Ser., scale 1 inch to ¼ mile. Geology 1973.

Bond, W.D. 1979. Houghton Lake—Hough Lake; Ontario Geological Survey Map 2424, Precambrian Geology Series, scale 1 inch to ½ mile, 1:31 680. Geology 1973.

Trusler, J.R. 1982. Geology of the Farrington Lake Area, District of Kenora, Ontario Geological Survey OFR 5354, 101 p., 15 tables, 12 figures, and 1 map (P. 996).

Sanborn-Barrie, M. 2004. Structural geology, Savant Lake greenstone belt, western Superior Province, Ontario. Geological Survey of Canada, Open File 3947.

#### Off tenure, proximal

AFRI 52J06SE0005. 1968. Diamond Drilling Report, Canadian Nickel Co., Hole 37612.

AFRI 52J06SE0004. 1977. Diamond Drilling Report, UMEX Corporation Limited, Hole SA-6.

AFRI 52J07NE8877. 1988. Geological and Geochemical Survey, Kashaweogama Lake Project. Redaurum Red Lake Mines Ltd. Authored by Peter A. Fernberg.

AFRI 52J07NW8931. 1988. Kash Lake Property 1988 Geology and Geochemistry Report. Northern Dynasty Explorations Ltd. Authored by Jerry W. Ho.

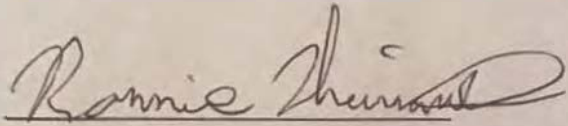
AFRI 52J07NW9181. 1991. A Report on Geological Mapping within the Kashaweogama Property, Savant Lake Area, Ontario, 1991. G.M. Hogg & Associates.

## QUALIFICATIONS

I, Ronnie Therriault, of #32 Hwy. 595, Kakabeka Falls, Ontario, do hereby certify that:

- 1) I am a consulting geologist with Ethos Gold Corp. with an office at 800 W. Pender St. Vancouver, B.C., suite 1430, Canada, V6C 2V6.
- 2) I am a graduate of The University of Western Ontario with a B.Sc. and M.Sc., both in Geology.
- 3) I have practiced my profession between 2006-2017 and 2021.
- 4) I am responsible for, or directly supervised, the writing of this report dated November 30, 2021. It is based on a study of the data and literature available and fieldwork conducted in May, 2021 on the Fairchild Project.
- 5) I currently hold shares in Ethos Gold Corp.
- 6) As of the date of this certificate, to the best of my knowledge, information and belief, the report contains all scientific and technical information that is required to be disclosed to make the report not misleading.

Dated this 30th day of November, 2021



Ronnie Therriault, M.Sc., P.Ge

Kakabeka Falls, Ontario





# **Appendix A - Assay Certificates**



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: **ETHOS GOLD**  
**SUITE 1430 – 800 WEST PENDER STREET**  
**VANCOUVER BC V6C 2V6**

Page: 1  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9-JUN-2021  
 Account: GOLETH

**CERTIFICATE TB21129355**

Project: Fairchild

This report is for 120 samples of Rock submitted to our lab in Thunder Bay, ON, Canada on 22-MAY-2021.

The following have access to data associated with this certificate:

JO PRICE	MICHAL RUSSEK
----------	---------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging – ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing – 70% <2mm
SPL-21	Split sample – riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
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 \*\*\*\*\*

Comments: Dispatch 21FC-001

Signature:   
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 2 – A  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	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
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		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
D295001		1.38	0.04	7.84	3.3	30	0.25	0.01	8.28	0.11	6.04	49.2	181	0.23	144.5	8.02
D295002		1.03	0.03	7.56	1.1	120	0.29	0.01	7.46	0.10	8.11	50.7	156	0.91	121.5	8.51
D295003		1.80	0.03	7.06	4.9	10	0.32	0.02	6.32	0.15	12.90	46.9	69	0.24	124.5	9.48
D295004		1.66	0.06	7.58	25.6	70	0.33	0.03	5.27	0.15	34.1	24.3	73	0.34	63.0	5.03
D295005		1.56	0.05	9.18	0.9	220	0.74	0.18	4.70	0.13	16.65	54.5	232	1.36	118.5	11.05
D295006		1.60	0.03	8.03	11.1	30	0.24	0.01	7.08	0.08	6.77	50.4	196	0.15	95.3	9.30
D295007		1.94	0.08	8.07	22.9	730	1.51	0.22	1.73	0.05	36.7	7.6	91	4.29	18.1	4.27
D295008		1.95	0.03	7.37	2.7	110	0.41	0.02	6.21	0.11	10.80	47.0	116	0.87	116.0	11.35
D295009		1.32	0.03	3.59	4.6	120	0.21	0.03	2.20	0.27	4.16	28.7	73	0.58	86.9	5.05
D295010		1.88	0.05	4.84	4.2	460	1.26	0.10	1.43	0.07	33.1	8.1	59	0.99	18.3	1.98
D295011		0.97	0.01	6.32	1.3	520	0.84	0.02	3.02	0.07	48.0	22.1	69	2.21	3.7	7.24
D295012		1.65	0.02	6.39	2.0	230	1.27	0.07	0.40	0.03	102.0	1.4	13	0.36	15.6	1.41
D295013		1.73	0.01	0.94	0.4	20	1.20	0.04	18.85	0.27	10.30	13.2	6	0.16	1.7	7.74
D295014		1.05	0.10	7.29	6.6	300	1.01	0.21	3.69	0.08	47.9	22.6	87	1.61	47.6	4.45
D295015		1.41	0.05	7.85	3.0	20	0.31	0.02	6.94	0.13	9.10	54.6	101	0.30	39.1	10.40
D295016		1.61	<0.01	0.59	0.9	10	<0.05	<0.01	0.20	<0.02	0.50	3.3	34	0.07	1.3	0.81
D295017		1.20	<0.01	2.36	4.1	20	0.05	0.01	1.77	0.02	2.37	14.2	79	0.07	1.9	2.56
D295018		1.42	0.11	4.96	1.2	210	0.77	0.10	0.66	0.03	14.45	7.6	31	1.68	28.0	3.04
D295019		1.59	0.10	4.07	13.0	70	0.19	0.31	0.91	0.03	9.43	8.2	11	0.49	9.9	3.62
D295020		1.13	0.16	8.45	0.8	120	0.51	0.25	2.56	0.07	22.2	24.6	40	2.49	43.4	5.30
D295021		0.89	0.66	4.04	5.4	50	0.30	0.05	1.64	0.54	25.9	16.1	46	0.38	598	4.39
D295022		1.55	0.04	8.80	3.7	160	0.74	0.22	4.39	0.08	24.9	34.2	8	0.68	13.6	6.69
D295023		1.44	0.03	7.19	2.4	130	0.57	0.08	2.28	0.05	18.15	24.4	17	0.51	28.5	5.47
D295024		1.31	0.08	8.72	0.5	240	0.61	0.08	2.92	0.11	18.50	27.2	42	3.08	50.0	4.75
D295025		1.48	0.12	6.92	1.8	250	0.89	0.08	3.51	0.11	50.3	11.5	8	1.00	27.0	5.47
D295026		1.43	0.20	6.05	0.6	180	0.45	0.13	1.92	0.04	13.15	7.5	45	0.73	97.7	7.85
D295027		1.11	0.02	3.74	0.6	20	0.19	0.01	0.93	0.04	1.91	6.1	29	0.13	9.5	1.63
D295028		1.23	0.61	7.92	0.7	360	0.77	0.17	2.79	8.34	17.75	23.3	16	1.14	276	5.10
D295101		0.89	0.04	6.59	12.6	30	0.40	0.02	3.86	0.06	11.75	40.1	20	0.16	120.5	12.05
D295102		1.89	0.03	2.67	5.7	10	0.10	0.02	1.74	0.07	1.78	20.3	56	<0.05	59.1	3.72
D295103		1.89	0.02	3.89	16.9	30	0.20	0.01	5.89	0.10	3.86	20.0	65	0.16	32.4	4.34
D295104		1.60	<0.01	7.80	0.4	440	1.02	0.01	0.28	<0.02	29.5	7.1	11	1.97	2.2	2.75
D295105		1.38	<0.01	0.10	0.3	10	<0.05	<0.01	0.01	<0.02	0.62	0.2	31	<0.05	1.3	0.34
D295106		2.35	0.01	2.24	2.0	150	0.28	0.03	2.92	0.03	12.15	4.7	43	0.81	2.1	3.02
D295107		1.13	0.09	3.24	0.2	110	0.58	0.59	8.76	0.19	32.3	6.4	5	1.25	2.3	3.61
D295108		1.87	0.08	8.14	1.0	300	0.51	0.06	3.32	0.24	19.95	6.1	36	0.30	28.9	3.38
D295109		1.93	0.07	7.55	102.5	680	1.08	0.05	1.96	0.07	40.7	12.0	64	2.08	25.4	2.98
D295110		1.62	0.02	3.85	0.5	100	0.49	0.03	9.45	0.21	20.6	10.2	25	2.48	5.6	4.67
D295111		0.84	0.05	7.11	1.0	20	0.25	0.02	6.66	0.07	6.25	45.5	186	0.17	82.9	8.75
D295112		1.68	0.06	7.43	0.4	290	0.83	0.05	3.52	0.07	48.1	17.6	46	2.45	27.9	7.40

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 2 – B  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
		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
D295001		16.50	0.06	1.1	0.058	0.13	2.2	22.4	3.21	1320	0.07	1.73	1.2	153.0	240	1.0
D295002		17.90	0.06	1.3	0.066	0.31	3.0	19.2	3.11	1360	0.11	1.78	2.3	124.0	300	1.4
D295003		17.90	0.07	1.4	0.092	0.01	4.6	11.9	2.07	1880	0.23	3.03	3.9	54.0	500	1.4
D295004		16.55	0.07	2.9	0.050	0.18	14.8	2.1	1.84	897	3.82	6.11	6.9	69.7	980	4.9
D295005		26.0	0.08	0.8	0.074	0.82	7.0	31.1	3.74	1780	1.07	1.83	5.0	155.0	410	9.6
D295006		17.35	0.05	0.5	0.063	0.04	2.5	11.6	4.70	1160	0.22	1.18	2.2	118.5	250	0.5
D295007		23.5	0.08	2.1	0.036	2.26	19.5	34.7	1.35	463	2.64	2.35	6.4	21.9	690	20.5
D295008		17.90	0.07	1.6	0.069	0.32	3.9	17.4	1.98	2560	0.17	0.92	2.9	78.2	380	0.5
D295009		8.52	<0.05	0.7	0.029	0.19	1.5	9.9	1.15	881	0.08	0.59	1.3	34.3	190	0.6
D295010		11.30	0.07	1.7	0.018	1.21	16.2	13.6	0.58	624	0.63	1.48	3.0	21.0	430	13.6
D295011		22.7	0.11	3.1	0.093	2.72	21.1	19.5	2.04	1420	0.64	0.13	13.2	65.1	1600	1.2
D295012		19.70	0.14	9.1	0.052	0.77	44.3	3.0	0.08	181	1.65	4.07	15.6	1.0	50	3.3
D295013		2.29	<0.05	0.4	0.007	0.11	5.5	6.8	7.84	2780	0.13	0.05	0.5	38.5	120	2.7
D295014		16.45	0.09	2.3	0.035	0.91	23.2	18.5	1.62	908	0.63	3.05	4.8	58.7	530	13.0
D295015		19.20	0.06	0.8	0.066	0.05	3.5	10.3	4.61	1500	0.14	1.17	3.0	99.6	330	1.8
D295016		0.98	<0.05	<0.1	<0.005	0.05	<0.5	1.2	0.23	142	0.14	0.20	0.2	9.2	50	<0.5
D295017		3.79	<0.05	0.1	0.011	0.06	0.9	3.9	0.91	495	0.12	0.66	0.8	39.6	170	<0.5
D295018		12.75	0.06	2.5	0.031	1.36	6.2	8.5	0.41	715	0.99	0.81	4.5	15.3	150	3.3
D295019		14.65	0.05	5.5	0.064	0.11	4.5	57.8	0.90	291	2.45	0.13	6.7	35.2	50	3.8
D295020		19.70	0.09	2.8	0.041	0.66	9.7	22.8	1.21	1160	0.78	3.90	4.0	44.7	620	3.6
D295021		10.35	0.06	2.0	0.097	0.08	10.9	13.9	1.41	703	0.55	1.69	5.0	25.3	830	7.5
D295022		20.9	0.08	2.9	0.044	0.97	10.2	27.6	2.20	780	0.34	2.37	4.1	38.2	750	4.6
D295023		18.55	0.07	2.4	0.041	0.40	7.7	23.5	1.83	694	0.63	2.41	3.7	23.7	590	3.3
D295024		20.5	0.07	2.7	0.046	0.90	7.7	30.9	1.22	1290	0.55	3.59	3.6	63.7	640	4.9
D295025		16.75	0.11	4.6	0.044	1.54	23.2	11.9	0.95	1020	0.99	2.17	9.2	13.1	1090	8.8
D295026		13.20	0.06	0.3	0.017	0.44	7.3	5.4	1.18	1220	1.40	1.00	2.8	11.2	360	3.8
D295027		5.71	<0.05	0.1	<0.005	0.09	0.9	2.5	0.78	144	0.15	0.79	0.4	8.0	120	1.8
D295028		19.45	0.08	2.8	0.045	1.41	8.0	19.1	1.89	1480	0.37	1.36	3.3	45.3	580	29.8
D295101		19.65	0.07	1.6	0.082	0.02	4.4	17.2	3.05	1600	0.10	2.42	3.8	29.6	550	0.5
D295102		5.58	<0.05	0.5	0.021	0.01	0.7	3.8	0.91	677	0.18	0.93	0.9	30.3	140	<0.5
D295103		6.99	<0.05	0.7	0.026	0.12	1.5	7.6	1.73	1040	0.13	1.29	1.2	33.7	290	0.5
D295104		20.2	0.09	3.1	0.036	2.35	14.8	8.4	0.67	225	0.08	2.89	6.4	10.9	500	1.3
D295105		0.36	<0.05	0.1	<0.005	0.04	<0.5	0.3	0.01	38	0.12	0.01	0.2	1.0	<10	<0.5
D295106		7.63	0.05	1.4	0.021	0.47	6.8	5.0	0.31	531	0.32	0.78	2.3	17.1	100	1.2
D295107		9.92	0.07	2.9	0.025	1.02	15.8	5.6	3.76	1160	0.39	0.31	2.7	26.8	40	5.1
D295108		19.45	0.08	1.0	0.112	0.52	9.7	7.0	1.46	510	0.61	3.30	3.8	13.2	370	5.1
D295109		21.9	0.11	2.8	0.025	2.37	19.4	14.8	0.69	372	0.14	2.47	3.1	28.5	490	12.2
D295110		8.24	0.06	1.3	0.017	0.71	12.4	15.5	4.05	1580	0.40	0.51	0.7	31.8	340	3.0
D295111		14.10	0.05	0.2	0.050	0.06	2.3	27.2	3.70	1530	0.08	1.17	1.8	108.0	230	1.0
D295112		17.70	0.10	4.2	0.034	1.22	22.9	27.0	1.37	2600	0.31	1.74	8.9	28.6	830	5.5

Comments: Dispatch 21FC-001



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 2 – C  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
D295001		4.1	<0.002	0.12	0.91	36.5	1	0.3	147.5	0.07	<0.05	0.18	0.270	0.02	<0.1	219
D295002		12.5	<0.002	0.08	0.45	41.1	1	0.5	174.0	0.15	<0.05	0.23	0.545	0.08	0.1	258
D295003		0.8	0.002	0.11	0.95	47.8	<1	0.7	105.5	0.24	<0.05	0.38	0.840	<0.02	0.1	358
D295004		4.8	<0.002	0.03	8.79	17.5	1	0.6	356	0.40	<0.05	1.10	0.514	0.03	0.3	67
D295005		15.1	<0.002	0.05	0.46	44.4	1	1.2	154.0	0.32	0.06	2.14	0.630	0.24	1.2	275
D295006		0.7	0.003	0.01	1.36	46.4	1	0.6	198.5	0.13	<0.05	0.20	0.513	<0.02	0.1	267
D295007		91.5	<0.002	0.26	0.71	12.3	1	1.0	434	0.44	<0.05	7.53	0.334	0.61	1.7	96
D295008		13.1	0.002	0.11	0.82	69.2	1	0.6	93.5	0.17	<0.05	0.30	0.576	0.03	0.1	350
D295009		8.1	<0.002	0.26	0.87	27.1	2	0.4	50.6	0.08	0.05	0.16	0.276	0.02	<0.1	154
D295010		40.1	<0.002	0.03	0.31	5.5	1	0.6	319	0.26	<0.05	5.27	0.150	0.18	1.1	42
D295011		96.5	<0.002	<0.01	0.31	17.6	1	3.2	47.4	0.66	<0.05	1.64	0.658	0.31	0.5	126
D295012		22.4	<0.002	0.03	0.16	5.3	<1	1.5	63.2	1.29	0.05	9.41	0.079	0.06	2.1	2
D295013		2.9	<0.002	<0.01	0.38	2.1	1	<0.2	33.3	<0.05	<0.05	0.24	0.035	0.02	0.1	30
D295014		40.4	<0.002	0.03	1.32	17.4	1	0.7	507	0.42	<0.05	7.77	0.305	0.32	1.7	117
D295015		2.8	<0.002	0.05	0.85	45.3	1	0.5	211	0.18	<0.05	0.29	0.675	<0.02	0.1	306
D295016		2.0	<0.002	<0.01	0.10	1.5	<1	<0.2	4.0	<0.05	<0.05	0.03	0.027	0.03	<0.1	13
D295017		2.1	<0.002	<0.01	0.09	9.2	1	<0.2	20.5	0.05	<0.05	0.10	0.171	0.02	<0.1	57
D295018		42.0	<0.002	0.58	0.33	7.5	1	0.9	136.5	0.32	<0.05	2.11	0.224	0.19	0.6	46
D295019		2.9	<0.002	1.31	1.12	6.7	<1	1.5	36.0	0.49	<0.05	3.34	0.056	0.03	0.9	14
D295020		23.6	0.004	1.07	0.71	18.0	2	0.8	193.0	0.31	0.57	1.79	0.488	0.15	0.5	131
D295021		2.8	<0.002	0.10	0.41	15.3	1	0.6	86.8	0.28	<0.05	0.91	0.424	0.02	0.2	115
D295022		20.5	<0.002	1.39	0.65	22.3	1	0.9	284	0.32	0.07	1.62	0.614	0.14	0.4	178
D295023		10.9	<0.002	0.35	1.52	17.4	1	0.7	255	0.27	<0.05	1.37	0.507	0.07	0.4	148
D295024		26.8	<0.002	0.60	0.55	18.4	1	0.6	258	0.27	<0.05	1.53	0.502	0.26	0.4	147
D295025		43.6	<0.002	0.36	0.42	12.2	<1	1.1	158.0	0.55	<0.05	3.05	0.537	0.25	0.8	61
D295026		15.2	<0.002	0.30	0.32	6.9	1	0.5	158.0	0.23	<0.05	1.51	0.262	0.06	0.4	86
D295027		2.7	<0.002	0.01	0.13	2.4	<1	<0.2	108.5	<0.05	<0.05	0.18	0.085	<0.02	<0.1	65
D295028		19.6	<0.002	0.11	1.04	14.9	3	0.7	234	0.29	<0.05	1.42	0.381	0.23	0.4	118
D295101		0.8	<0.002	0.15	0.58	44.3	1	0.7	50.2	0.23	<0.05	0.39	0.832	<0.02	0.1	386
D295102		0.4	<0.002	0.21	0.80	14.2	1	0.2	23.7	0.06	<0.05	0.10	0.206	0.03	<0.1	101
D295103		2.7	<0.002	0.07	0.62	18.6	<1	0.3	98.9	0.07	<0.05	0.13	0.270	<0.02	<0.1	109
D295104		74.1	<0.002	<0.01	0.18	6.0	<1	1.3	77.9	0.46	<0.05	2.59	0.258	0.27	0.6	45
D295105		1.1	<0.002	<0.01	0.24	0.1	<1	<0.2	1.1	<0.05	<0.05	0.04	<0.005	<0.02	<0.1	1
D295106		20.1	<0.002	<0.01	0.15	1.6	<1	0.9	76.2	0.14	<0.05	1.30	0.065	0.10	0.4	45
D295107		26.7	<0.002	<0.01	0.48	3.8	1	0.8	62.3	0.23	<0.05	3.06	0.031	0.11	0.8	16
D295108		7.5	<0.002	0.09	0.19	10.1	1	1.4	210	0.28	<0.05	1.61	0.290	0.06	0.4	74
D295109		71.7	<0.002	0.01	1.11	8.3	<1	0.6	595	0.20	<0.05	4.01	0.282	0.57	1.1	73
D295110		16.8	<0.002	<0.01	0.63	8.0	<1	0.3	63.1	0.06	<0.05	0.81	0.084	0.08	0.3	68
D295111		2.1	<0.002	<0.01	0.20	37.4	<1	0.2	117.5	0.11	<0.05	0.19	0.442	<0.02	0.1	227
D295112		36.8	<0.002	0.01	0.19	12.9	<1	1.1	200	0.55	<0.05	3.30	0.378	0.13	0.8	76

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 2 – D  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

CERTIFICATE OF ANALYSIS TB21129355
------------------------------------

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	Au-AA25 Au ppm
D295001		<0.1	8.8	83	35.5	0.01
D295002		0.2	13.8	96	46.6	<0.01
D295003		0.2	24.8	122	48.2	<0.01
D295004		14.3	7.1	132	128.5	0.01
D295005		0.8	21.2	131	27.9	<0.01
D295006		0.1	18.7	92	9.5	<0.01
D295007		1.8	11.0	60	85.1	<0.01
D295008		1.5	10.6	143	56.0	<0.01
D295009		0.7	4.7	60	25.2	<0.01
D295010		1.2	5.4	35	69.0	<0.01
D295011		2.8	16.1	79	131.5	<0.01
D295012		1.2	42.5	12	284	<0.01
D295013		0.1	6.5	86	15.5	<0.01
D295014		1.4	13.2	56	86.5	<0.01
D295015		0.4	22.6	106	22.6	<0.01
D295016		<0.1	0.8	8	1.0	<0.01
D295017		0.2	4.4	27	3.8	<0.01
D295018		0.3	6.8	50	101.5	<0.01
D295019		0.4	17.0	97	210	<0.01
D295020		0.3	10.3	42	113.5	<0.01
D295021		0.1	13.0	73	89.7	<0.01
D295022		3.2	14.9	75	111.5	0.04
D295023		2.9	11.9	73	100.5	<0.01
D295024		0.9	8.5	114	107.0	<0.01
D295025		0.3	23.9	99	188.5	<0.01
D295026		0.3	6.4	52	12.4	<0.01
D295027		0.1	0.9	30	6.9	<0.01
D295028		0.9	8.2	2220	114.5	<0.01
D295101		2.0	23.1	119	64.4	0.02
D295102		5.6	3.3	47	21.0	0.05
D295103		2.5	5.3	36	23.7	<0.01
D295104		1.9	8.0	30	119.5	<0.01
D295105		0.1	0.2	<2	2.1	<0.01
D295106		0.1	5.1	24	59.2	<0.01
D295107		0.1	9.7	63	108.0	0.01
D295108		0.2	9.1	106	38.4	<0.01
D295109		3.3	5.6	74	113.0	<0.01
D295110		0.1	7.3	62	55.5	<0.01
D295111		1.1	15.3	96	8.3	0.01
D295112		0.4	15.8	91	167.5	<0.01

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 3 – A  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	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
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
D295113		1.81	0.10	8.21	1.4	90	2.01	0.03	3.54	0.15	23.1	41.9	211	1.44	67.9	7.06
D295114		1.01	0.04	6.49	2.9	780	0.88	0.09	1.78	0.10	75.1	3.0	7	1.51	56.0	2.52
D295201		1.17	0.03	7.34	20.4	30	0.13	0.02	9.09	0.12	6.65	41.5	173	0.20	108.5	8.18
D295202		0.58	0.01	6.05	17.4	390	0.54	0.10	0.51	0.08	9.26	5.3	8	1.08	27.7	2.24
D295203		0.85	0.02	8.66	2.8	190	0.59	0.02	2.18	0.05	12.85	13.8	28	0.93	8.4	3.24
D295204		0.56	0.01	1.23	1.7	60	0.13	0.03	0.83	0.03	9.45	4.2	27	0.11	1.7	1.19
D295205		0.60	0.02	7.30	2.6	100	0.39	0.01	4.33	0.16	7.44	54.1	95	0.67	111.5	9.80
D295206		0.66	0.02	7.45	2.8	20	0.36	0.01	5.04	0.08	10.70	48.0	82	0.17	108.5	10.35
D295207		0.66	0.05	7.14	12.0	110	0.26	0.01	4.96	0.21	4.39	54.5	143	0.78	134.5	8.93
D295208		0.93	0.03	1.49	1.8	30	0.23	0.01	1.80	0.02	1.83	6.5	34	0.12	31.1	1.45
D295209		0.87	0.01	1.37	4.1	30	0.15	<0.01	0.27	0.06	3.03	1.6	38	0.07	1.5	0.65
D295210		0.78	0.04	7.64	6.6	10	0.14	0.01	5.81	0.07	10.00	44.2	130	0.08	116.5	9.41
D295211		1.85	0.02	4.82	84.9	100	0.05	0.28	4.22	0.28	23.5	12.5	16	0.32	59.0	9.68
D295212		1.76	0.07	5.46	2.1	30	0.46	0.01	5.74	0.10	9.37	24.6	84	0.14	86.6	5.94
D295213		1.71	0.01	3.24	1.4	30	0.11	<0.01	11.85	0.22	15.45	18.5	44	0.20	23.4	4.47
D295214		0.82	0.04	6.97	3.1	20	0.27	0.01	5.69	0.08	8.49	41.6	98	0.13	112.0	9.13
D295215		1.05	0.06	8.35	7.2	130	0.53	0.06	4.62	0.09	7.88	62.6	133	0.51	185.5	12.60
D295216		0.68	0.02	1.00	1.1	20	<0.05	<0.01	2.76	0.08	20.9	5.9	33	0.06	57.4	2.11
D295217		1.01	<0.01	0.15	0.3	10	<0.05	0.01	0.03	<0.02	3.70	0.3	37	0.06	1.9	0.40
D295218		0.62	0.01	5.84	0.4	390	0.93	0.03	0.18	0.02	48.6	3.4	12	0.98	1.6	2.16
D295219		0.89	<0.01	0.17	0.4	10	<0.05	0.01	0.01	<0.02	2.06	0.2	30	0.06	1.5	0.33
D295220		0.63	0.01	8.17	1.3	790	1.16	0.03	4.55	0.05	68.9	27.4	75	3.40	4.2	8.51
D295221		1.25	<0.01	2.08	0.5	30	0.25	0.01	0.13	<0.02	7.92	2.3	31	0.06	6.3	1.29
D295222		0.98	0.02	3.52	1.0	170	0.61	0.08	0.31	0.04	15.05	0.3	20	0.17	1.5	0.88
D295223		0.72	<0.01	0.69	0.5	<10	0.07	0.01	0.17	<0.02	1.02	0.3	23	<0.05	0.7	0.38
D295224		0.55	<0.01	0.29	1.5	10	<0.05	0.01	0.17	<0.02	1.18	0.4	33	0.05	1.3	0.43
D295225		0.71	0.45	0.75	4.1	70	0.11	0.01	1.82	0.21	7.72	3.2	35	<0.05	168.0	0.66
D295226		0.83	0.12	8.14	8.9	150	0.82	0.03	2.55	0.07	18.65	41.4	120	2.78	49.4	5.77
D295227		0.34	0.02	1.11	0.6	10	0.06	0.02	0.17	0.06	2.32	1.6	24	0.37	1.6	0.70
D295228		1.72	0.16	4.85	1.1	50	0.49	0.12	0.59	<0.02	18.60	3.0	38	1.12	54.9	23.0
D295229		1.24	0.03	6.51	0.9	230	0.98	0.55	0.31	0.04	63.7	1.6	5	1.07	9.3	1.55
D295230		0.82	0.14	0.08	0.8	<10	<0.05	0.04	0.03	0.02	0.86	0.9	48	<0.05	114.5	0.45
D295231		1.29	<0.01	0.68	5.7	10	<0.05	0.01	0.23	<0.02	0.28	0.6	41	<0.05	1.1	0.38
D295232		0.65	0.01	9.08	1.5	130	0.41	0.04	3.82	0.06	17.65	28.7	67	0.78	0.8	5.57
D295233		0.94	0.07	6.52	0.9	240	0.82	0.13	0.77	0.06	30.5	10.7	21	1.14	29.3	12.60
D295234		0.88	0.08	6.66	2.1	40	0.36	0.04	4.97	0.16	12.00	58.8	3	0.43	268	12.00
D295235		0.69	0.03	8.56	1.5	310	0.66	0.12	0.41	<0.02	5.16	1.2	30	2.61	14.2	3.20
D295236		0.62	<0.01	0.76	1.9	30	0.06	0.01	0.22	0.02	1.62	2.7	36	0.12	3.8	0.71
D295237		1.20	0.01	0.09	0.5	<10	<0.05	0.01	0.09	<0.02	0.62	0.8	39	<0.05	3.9	0.57
D295238		0.80	0.11	7.39	1.2	430	0.47	0.15	0.30	<0.02	7.70	13.1	35	1.47	59.5	8.19

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 3 – B  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
D295113		20.1	0.07	2.6	0.053	0.46	9.1	62.0	2.92	949	0.18	0.72	5.1	239	1020	6.2
D295114		16.90	0.13	5.2	0.060	1.32	33.0	10.7	0.43	382	1.70	2.69	13.7	2.0	250	5.5
D295201		18.50	0.06	0.6	0.056	0.03	2.3	10.2	3.62	1370	0.29	0.24	2.0	128.5	260	0.7
D295202		16.10	0.07	2.2	0.055	1.72	4.5	8.6	0.74	225	0.56	1.62	1.9	6.5	220	4.7
D295203		20.0	0.08	2.1	0.032	0.83	6.0	10.7	1.44	487	0.30	3.60	1.4	31.5	280	2.7
D295204		2.64	<0.05	0.3	0.007	0.11	4.5	2.2	0.46	264	0.11	0.22	0.3	11.1	380	1.3
D295205		15.10	0.06	1.0	0.062	0.23	2.7	20.7	3.69	1740	0.06	1.67	1.8	147.0	310	1.4
D295206		16.70	0.07	1.1	0.075	0.01	3.9	18.4	3.75	1500	0.16	1.79	2.4	70.5	430	<0.5
D295207		14.60	0.05	0.8	0.053	0.35	1.5	29.9	3.11	1520	0.05	1.06	1.6	105.5	300	1.5
D295208		2.29	<0.05	0.1	<0.005	0.08	0.9	3.6	0.35	556	0.13	0.48	0.4	14.9	150	1.5
D295209		2.12	<0.05	0.4	0.007	0.10	1.2	2.4	0.14	121	0.18	0.60	0.4	4.0	100	0.7
D295210		17.00	0.06	0.3	0.066	0.02	3.7	25.9	4.16	1240	0.14	0.79	2.8	93.4	380	0.8
D295211		12.10	0.05	1.8	0.109	0.12	10.7	2.2	0.99	1640	1.58	0.02	9.0	15.8	330	3.1
D295212		13.55	<0.05	0.7	0.038	0.05	4.1	15.3	2.45	967	0.19	1.75	1.5	55.7	220	0.8
D295213		6.69	0.05	0.6	0.067	0.06	5.6	9.9	1.57	2630	0.08	0.57	0.9	30.3	220	<0.5
D295214		15.45	0.05	1.5	0.058	0.02	3.1	16.5	2.98	1140	0.05	2.34	2.7	80.3	340	0.6
D295215		20.7	0.06	1.5	0.065	0.23	2.8	24.1	2.96	1520	<0.05	1.48	2.8	90.9	390	0.6
D295216		2.14	0.06	0.2	0.034	0.02	7.9	2.3	0.46	1080	0.12	0.20	0.4	8.2	50	<0.5
D295217		0.61	<0.05	0.1	<0.005	0.06	2.2	0.3	0.02	45	0.13	0.01	0.3	1.5	10	<0.5
D295218		17.15	0.10	3.6	0.043	2.34	18.8	4.3	0.28	464	0.36	1.62	10.9	3.0	240	1.5
D295219		0.41	<0.05	0.1	<0.005	0.06	1.0	0.3	0.01	37	0.15	0.03	0.2	1.4	20	0.6
D295220		29.9	0.16	4.2	0.131	4.01	28.9	24.5	2.74	1550	0.95	0.16	17.1	75.0	1890	1.5
D295221		4.64	<0.05	1.0	0.012	0.15	3.4	1.3	0.26	170	0.20	0.45	1.6	4.6	140	0.6
D295222		10.35	0.06	3.8	0.020	0.77	6.2	1.6	0.04	92	0.46	1.58	9.0	0.6	40	1.8
D295223		1.24	<0.05	0.1	<0.005	0.02	0.5	0.4	0.04	63	1.12	0.39	0.1	1.1	60	<0.5
D295224		0.60	<0.05	0.1	<0.005	0.05	0.7	0.6	0.03	67	0.12	0.12	1.9	1.2	420	<0.5
D295225		1.74	0.07	0.1	0.013	0.08	3.8	2.3	0.30	216	0.13	0.21	0.6	16.2	70	0.9
D295226		18.80	0.07	2.8	0.032	0.77	7.5	55.5	1.92	209	2.10	1.13	1.1	184.0	580	6.9
D295227		1.58	<0.05	0.2	<0.005	0.12	1.0	6.1	0.16	130	0.24	0.17	0.2	8.0	40	1.4
D295228		13.00	0.11	2.1	0.029	0.49	8.7	6.9	1.27	1560	1.04	0.67	3.6	10.1	480	4.5
D295229		17.50	0.09	5.0	0.063	2.29	27.3	12.8	0.43	354	0.30	0.34	10.1	4.1	90	6.1
D295230		0.26	0.05	0.1	0.012	0.01	<0.5	0.4	0.02	48	0.53	0.01	0.1	1.6	30	<0.5
D295231		0.68	<0.05	<0.1	<0.005	0.01	<0.5	1.3	0.05	67	0.13	0.32	0.2	1.7	10	<0.5
D295232		18.60	0.07	1.4	0.054	0.54	7.2	12.3	3.01	866	0.08	3.43	4.2	101.5	650	2.8
D295233		15.05	0.08	3.3	0.032	0.88	18.0	11.4	0.96	4160	1.14	1.41	8.1	16.3	570	4.0
D295234		20.7	0.07	1.1	0.077	0.07	4.4	11.4	2.84	1700	0.10	1.76	3.7	44.7	400	1.1
D295235		20.2	0.06	4.1	0.049	2.77	2.1	11.5	0.53	410	1.16	0.66	3.9	2.0	220	4.9
D295236		1.53	<0.05	0.2	<0.005	0.07	0.8	2.0	0.24	108	0.10	0.22	0.3	9.3	50	<0.5
D295237		0.31	<0.05	<0.1	<0.005	0.01	<0.5	0.4	0.03	124	0.11	0.01	0.3	1.7	20	<0.5
D295238		16.85	0.07	3.3	0.043	2.09	3.0	8.8	0.75	986	1.06	0.67	6.3	14.1	300	2.2

Comments: Dispatch 21FC-001





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 3 – C  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		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
D295113		4.0	<0.002	0.05	1.92	24.9	1	0.7	68.7	0.33	<0.05	0.88	0.585	0.07	0.3	179
D295114		29.5	<0.002	0.31	0.32	8.0	1	1.5	131.5	0.88	<0.05	5.71	0.196	0.19	1.2	21
D295201		1.5	0.002	0.01	6.91	36.1	1	0.4	100.5	0.12	<0.05	0.22	0.461	<0.02	0.1	230
D295202		48.3	<0.002	0.07	0.76	3.1	1	0.9	51.6	0.16	0.19	1.74	0.126	0.34	0.5	25
D295203		19.2	<0.002	0.05	0.77	8.3	<1	0.4	281	0.10	<0.05	1.38	0.119	0.15	0.3	59
D295204		3.3	<0.002	0.01	0.22	2.2	<1	<0.2	63.9	<0.05	<0.05	0.74	0.019	0.02	0.2	24
D295205		3.5	<0.002	0.04	2.28	34.9	1	0.4	111.0	0.13	<0.05	0.26	0.427	0.05	0.1	237
D295206		0.4	<0.002	0.08	1.44	41.1	1	0.4	75.7	0.19	<0.05	0.33	0.636	<0.02	0.1	294
D295207		4.1	<0.002	0.01	1.34	35.1	1	0.3	122.5	0.10	<0.05	0.14	0.398	0.06	<0.1	233
D295208		3.0	<0.002	0.01	0.24	2.1	<1	<0.2	31.5	<0.05	<0.05	0.24	0.038	0.02	0.1	20
D295209		2.5	<0.002	<0.01	0.47	2.7	<1	<0.2	46.8	<0.05	<0.05	0.30	0.044	0.02	0.1	18
D295210		0.2	<0.002	0.11	2.54	36.4	1	0.6	163.0	0.17	<0.05	0.31	0.658	<0.02	0.1	287
D295211		5.4	<0.002	0.24	1.21	14.3	2	2.2	109.0	0.58	0.42	2.69	0.151	0.02	0.7	61
D295212		1.6	<0.002	0.03	0.73	21.9	1	0.2	221	0.09	<0.05	0.19	0.322	<0.02	0.2	212
D295213		2.5	<0.002	<0.01	0.54	43.1	<1	0.2	154.5	0.06	<0.05	0.17	0.196	<0.02	<0.1	107
D295214		0.8	<0.002	0.11	0.87	36.6	1	0.5	115.0	0.17	<0.05	0.26	0.576	<0.02	0.1	257
D295215		2.7	0.003	0.81	0.89	52.5	3	0.6	118.5	0.17	0.09	0.27	0.585	0.02	0.1	355
D295216		0.6	<0.002	0.03	0.59	37.3	<1	<0.2	20.7	<0.05	<0.05	0.06	0.077	<0.02	<0.1	37
D295217		2.0	<0.002	<0.01	0.23	0.3	<1	<0.2	1.8	<0.05	<0.05	0.09	0.007	<0.02	<0.1	3
D295218		77.9	<0.002	<0.01	0.25	6.0	<1	2.0	54.9	0.70	<0.05	3.55	0.159	0.24	0.7	14
D295219		1.5	<0.002	<0.01	0.16	0.2	<1	<0.2	3.3	<0.05	<0.05	0.14	0.006	0.02	<0.1	2
D295220		115.0	<0.002	<0.01	0.36	24.1	1	4.6	61.6	0.90	<0.05	2.03	0.857	0.57	0.7	170
D295221		3.7	<0.002	<0.01	0.15	1.3	<1	0.3	73.5	0.20	<0.05	0.88	0.071	0.02	0.3	11
D295222		14.5	<0.002	0.01	0.09	2.9	<1	1.0	29.8	0.67	0.05	4.39	0.057	0.04	0.9	1
D295223		0.5	<0.002	<0.01	0.07	0.2	<1	<0.2	10.8	<0.05	<0.05	0.07	0.005	<0.02	<0.1	3
D295224		1.9	<0.002	<0.01	0.07	0.3	<1	0.2	7.7	0.09	<0.05	0.09	0.059	<0.02	<0.1	2
D295225		1.7	<0.002	0.02	0.06	1.8	1	<0.2	26.9	<0.05	<0.05	0.17	0.039	<0.02	<0.1	13
D295226		9.7	<0.002	3.33	1.87	17.4	1	0.4	137.0	0.08	<0.05	1.40	0.114	0.21	0.3	125
D295227		2.5	<0.002	0.01	0.40	1.0	<1	<0.2	21.6	<0.05	<0.05	0.13	0.017	0.02	<0.1	9
D295228		19.6	<0.002	0.36	0.34	9.7	1	0.5	149.0	0.28	<0.05	1.73	0.339	0.15	0.5	98
D295229		49.4	<0.002	<0.01	0.25	3.5	<1	3.1	35.4	0.76	<0.05	6.03	0.080	0.34	1.2	7
D295230		0.4	<0.002	0.02	0.12	0.2	<1	<0.2	2.2	<0.05	<0.05	0.05	0.007	<0.02	<0.1	2
D295231		0.1	<0.002	<0.01	0.31	0.4	1	<0.2	20.3	<0.05	<0.05	0.02	0.034	<0.02	<0.1	4
D295232		11.7	<0.002	<0.01	0.56	17.0	<1	1.1	252	0.27	<0.05	0.90	0.493	0.10	0.3	143
D295233		35.3	<0.002	0.09	0.45	8.9	1	1.1	181.0	0.55	<0.05	3.44	0.395	0.28	0.9	58
D295234		7.8	<0.002	0.05	0.73	37.2	1	0.7	105.5	0.23	0.08	0.41	0.963	0.02	0.1	660
D295235		99.2	<0.002	0.04	0.66	12.1	1	1.4	158.0	0.28	0.05	3.12	0.240	0.66	0.8	76
D295236		2.4	<0.002	0.02	0.28	1.3	<1	<0.2	19.4	<0.05	<0.05	0.12	0.031	0.02	<0.1	12
D295237		0.3	<0.002	<0.01	0.07	0.5	<1	<0.2	1.5	<0.05	<0.05	0.01	0.226	<0.02	<0.1	8
D295238		60.3	<0.002	1.04	0.43	10.7	1	1.6	69.6	0.44	<0.05	2.94	0.336	0.22	0.7	74

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 3 – D  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-AA25
		W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Au ppm 0.01
D295113		0.4	11.6	139	111.0	<0.01
D295114		0.2	25.5	45	179.5	<0.01
D295201		0.5	16.9	83	20.7	<0.01
D295202		2.1	5.8	106	83.9	<0.01
D295203		0.1	6.2	72	82.5	<0.01
D295204		0.3	1.6	19	13.4	<0.01
D295205		3.0	4.9	114	36.4	0.01
D295206		0.1	17.5	99	52.3	<0.01
D295207		0.6	3.6	132	27.4	0.01
D295208		0.2	1.1	14	2.6	<0.01
D295209		0.1	1.3	7	16.2	<0.01
D295210		0.5	20.6	101	6.5	<0.01
D295211		0.4	13.6	161	68.1	<0.01
D295212		0.3	8.0	63	31.2	<0.01
D295213		0.4	19.1	48	20.8	<0.01
D295214		0.6	7.6	103	50.5	0.02
D295215		1.1	7.3	146	54.2	0.01
D295216		0.2	6.9	21	6.5	0.02
D295217		0.1	0.6	<2	4.3	<0.01
D295218		2.4	11.0	14	110.5	<0.01
D295219		0.1	0.4	2	4.2	<0.01
D295220		3.8	21.9	100	165.5	<0.01
D295221		0.4	2.8	25	41.8	<0.01
D295222		1.3	9.6	13	134.5	<0.01
D295223		<0.1	0.4	3	2.3	<0.01
D295224		0.2	0.8	3	3.8	<0.01
D295225		<0.1	1.7	12	4.4	<0.01
D295226		0.6	6.5	82	107.5	0.01
D295227		0.1	0.9	9	8.5	<0.01
D295228		0.3	9.2	49	86.1	<0.01
D295229		0.2	14.7	48	160.5	<0.01
D295230		0.2	0.3	<2	2.1	0.05
D295231		0.1	0.3	2	<0.5	<0.01
D295232		0.3	11.2	84	61.4	<0.01
D295233		0.6	13.2	52	132.0	<0.01
D295234		1.1	22.2	113	35.8	0.01
D295235		0.4	8.8	45	165.5	0.04
D295236		<0.1	0.9	8	6.4	<0.01
D295237		<0.1	0.4	4	0.5	<0.01
D295238		0.6	10.1	55	131.0	<0.01

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 4 – A  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	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
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	1	0.05	0.2	0.01	
D295239		1.14	0.01	1.35	1.7	20	0.06	0.01	0.33	<0.02	2.97	2.8	50	0.08	5.1	0.73
D295240		0.61	0.03	0.06	1.9	<10	<0.05	0.01	0.01	<0.02	0.26	0.2	31	<0.05	4.5	0.25
D295241		1.06	0.33	6.04	5.3	170	0.68	0.27	1.22	0.14	42.1	18.0	17	0.55	46.1	8.32
D295242		0.87	0.01	0.09	0.5	<10	<0.05	0.02	0.03	<0.02	0.44	0.3	30	<0.05	0.6	0.26
D295243		0.82	0.02	4.48	0.6	220	0.63	0.11	5.05	0.17	52.4	5.4	12	0.85	4.1	2.35
D295244		0.79	0.04	8.08	0.9	140	0.61	0.05	3.94	0.05	26.4	25.8	40	1.55	45.2	7.44
D295301		1.96	0.05	6.16	6.6	30	0.16	0.04	4.82	0.11	6.37	48.5	145	0.64	121.0	8.02
D295302		1.17	0.03	2.71	5.0	40	0.14	0.02	6.71	0.13	2.77	15.2	57	0.57	55.1	3.59
D295303		0.69	0.01	7.84	1.1	310	0.65	0.05	0.50	0.13	52.8	13.3	38	1.54	10.7	3.19
D295304		0.84	<0.01	6.41	0.7	440	1.18	0.02	0.19	0.04	54.4	3.6	4	0.89	3.3	2.77
D295305		1.21	0.02	2.62	3.0	20	0.09	0.01	1.60	0.12	3.32	15.8	89	0.14	31.6	2.59
D295306		1.10	0.02	7.79	30.0	80	0.36	0.01	3.70	0.13	31.9	23.5	87	0.17	21.0	4.74
D295307		0.99	0.05	7.65	23.5	110	0.45	0.01	3.25	0.11	31.7	27.2	83	0.20	28.2	5.16
D295308		1.68	0.01	4.80	3.3	40	0.15	0.01	10.35	0.03	4.95	27.7	100	0.28	24.0	5.50
D295309		1.70	<0.01	0.04	3.1	<10	<0.05	0.01	0.10	<0.02	0.24	0.3	37	<0.05	1.2	0.35
D295310		1.67	<0.01	1.30	6.5	40	0.07	0.01	2.42	0.02	1.74	3.9	44	0.06	7.4	0.97
D295311		0.77	0.03	0.98	6.1	90	0.26	0.07	0.34	0.03	5.26	1.1	41	0.12	4.3	0.66
D295312		0.80	0.03	7.32	4.9	20	0.13	0.01	6.16	0.09	5.97	37.2	160	0.13	68.2	6.95
D295313		0.47	0.02	7.59	2.6	140	0.25	0.01	1.41	0.12	12.80	60.6	72	7.12	126.5	10.45
D295314		0.91	0.17	0.48	0.8	10	<0.05	0.03	0.43	0.12	2.71	1.6	32	0.10	129.0	0.53
D295315		2.26	0.05	5.82	1.2	130	0.40	0.14	0.52	0.02	9.19	4.8	45	1.28	71.3	20.0
D295316		2.06	0.02	1.17	0.7	40	0.06	0.02	0.07	0.02	5.73	3.7	43	0.22	12.8	2.67
D295317		0.80	0.01	2.32	1.7	20	0.17	0.06	1.29	0.03	7.31	10.2	28	0.16	1.6	3.45
D295318		2.78	0.02	0.48	0.7	20	<0.05	0.04	3.72	0.09	2.81	3.9	40	<0.05	1.4	1.68
D295319		2.27	0.04	0.35	0.6	20	<0.05	0.02	1.04	0.03	1.57	1.1	46	0.07	3.6	0.46
D295320		0.50	0.04	7.51	4.4	60	0.24	0.03	6.99	0.24	8.09	43.5	185	0.99	165.5	7.60
D295321		1.00	0.04	7.76	6.6	50	0.71	0.11	4.12	0.13	58.9	23.7	74	0.56	50.0	5.97
D295322		1.17	0.11	9.03	1.3	490	0.85	0.18	0.73	<0.02	10.40	0.9	38	3.59	18.3	2.57
D295323		1.26	0.02	7.83	5.2	40	0.43	0.03	5.45	0.10	10.70	44.0	139	0.44	92.4	8.89
D295324		1.48	0.02	11.50	75.5	480	1.08	0.02	0.23	<0.02	11.90	1.0	47	3.67	9.9	2.27
D295325		0.57	<0.01	1.08	1.7	60	0.06	0.01	0.67	0.03	4.40	5.3	28	0.26	4.5	2.23
D295326		2.13	0.18	7.62	47.6	210	1.15	0.16	1.60	<0.02	15.75	1.5	27	1.32	8.5	2.76
D295327		1.11	0.04	3.68	1.6	30	0.33	0.07	0.82	0.06	16.80	20.9	57	0.31	55.6	7.45
D295328		1.88	0.02	1.44	0.6	70	0.07	0.01	1.02	0.02	4.98	3.0	34	0.24	5.5	0.90
D295329		1.07	0.06	6.99	0.9	390	0.81	0.06	2.36	0.17	22.8	15.6	18	1.29	35.3	4.33
D295330		2.93	0.02	1.97	1.3	30	0.22	0.08	1.64	0.02	19.60	10.2	29	0.24	31.9	2.50
D295331		1.46	0.01	6.77	0.5	140	1.25	0.07	1.92	0.03	73.3	23.5	9	0.75	1.7	8.54
D295332		1.91	0.29	4.79	2.7	190	0.89	0.22	1.61	1.84	60.3	8.1	19	1.51	28.4	2.99
D295333		0.30	0.02	0.12	0.8	10	<0.05	0.01	0.23	0.02	1.73	0.5	19	0.05	1.0	0.35
D295334		1.40	0.01	1.07	1.4	20	0.17	0.01	1.83	0.06	5.06	3.4	50	<0.05	1.8	1.15

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 4 – B  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
D295239		2.28	<0.05	0.1	<0.005	0.05	1.5	1.2	0.32	90	0.28	0.22	0.2	11.9	60	0.5
D295240		0.15	<0.05	<0.1	<0.005	0.01	<0.5	0.2	0.01	30	0.11	0.01	<0.1	1.2	10	<0.5
D295241		12.45	0.08	3.6	0.030	0.79	18.6	6.2	0.39	1280	1.03	3.00	6.4	20.1	460	5.7
D295242		0.22	<0.05	<0.1	<0.005	0.01	<0.5	0.3	0.01	49	0.12	0.01	<0.1	1.1	10	<0.5
D295243		13.20	0.09	3.5	0.039	1.46	23.7	7.2	2.26	684	0.57	0.39	3.9	24.7	80	4.1
D295244		21.4	0.08	3.4	0.062	0.78	10.7	15.8	0.64	1760	0.71	3.07	6.6	38.1	1170	2.7
D295301		11.75	0.06	0.7	0.048	0.19	2.3	20.5	4.48	1200	0.07	0.73	0.6	67.9	210	0.5
D295302		7.38	<0.05	0.3	0.024	0.15	1.1	7.9	1.39	852	0.22	0.44	0.2	29.7	130	<0.5
D295303		18.45	0.08	3.2	0.032	1.85	25.4	16.7	0.96	478	0.07	1.95	4.6	28.3	530	4.8
D295304		18.00	0.10	4.5	0.063	1.54	24.0	16.8	0.25	497	0.63	3.27	12.9	1.2	320	2.4
D295305		4.38	<0.05	0.1	0.014	0.03	1.2	5.9	1.22	615	0.09	0.67	0.4	40.2	150	0.7
D295306		16.35	0.08	2.5	0.030	0.05	13.6	1.2	1.27	1000	0.59	6.36	6.2	70.6	1150	4.6
D295307		14.20	0.07	3.1	0.038	0.09	13.4	3.4	1.46	929	2.66	6.16	7.3	76.9	990	5.4
D295308		9.36	<0.05	0.1	0.030	0.23	1.7	13.4	2.37	1000	0.10	0.81	1.7	70.2	180	0.9
D295309		0.11	<0.05	<0.1	<0.005	0.01	<0.5	0.2	0.01	46	0.12	0.02	<0.1	1.2	10	<0.5
D295310		2.02	<0.05	0.2	0.009	0.11	0.7	1.6	0.18	387	0.17	0.39	0.5	8.6	100	<0.5
D295311		1.49	<0.05	0.2	<0.005	0.20	2.7	2.5	0.13	145	0.49	0.36	0.4	4.2	90	6.4
D295312		12.00	0.05	0.4	0.043	0.02	2.0	7.5	4.25	1180	0.19	0.67	1.4	134.0	210	1.3
D295313		20.8	0.07	1.1	0.076	0.58	4.5	18.6	3.74	1680	0.28	1.69	3.7	86.2	300	1.3
D295314		0.80	<0.05	0.1	0.019	0.02	1.5	1.2	0.16	152	0.17	0.04	0.1	9.0	40	0.8
D295315		14.15	0.12	2.6	0.037	0.88	4.4	8.3	1.32	1900	0.57	0.59	4.6	14.6	520	4.1
D295316		2.41	<0.05	0.4	0.008	0.20	2.7	3.6	0.31	814	0.21	0.06	0.7	9.9	80	0.7
D295317		4.61	<0.05	0.1	0.014	0.05	3.5	6.9	1.00	850	0.13	0.35	1.1	17.3	270	1.1
D295318		1.08	<0.05	0.1	0.005	0.01	1.6	0.5	1.56	629	0.20	0.04	0.1	19.8	40	1.3
D295319		1.05	0.06	0.1	0.006	0.08	0.7	1.4	0.07	192	0.19	0.03	0.1	1.9	40	0.9
D295320		14.00	0.06	0.5	0.059	0.17	2.8	11.6	3.16	1470	0.16	1.18	1.8	101.0	270	2.0
D295321		16.40	0.09	2.1	0.049	0.12	25.0	17.4	2.75	965	0.42	2.11	11.0	71.8	1500	4.9
D295322		22.4	0.08	4.2	0.049	3.35	7.1	19.6	0.40	142	0.98	1.25	2.9	1.4	270	5.6
D295323		16.25	0.07	0.2	0.077	0.10	4.0	16.8	2.27	1520	0.15	1.97	2.9	93.1	330	1.0
D295324		29.6	0.10	6.0	0.064	5.13	8.4	14.7	0.21	357	0.98	0.75	8.8	4.5	320	5.7
D295325		2.97	0.05	0.4	0.010	0.10	1.4	7.1	0.34	936	0.12	0.04	1.0	13.2	140	0.7
D295326		19.20	0.08	4.4	0.031	0.92	8.8	12.0	0.43	587	1.20	2.83	7.3	3.2	280	7.6
D295327		9.59	0.07	1.5	0.031	0.13	6.3	25.1	1.04	2730	0.46	0.52	3.2	51.1	370	1.3
D295328		3.32	0.05	0.3	0.006	0.57	2.4	3.2	0.23	118	0.11	0.05	0.9	8.5	80	0.8
D295329		16.50	0.09	2.8	0.034	1.47	10.0	16.1	1.16	984	0.72	0.93	4.0	25.0	630	14.1
D295330		5.41	0.06	1.4	0.021	0.11	9.1	4.4	0.41	363	0.56	0.88	3.2	5.9	470	2.1
D295331		21.2	0.13	6.0	0.091	0.69	34.0	13.7	1.23	811	0.35	2.80	12.1	2.9	1800	2.4
D295332		14.00	0.12	3.8	0.111	1.30	28.2	23.7	0.73	688	0.66	0.47	8.6	11.2	90	23.7
D295333		0.29	<0.05	<0.1	<0.005	0.03	0.9	0.7	0.05	85	0.07	0.03	0.1	2.5	10	0.6
D295334		2.08	0.05	0.6	<0.005	0.02	2.5	0.8	0.88	320	0.21	0.09	0.4	19.5	60	1.0

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 4 – C  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		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
D295239		1.6	<0.002	<0.01	0.15	0.9	<1	<0.2	45.5	<0.05	<0.05	0.06	0.024	<0.02	<0.1	36
D295240		0.4	<0.002	<0.01	0.20	0.1	1	<0.2	1.6	<0.05	<0.05	0.02	<0.005	<0.02	<0.1	1
D295241		22.9	<0.002	3.12	0.46	7.7	1	0.7	116.0	0.43	0.05	2.87	0.259	0.13	0.7	37
D295242		0.3	<0.002	<0.01	0.12	0.1	1	<0.2	4.0	<0.05	<0.05	0.02	<0.005	<0.02	<0.1	2
D295243		35.1	<0.002	<0.01	0.26	3.3	<1	1.0	52.5	0.32	<0.05	3.75	0.043	0.22	0.9	12
D295244		22.7	<0.002	0.41	0.31	17.0	1	1.0	199.5	0.43	0.07	1.56	0.876	0.26	0.5	154
D295301		5.6	<0.002	0.45	1.36	31.0	1	0.3	105.0	<0.05	0.17	0.19	0.126	0.03	<0.1	190
D295302		5.5	0.002	0.12	0.67	12.4	1	<0.2	72.2	<0.05	0.09	0.08	0.054	0.03	<0.1	106
D295303		60.4	<0.002	0.01	0.88	11.2	<1	0.9	137.0	0.34	<0.05	2.89	0.237	0.24	0.7	83
D295304		50.8	<0.002	<0.01	0.12	6.6	<1	1.8	61.5	0.83	<0.05	4.59	0.195	0.15	1.1	14
D295305		1.0	<0.002	0.06	0.30	8.6	1	<0.2	23.2	<0.05	<0.05	0.20	0.087	<0.02	0.1	77
D295306		2.1	<0.002	0.02	2.10	16.4	<1	0.7	326	0.36	<0.05	1.04	0.507	0.02	0.4	107
D295307		1.6	<0.002	0.01	2.55	19.5	1	0.8	378	0.42	<0.05	1.06	0.551	<0.02	0.5	90
D295308		7.8	<0.002	<0.01	0.62	20.5	<1	0.3	58.5	0.10	<0.05	0.16	0.333	0.05	<0.1	156
D295309		0.2	<0.002	<0.01	0.50	0.1	<1	<0.2	3.0	<0.05	<0.05	0.01	<0.005	<0.02	<0.1	2
D295310		1.9	<0.002	0.01	0.40	4.0	1	0.2	34.6	<0.05	<0.05	0.05	0.144	<0.02	<0.1	31
D295311		7.6	<0.002	0.01	0.58	0.6	<1	<0.2	54.2	<0.05	<0.05	0.79	0.017	0.05	0.3	6
D295312		0.5	<0.002	0.03	1.16	25.4	1	0.3	136.0	0.09	<0.05	0.15	0.345	<0.02	<0.1	185
D295313		48.8	<0.002	0.01	0.57	38.6	1	0.6	65.7	0.24	<0.05	0.44	0.654	0.21	0.1	293
D295314		0.6	<0.002	0.01	0.30	0.7	<1	<0.2	5.3	<0.05	<0.05	0.06	0.011	<0.02	<0.1	9
D295315		24.4	<0.002	0.15	0.30	13.0	1	1.2	146.0	0.35	<0.05	2.09	0.401	0.26	0.6	122
D295316		6.6	<0.002	0.03	0.21	2.1	1	0.2	11.9	0.05	<0.05	0.46	0.071	0.06	0.1	20
D295317		1.9	<0.002	<0.01	0.17	2.7	<1	0.2	60.4	0.06	<0.05	0.37	0.123	<0.02	0.1	32
D295318		0.2	<0.002	<0.01	0.22	1.1	<1	<0.2	13.4	<0.05	<0.05	0.08	0.008	<0.02	<0.1	12
D295319		2.5	<0.002	<0.01	0.15	1.0	<1	<0.2	20.0	<0.05	<0.05	0.07	0.014	0.02	<0.1	12
D295320		7.7	0.002	0.21	2.69	34.3	2	0.5	156.0	0.12	0.08	0.34	0.442	0.05	0.1	232
D295321		5.2	<0.002	0.03	1.84	15.8	<1	1.0	273	0.60	<0.05	2.23	0.627	0.03	0.5	131
D295322		112.0	<0.002	0.26	0.81	14.0	1	1.3	157.5	0.22	<0.05	3.26	0.196	0.58	0.8	93
D295323		3.2	<0.002	0.09	0.66	38.7	1	0.7	138.5	0.18	<0.05	0.32	0.620	<0.02	0.1	279
D295324		160.0	<0.002	0.20	0.68	19.9	1	2.4	189.0	0.65	<0.05	5.18	0.437	1.11	1.3	126
D295325		4.2	<0.002	0.01	0.25	3.0	1	0.2	11.4	0.06	<0.05	0.22	0.083	0.02	0.1	23
D295326		37.2	<0.002	0.42	0.52	11.2	<1	1.0	285	0.54	<0.05	2.79	0.377	0.25	1.0	65
D295327		5.2	<0.002	0.20	0.30	10.0	1	0.2	50.7	0.20	<0.05	0.80	0.298	0.04	0.2	74
D295328		11.7	<0.002	<0.01	0.11	2.2	1	0.2	12.1	0.07	<0.05	0.48	0.065	0.04	0.1	19
D295329		33.2	<0.002	0.01	0.62	13.3	1	0.7	212	0.32	<0.05	1.85	0.463	0.24	0.5	87
D295330		4.1	<0.002	0.01	0.17	5.7	1	0.4	34.6	0.20	<0.05	0.97	0.258	0.04	0.2	31
D295331		21.8	<0.002	<0.01	0.16	17.3	<1	1.6	110.5	0.75	<0.05	4.36	0.733	0.10	1.0	30
D295332		35.6	<0.002	0.26	0.98	4.6	1	1.4	58.6	0.60	<0.05	4.04	0.082	0.36	1.1	10
D295333		1.0	<0.002	<0.01	0.17	0.2	1	<0.2	6.8	<0.05	<0.05	0.04	<0.005	<0.02	<0.1	2
D295334		0.4	<0.002	<0.01	0.35	2.0	1	<0.2	21.3	<0.05	<0.05	0.29	0.032	<0.02	0.3	22

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 604 984 0221 Fax: +1 604 984 0218  
 www.alsglobal.com/geochemistry

To: ETHOS GOLD  
 SUITE 1430 – 800 WEST PENDER STREET  
 VANCOUVER BC V6C 2V6

Page: 4 – D  
 Total # Pages: 4 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 9–JUN–2021  
 Account: GOLETH

Project: Fairchild

CERTIFICATE OF ANALYSIS TB21129355
------------------------------------

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-AA25
		W	Y	Zn	Zr	Au
		ppm	ppm	ppm	ppm	ppm
		0.1	0.1	2	0.5	0.01
D295239		<0.1	0.5	8	2.7	<0.01
D295240		<0.1	0.1	<2	0.8	<0.01
D295241		0.3	12.5	52	153.0	0.01
D295242		<0.1	0.1	3	0.7	<0.01
D295243		0.1	12.3	40	122.0	0.01
D295244		0.3	14.2	80	136.5	0.01
D295301		0.5	3.5	78	24.7	0.01
D295302		0.4	4.0	39	6.7	0.01
D295303		0.3	9.8	84	130.0	<0.01
D295304		0.7	9.8	57	162.0	<0.01
D295305		0.4	3.6	34	3.3	<0.01
D295306		56.4	7.7	66	114.5	<0.01
D295307		33.9	7.5	79	145.5	0.01
D295308		12.9	11.0	59	1.9	<0.01
D295309		0.1	0.2	<2	<0.5	<0.01
D295310		0.3	4.2	8	3.4	<0.01
D295311		0.1	0.6	12	6.5	0.01
D295312		0.1	13.2	71	16.7	<0.01
D295313		0.8	21.9	125	42.8	<0.01
D295314		<0.1	1.1	9	4.0	0.01
D295315		0.4	7.9	53	98.9	<0.01
D295316		0.1	2.6	14	15.2	<0.01
D295317		0.1	3.2	84	2.3	<0.01
D295318		0.1	1.3	27	3.5	<0.01
D295319		0.1	1.2	4	3.2	<0.01
D295320		0.4	16.7	83	4.2	<0.01
D295321		0.7	16.1	112	95.0	<0.01
D295322		0.4	9.3	20	161.5	<0.01
D295323		0.5	22.5	108	5.7	<0.01
D295324		0.9	7.5	17	231	<0.01
D295325		0.1	3.0	18	19.2	<0.01
D295326		0.8	11.0	38	174.0	<0.01
D295327		0.2	9.8	61	63.1	<0.01
D295328		0.3	2.1	12	12.2	<0.01
D295329		2.3	9.8	126	111.0	<0.01
D295330		0.8	8.4	22	56.0	<0.01
D295331		1.2	28.5	72	250	<0.01
D295332		0.5	18.1	561	127.5	<0.01
D295333		<0.1	0.5	4	1.6	<0.01
D295334		0.3	2.8	45	37.8	<0.01

Comments: Dispatch 21FC-001

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



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: +1 604 984 0221 Fax: +1 604 984 0218  
www.alsglobal.com/geochemistry

To: ETHOS GOLD  
SUITE 1430 – 800 WEST PENDER STREET  
VANCOUVER BC V6C 2V6

Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 9-JUN-2021  
Account: GOLETH

Project: Fairchild

**CERTIFICATE OF ANALYSIS TB21129355**

	<b>CERTIFICATE COMMENTS</b>								
	<p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Applies to Method: REEs may not be totally soluble in this method. ME-MS61</p>								
	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada</p> <table><tr><td>CRU-31</td><td>CRU-QC</td><td>LOG-21</td><td>PUL-31</td></tr><tr><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td><td></td></tr></table>	CRU-31	CRU-QC	LOG-21	PUL-31	PUL-QC	SPL-21	WEI-21	
CRU-31	CRU-QC	LOG-21	PUL-31						
PUL-QC	SPL-21	WEI-21							
	<p>Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Au-AA25</td><td>ME-MS61</td></tr></table>	Au-AA25	ME-MS61						
Au-AA25	ME-MS61								

# **Appendix B - Grab Sample Descriptions & Locations**



Sample Number	UTM Zone	Eastings	Northing	Date-Time	Description	Sampler	Exposure	Relief	Lithology
D295201	15U	638801	5581648	May 5, 2021 at 3:18:53 PM	Heavily sheared and carbonate blasted mafic volcanic. No visible sulphides. Sloughed off chunk so no structural measurement.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic
D295202	15U	638848	5581695	May 5, 2021 at 3:38:15 PM	Rusty sheared chlorite-sericite-silica altered mafic volcanic with fine grained disseminated pyrite. Zone at least 80cm wide in contact with chloritized shear. Thin sub-cm quartz veinettes. Sharp contact with unsilicified sheared chlorite-carbonate altered mafic volcanics.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic
D295203	15U	645275	5582477	May 6, 2021 at 12:16:19 PM	Foliated felsic volcanics with minor euhedral medium grained pyrite in carbonate stringers and with calcite pressure shadows.	RT	Outcrop	Moderate	Felsic volcanic, vein
D295204	15U	645481	5582486	May 6, 2021 at 1:32:57 PM	Quartz veins and veinettes in felsic volcanics, mostly parallel to foliation but also cutting and pygmatic with chlorite septa. Sulphides rusted out. Fabric not overly pronounced here. Sample of mostly quartz vein material.	RT	Outcrop	Moderate	Felsic volcanic, vein
D295205	15U	645528	5582663	May 6, 2021 at 2:40:18 PM	Rusty chlorite-calcite altered mafic volcanic. Fe-carbonate in stringers. Minor disseminated pyrite. Discontinuous 2cm quartz veins in outcrop.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic, vein
D295206	15U	641560	5581857	May 7, 2021 at 2:55:42 PM	Fine grained mafic volcanic with fine grained disseminated euhedral pyrite especially along shear planes. mm-scale carbonate blasts.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic
D295207	15U	641539	5581840	May 7, 2021 at 3:38:38 PM	Strongly sheared and carbonated mafic volcanic, minor pyrite.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic
D295208	15U	637265	5581471	May 8, 2021 at 11:11:23 AM	Unmineralized 10cm quartz vein with chloritized wallrock fragments, no visible sulphides in carbonate-chlorite altered conglomerate.	RT	Outcrop	Low	Conglomerate, vein
D295209	15U	637524	5581364	May 8, 2021 at 11:34:54 AM	Milky white barren quartz vein cutting through fabric at 025/70 in strongly deformed mafic volcanic at 070/80. S-crenulation roughly perpendicular to fabric. Z-crenulations also present. Chlorite-silica-carbonate altered mafic volcanics.	RT	Outcrop	Low	Mafic-ultramafic volcanic, vein
D295210	15U	637511	5581413	May 8, 2021 at 11:56:45 AM	Fine grained disseminated pyrite, euhedral and lenticular.	RT	Outcrop	Low	Mafic-ultramafic volcanic
D295211	15U	638831	5581678	May 5, 2021 at 2:57:04 PM	Sheared chlorite-carbonate altered mafic volcanics with thin amphibolized sulphidized bands with magnetite blasts. Milky white barren quartz veins; 5cm boudinaged with dextral offset.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic, vein
D295212	15U	638671	5581542	May 9, 2021 at 3:20:21 PM	2cm quartz vein with minor pyrite-pyrrhotite cutting mafic volcanics.	RT	Outcrop	Low	Mafic-ultramafic volcanic, vein
D295213	15U	638578	5581508	May 9, 2021 at 3:39:35 PM	White-tan quartz-carbonate vein from spalled off outcrop. No visible sulphides. Nearby quartz vein rubble. Nearby 5cm barren quartz vein cored by tourmaline.	RT	Outcrop	Low	Mafic-ultramafic volcanic, vein
D295214	15U	638526	5581502	May 9, 2021 at 4:05:24 PM	Thin seam of pyrite cutting foliation. Carbonate blasts in mafic volcanics.	RT	Subcrop	Low	Mafic-ultramafic volcanic
D295215	15U	638551	5581514	May 9, 2021 at 4:17:28 PM	Wkly silicified mafic volcanics with lenticular pyrite and a couple blebs of chalcopyrite.	RT	Subcrop	Low	Mafic-ultramafic volcanic
D295216	15U	638558	5581510	May 9, 2021 at 4:27:43 PM	Quartz vein float that came from up the hill. Interquartz chalcopyrite, 1-2mm blebs. Brown carbonate rinding vein.	RT	Angular Float	Low	Mafic-ultramafic volcanic, vein
D295217	15U	633228	5580195	May 11, 2021 at 1:26:16 PM	At least 2m wide milky quartz vein in weakly sheared intrusive. Low angle sweat off of granodiorite.	RT	Outcrop	Low	Felsic-intermediate intrusive, vein
D295218	15U	633235	5580192	May 11, 2021 at 1:42:48 PM	Wallrock to quartz vein, weakly sheared, chlorite altered. Minor rust.	RT	Outcrop	Low	Felsic-intermediate intrusive
D295219	15U	633187	5580200	May 11, 2021 at 2:10:07 PM	Milky quartz vein, approximately 2m wide, no sulphides, sheared immediate contact, no significant alteration selvage. Along strike with previous sample.	RT	Outcrop	Low	Felsic-intermediate intrusive, vein
D295220	15U	633185	5580198	May 11, 2021 at 2:12:43 PM	Wallrock to vein, strong chlorite, mylonitized wallrock clasts. Rusted out sulphides, quartz vein stringers.	RT	Outcrop	Low	Felsic-intermediate intrusive, vein
D295221	15U	633174	5580221	May 11, 2021 at 2:45:19 PM	Milky quartz vein in intrusive, no sulphides.	RT	Outcrop	Low	Felsic-intermediate intrusive, vein
D295222	15U	633532	5580248	May 11, 2021 at 3:05:17 PM	Barren quartz vein in rusty sheared intrusive.	RT	Outcrop	Low	Felsic-intermediate intrusive
D295223	15U	633578	5580238	May 11, 2021 at 3:18:26 PM	Weakly saccharoidal barren quartz vein, strung out in sheared intermediate volcanics. Bands and clots of acicular amphibole or tourmaline?	RT	Outcrop	Low	Intermediate volcanic, vein
D295224	15U	633522	5580213	May 11, 2021 at 3:45:10 PM	Quartz vein cutting amphibolitized intermediate volcanics. 15cm wide, no sulphides, late.	RT	Outcrop	Low	Intermediate volcanic, vein
D295225	15U	647850	5582523	May 12, 2021 at 12:23:13 PM	Sugary boudinaged 10cm quartz vein, several on outcrop. Barren.	RT	Outcrop	Low	Intermediate volcanic, vein
D295226	15U	634253	5580882	May 13, 2021 at 11:39:30 AM	Rusty sub-metre sheared intermediate volcanics with thin bands of fine grained pyrite and trace chalcopyrite. Along shore in heaved outcrop.	RT	Outcrop	Low	Intermediate volcanic
D295227	15U	634227	5580853	May 13, 2021 at 12:03:52 PM	5cm quartz vein in intermediates, follows foliation, Z-folded. Weathered out sulphides or carbonate?	RT	Outcrop	Low	Intermediate volcanic, vein
D295228	15U	634212	5580980	May 13, 2021 at 1:43:42 PM	sample of "bed" of very gossanous material on shore, multiple beds/bands. Similar to Zn showing described by Trusler. Alteration largely oxidation. Green-yellow submetallic sphalerite. Medium grained magnetite blasts.	RT	Outcrop	Low	Iron formation?
D295229	15U	635073	5580749	May 13, 2021 at 3:00:44 PM	Schistose chlorite-sericite-carbonate shear, minor rust. Quartz eyes.	RT	Outcrop	Low	Intermediate volcanic
D295230	15U	634286	5580522	May 14, 2021 at 10:50:43 AM	Sugary quartz-tourmaline vein set, 15cm and 30 cm. Traces of pyrite-chalcopyrite-sphalerite? 2mm curvey bleb of chalcopyrite rinded by sphalerite? or fine grained tourmaline. Tourmaline bands/septa throughout. Quartz veins toward contact with intermediates to south.	RT	Outcrop	Low	Mafic-ultramafic volcanic, vein
D295231	15U	633951	5581083	May 14, 2021 at 12:18:03 PM	Glassy to milky quartz vein with a couple of 1mm specks of pyrite sphalerite. In shear between conglomerate-arenite-mafic volcanics. Boudinaged, 30cm and less.	RT	Outcrop	Low	Mafic-ultramafic volcanic, vein
D295232	15U	632929	5580437	May 14, 2021 at 2:16:55 PM	Coarse grained mafic volcanic flow or gabbro cut by quartz-feldspar porphyry dike trending east-west. No visible sulphides.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic
D295233	15U	634335	5581009	May 15, 2021 at 11:21:35 AM	Rusty cleavage surfaces and disseminated fine-medium grained magnetite in psammite. Moderately foliated, breaks on cleavage. Heaved outcrop, so no structural measurement.	RT	Outcrop	Low	Arenaceous-argillaceous rock
D295234	15U	634468	5581047	May 15, 2021 at 11:54:18 AM	Rusty magnetic psammite, carbonated (calcite) flooded, very thin vein-like network. 2mm scattered blebs of oxide after pyrite?. Disseminated and medium grained.	RT	Outcrop	Moderate	Arenaceous-argillaceous rock, vein

Sample Number	UTM Zone	Easting	Northing	Date-Time	Description	Sampler	Exposure	Relief	Lithology
D295235	15U	634603	5581029	May 15, 2021 at 1:05:15 PM	Rusty psammite similar to last grab but more silicious and sericitic. Oxidized pyrite on cleavage surfaces.	RT	Outcrop	Low	Arenaceous-argillaceous rock
D295236	15U	634298	5580382	May 16, 2021 at 10:40:47 AM	20cm wide pinch-swell quartz vein in andesite? Glassy to milky.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295237	15U	634769	5580335	May 16, 2021 at 11:54:16 AM	Up to 1m wide pinch-swell vein in chloritized mafic volcanics. Barren. Approximately east-west, but difficult to measure due to pinch swell and offshoots that cut foliation.	RT	Outcrop	Low	Mafic-ultramafic volcanic vein
D295238	15U	634617	5581050	May 15, 2021 at 12:51:50 PM	Oxidized pyritized sheared chlorite-sericite altered psammite. Non magnetic. Pyrite oxidized as 0.5-1mm foliation parallel stringers throughout. 15cm zone in metasediments. Sericite weak. Oxidized cleavage surfaces.	RT	Outcrop	Low	Arenaceous-argillaceous rock
D295239	15U	634788	5580361	May 16, 2021 at 12:15:30 PM	Quartz-coarse tourmaline vein in mafic volcanics, barren of sulphides.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295240	15U	634790	5580353	May 16, 2021 at 12:24:34 PM	Few metres from previous sample, 30cm quartz vein.	RT	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295241	15U	634790	5580442	May 16, 2021 at 12:34:05 PM	Silica-sericite altered intermediate volcanics, semimassive pyrite bands. Rusty subcrop on shore.	RT	Subcrop	Low	Intermediate volcanic
D295242	15U	635642	5580729	May 16, 2021 at 1:29:27 PM	Sugary quartz vein in mafic volcanics.	RT	Outcrop	Low	Mafic-ultramafic volcanic vein
D295243	15U	635638	5580721	May 16, 2021 at 1:36:04 PM	Strong carbonate-sericite altered sheared rock on margin of coarse ankerite-quartz vein. Possible malachite.	RT	Outcrop	Low	Intermediate volcanic
D295244	15U	632868	5581089	May 17, 2021 at 11:51:13 AM	Silicified dark fine-medium grained cleaved metasediments with disseminated pyrite-magnetite and pyrrhotite(?). Pyrite fine grained <1mm elongate disseminated blebs.	RT	Outcrop	Moderate	Arenaceous-argillaceous rock
D295001	15U	645129	5582419	May 6, 2021 at 3:01:05 PM	Mafic volcanic shear 1% pyrite. Strike 260 Dip76.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295002	15U	645065	5582501	May 6, 2021 at 3:27:20 PM	Sheared mafic volcanic, moderate carbonate alteration, 1% disseminated anhedral to subhedral fine grained pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic
D295003	15U	644961	5582440	May 6, 2021 at 4:01:04 PM	Sheared mafic volcanic with 1% disseminated fine grained pyrite + trace chalcopyrite. Minor carbonate alteration.	SM	Outcrop	Low	Mafic-ultramafic volcanic
D295004	15U	641583	5581762	May 7, 2021 at 4:20:13 PM	Sheared felsics, trace pyrite.	SM	Outcrop	Moderate	Felsic volcanic vein
D295005	15U	637114	5581119	May 8, 2021 at 11:03:47 AM	Mafic volcanics, trace pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295006	15U	637062	5581112	May 8, 2021 at 11:42:16 AM	Sheared mafics, trace pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295007	15U	641303	5582356	May 8, 2021 at 2:23:15 PM	Felsics-conglomerate contact on edge of swamp, 2% pyrite.	SM	Outcrop	Low	Conglomerate
D295008	15U	638512	5581513	May 9, 2021 at 3:42:04 PM	Sheared mafics, trace pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic
D295009	15U	638546	5581512	May 9, 2021 at 4:19:11 PM	Sub-crop, sheared mafics and quartz vein, 2% pyrite-chalcopyrite.	SM	Subcrop	Moderate	Mafic-ultramafic volcanic vein
D295010	15U	639456	5581929	May 11, 2021 at 11:56:59 AM	Quartz vein, 4 inches in a conglomerate.	SM	Outcrop	Moderate	Conglomerate, vein
D295011	15U	633191	5580193	May 11, 2021 at 2:12:29 PM	Sheared mafic volcanic contact, 3 foot quartz vein, trace pyrite.	SM	Outcrop	High	Mafic-ultramafic volcanic
D295012	15U	633559	5580251	May 11, 2021 at 3:18:01 PM	Sheared mafics, trace pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295013	15U	634434	5580740	May 11, 2021 at 4:29:13 PM	Quartz carbonate area is abundant in carbonate boulders.	SM	Outcrop	Low	Felsic-intermediate intrusive vein
D295014	15U	647693	5583277	May 12, 2021 at 11:57:56 AM	Sheared mafics, trace pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic
D295015	15U	647279	5582896	May 12, 2021 at 1:55:47 PM	Sheared mafics, pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic
D295016	15U	647494	5582929	May 12, 2021 at 3:34:15 PM	Quartz vein.	SM	Outcrop	Moderate	Vein
D295017	15U	647494	5582925	May 12, 2021 at 3:36:04 PM	Mafic volcanic.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic
D295018	15U	633856	5581015	May 13, 2021 at 12:07:18 PM	Sheared mafics, pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295019	15U	633694	5580871	May 13, 2021 at 1:01:40 PM	Sheared intermediate volcanics, silicified and iron rich. Streaks of fine grained pyrite throughout with minor chalcopyrite.	SM	Outcrop	Low	Intermediate volcanic
D295020	15U	633641	5580983	May 13, 2021 at 2:02:48 PM	Sheared fine grained intermediate volcanics, very weak carbonate alteration. 2% fine grained streaks of pyrite.	SM	Outcrop	Moderate	Intermediate volcanic
D295021	15U	633832	5580710	May 13, 2021 at 4:02:17 PM	Sheared fine grained mafic volcanic with a sugary quartz vein. The vein contains malachite, 1% pyrite 2% chalcopyrite.	SM	Outcrop	Low	Mafic-ultramafic volcanic vein
D295022	15U	634301	5580524	May 14, 2021 at 10:58:01 AM	Mafic volcanic contact with quartz vein.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295023	15U	634298	5580514	May 14, 2021 at 11:32:19 AM	Mafic volcanic & quartz vein contact, pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic vein
D295024	15U	633559	5581009	May 14, 2021 at 12:12:11 PM	Sheared mafics, pyrite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic
D295025	15U	633742	5580489	May 15, 2021 at 11:29:32 AM	Sheared mafics, pyrite-magnetite.	SM	Outcrop	Moderate	Mafic-ultramafic volcanic
D295326	15U	635191	5581087	May 16, 2021 at 11:31:43 AM	Boudinaged, vuggy quartz vein in sheared arenites.	SM	Outcrop	Moderate	Arenaceous-argillaceous rock, vein
D295027	15U	635046	5581079	May 16, 2021 at 12:07:32 PM	Boudinaged vuggy quartz vein in arenaceous rock. Sheared.	SM	Outcrop	Moderate	Arenaceous-argillaceous rock, vein
D295028	15U	635668	5580842	May 16, 2021 at 1:16:29 PM	Sheared mafics, carbonate-pyrite, sub-crop.	SM	Subcrop	Low	Mafic-ultramafic volcanic

Sample Number	UTM Zone	Eastings	Northing	Date-Time	Description	Sampler	Exposure	Relief	Lithology
D295101	15U	636831	5581154	May 8, 2021 at 11:39:08 AM	Sheared fine grained mafic volcanics, 1% fine grained-very fine grained pyrite.	RH	Outcrop	Low	Mafic-ultramafic volcanic
D295102	15U	638482	5581512	May 9, 2021 at 2:58:12 PM	Quartz carbonate vein with 2% very fine grained pyrite + pyrrhotite from sheared mafic volcanic outcrop.	RH	Outcrop	Low	Mafic-ultramafic volcanic, vein
D295103	15U	638549	5581359	May 9, 2021 at 3:46:23 PM	Quartz carbonate vein with rusty surfaces and 2% pyrite - angular boulder.	RH	Outcrop, Angular Float	Low	Mafic-ultramafic volcanic, vein
D295104	15U	633222	5580192	May 11, 2021 at 12:48:33 PM	Possible intermediate volcanic raft or highly altered granite in a large (2m+) quartz vein. No mineralization.	RH	Outcrop	Moderate	Intermediate volcanic, vein
D295106	15U	633594	5580244	May 11, 2021 at 2:48:44 PM	40cm wide shear zone with 10 cm quartz vein and coarse subhedral to euhedral magnetite that forms a concentrated band at the contact. No other mineralization.	RH	Outcrop	Moderate	Mafic-ultramafic volcanic, vein
D295107	15U	634471	5580784	May 11, 2021 at 3:30:28 PM	Pale bluish green highly sheared intermediate volcanic. In the sheared rock are blocks of iron carbonate with stockwork veining. No visible mineralization.	RH	Outcrop	Low	Intermediate volcanic
D295108	15U	646579	5582699	May 12, 2021 at 12:17:39 PM	Medium grey fine grained intermediate volcanic. Moderate shearing, rusty surface, no visible mineralization or veining	RH	Outcrop	Low	Intermediate volcanic
D295109	15U	646420	5583120	May 12, 2021 at 1:04:15 PM	Tannish coloured sericite schist, highly fissile and strongly carbonate altered. No visible mineralization.	RH	Outcrop	Low	Intermediate volcanic
D295110	15U	633883	5580783	May 13, 2021 at 10:15:52 AM	Sheared mafics with moderate to strong carbonate alteration.	RH	Outcrop	Moderate	Mafic-ultramafic volcanic
D295111	15U	633836	5581043	May 13, 2021 at 10:42:45 AM	Sheared fine grained intermediate volcanics with strong carbonate alteration and trace fine grained pyrite.	RH	Outcrop	Low	Mafic-ultramafic volcanic
D295112	15U	633672	5580929	May 13, 2021 at 12:26:55 PM	Sheared fine grained intermediate volcanics - carbonate alteration. No visible mineralization.	RH	Outcrop	Moderate	Intermediate volcanic
D295113	15U	633809	5580842	May 13, 2021 at 2:19:58 PM	Sheared fine grained intermediate volcanics with strong carbonate alteration and 1% disseminated pyrite.	RH	Outcrop	Low	Intermediate volcanic
D295114	15U	633829	5580715	May 13, 2021 at 3:09:04 PM	Felsic dike, medium grained, 2% disseminated pyrite.	RH	Outcrop	Low	Felsic-intermediate Intrusive
D295301	15U	644832	5582601	06-May-21	Sheared MV with 1-3cm thick qtz veins	MR	Subcrop	NA	Mafic-ultramafic volcanic
D295302	15U	644832	5582601	06-May-21	same loc as above but different looking qcb vein with up to 0.5% py	MR	Outcrop	NA	Mafic-ultramafic volcanic
D295303	15U	644869	5582326	06-May-21	F. grained, strongly sheared (265/85) ?MV?; trace f. grained dissem py	MR	Outcrop	NA	Mafic-ultramafic volcanic
D295304	15U	645343	5582126	06-May-21	?MV?; f. grained, mod sheared with 2cm thick qtz vein with trace py	MR	Outcrop	NA	Mafic-ultramafic volcanic
D295305	15U	645416	5582528	06-May-21	sheared and deformed qtz vn in MV; trace py	MR	Outcrop	NA	Mafic-ultramafic volcanic
D295306	15U	641520	5581772	May 7, 2021 at 2:56:20 PM	NA	MR	Outcrop	Moderate	Felsic volcanic
D295307	15U	641534	5581774	May 7, 2021 at 3:24:53 PM	Strongly silicified felsic volcanic. Red burgundy weathering. Pyrite disseminated and very fine grained. Up to 0.5% fine grained specular hematite.	MR	Outcrop	Moderate	Felsic volcanic
D295308	15U	637257	5581378	May 8, 2021 at 9:41:47 AM	Strongly sheared, vesicular, pillowed mafic volcanics. Strong carbonate alteration throughout. Grungy, 0.5-2cm thick, barren, vuggy quartz-carbonate vein parallel to foliation.	MR	Outcrop	Moderate	Mafic-ultramafic volcanic
D295309	15U	637352	5581353	May 8, 2021 at 10:44:16 AM	Late quartz vein in sheared mafic volcanics. Rubble, vegetation covered. Barren with minor FeO staining along fractures.	MR	Outcrop	Moderate	Mafic-ultramafic volcanic, vein
D295310	15U	636558	5581269	May 8, 2021 at 11:40:53 AM	Quartz vein rubble near the volcanic-metasedimentary contact. In sheared vesicular mafics.	MR	Subcrop	Moderate	Mafic-ultramafic volcanic
D295311	15U	643237	5582781	May 8, 2021 at 2:04:01 PM	Barren boudinaged quartz vein in strongly sheared conglomerate.	MR	Outcrop	Moderate	Conglomerate
D295312	15U	646867	5582723	May 12, 2021 at 2:05:56 PM	Very thin <5mm quartz veinlets in a fracture in intermediate volcanics. Competent and massive with minor fracturing.	MR	Outcrop	Moderate	Intermediate volcanic, vein
D295313	15U	646867	5582723	May 12, 2021 at 2:44:05 PM	Thin shear in mafic volcanics within predominantly fine grained metasediments.	MR	Outcrop	Moderate	Mafic-ultramafic volcanic
D295314	15U	634190	5580855	May 13, 2021 at 10:39:38 AM	Boudinaged, 1-15cm wide, quartz vein with spotty acicular tourmaline and trace pyrite.	MR	Outcrop	Moderate	Intermediate volcanic, vein
D295315	15U	634216	5580976	May 13, 2021 at 12:51:34 PM	30cm wide gossanous zone, 10% magnetite.	MR	Outcrop	Moderate	Intermediate volcanic
D295316	15U	634215	5580977	May 13, 2021 at 12:45:37 PM	Quartz vein. Deformed, looks like it could be cutting foliation.	MR	Outcrop	Moderate	Intermediate volcanic
D295317	15U	634717	5580673	May 13, 2021 at 2:54:47 PM	Flat, possibly boudinaged, <25cm thick, barren quartz vein in chlorite shear.	MR	Outcrop	Moderate	Vein
D295318	15U	634637	5580744	May 13, 2021 at 3:25:35 PM	Quartz vein in carbonate (ankerite) pod. No sulphides. Possible minor, acicular tourmaline.	MR	Outcrop	Moderate	Vein
D295319	15U	634265	5580525	May 14, 2021 at 10:12:06 AM	1m thick quartz vein in mafic volcanics. Possible trace pyrite but otherwise barren. In a partially detached slab from uphill so no structural measurement. Sample composite taken across the vein. Laminated in places. Trace tourmaline but patchy.	MR	Subcrop	Moderate	Mafic-ultramafic volcanic, vein
D295320	15U	635708	5581141	May 15, 2021 at 10:06:54 AM	Strongly sheared, chloritized and strongly carbonitized (calcite) mafic volcanic. Pods of calcite actually a thin vein parallel to outcrop face.	MR	Outcrop	Moderate	Mafic-ultramafic volcanic
D295321	15U	635643	5581117	May 15, 2021 at 10:59:39 AM	Possible conglomerate based on two small possible pebble sized rounded clasts of felsic intrusives observed.	MR	Outcrop	Moderate	Conglomerate
D295322	15U	635639	5581110	May 15, 2021 at 11:14:47 AM	Strongly sheared, bleached, gossanous, fine grained felsic volcanics? or intermediate volcanics (no quartz eyes).	MR	Outcrop	Moderate	Intermediate volcanic
D295323	15U	635502	5581149	May 15, 2021 at 12:23:17 PM	Lean banded iron formation, interbedded with fine-grained metasediments.	MR	Subcrop	Moderate	Iron formation
D295324	15U	635514	5581149	May 15, 2021 at 12:48:57 PM	NA	MR	NA	Moderate	NA
D295325	15U	635363	5581127	May 15, 2021 at 12:54:36 PM	Quartz vein, deformed, in mafic volcanics.	MR	Outcrop	Moderate	Mafic-ultramafic volcanic, Vvein
D295326	15U	635346	5581129	May 16, 2021 at 9:36:39 AM	Gossanous and sheared. Most sulphides seem oxidized but there is up to 1% dissem fine grained pyrite.	MR	Outcrop	Moderate	Arenaceous-argillaceous rock
D295327	15U	635358	5581125	May 16, 2021 at 9:57:03 AM	Boudinaged vuggy quartz vein in gossanous arenite.	MR	Outcrop	Moderate	Vein
D295328	15U	635045	5581043	May 16, 2021 at 10:58:30 AM	Boudinaged quartz vein in metasediments. Up to 30cm wide.	MR	Outcrop	Moderate	Arenaceous-argillaceous rock

Sample Number	UTM Zone	Easting	Northing	Date-Time	Description	Sampler	Exposure	Relief	Lithology
D295329	15U	635651	5580844	May 16, 2021 at 12:07:34 PM	Sheared, gossanous arenaceous metasediments with 2cm thick boudinaged quartz-carbonate vein. Trace pyrite.	MR	Outcrop	Moderate	Arenaceous-argillaceous rock, vein
D295330	15U	632668	5580497	May 17, 2021 at 10:14:28 AM	Quartz vein, 1-10cm thick, rusty, deformed and boudinaged. In gabbro (magnetic, medium grained).	MR	Outcrop	Moderate	Mafic-ultramafic volcanic, Arenaceous-argillaceous rock, vein
D295331	15U	632676	5580491	May 17, 2021 at 10:26:08 AM	Gabbro. 6m from last sample with a thin 1m non magnetic unit.	MR	Outcrop	Moderate	Mafic-ultramafic volcanic
D295332	15U	632589	5580774	May 17, 2021 at 11:17:55 AM	1-10cm thick quartz veins in intermediate volcanics.	MR	Outcrop	Moderate	Intermediate volcanic
<p>* NA = Not Applicable or Not Available  RT = Ronnie Therriault; SM = Scott Morton; RH = Ryan Hrkac; MR = Michal Russer</p>									

Sample Number	Pyrite (%)	Pyrrhotite (%)	Chalcopyrite (%)	Galena (%)	Sphalerite (%)	Vein Type	Vein (%)	Magnetism	Alteration	Alteration Strength	Structure 1	Strike 1	Dip 1	Structure 2	Strike 2	Dip 2
D295201	0	0	0	0	0	NA	NA	None	Chlorite, Calcite	Strong	Shear	NA	NA	NA	NA	NA
D295202	2	0	0	0	0	Quartz	5	None	Chlorite, Sericite, Calcite, Silica	Strong	Shear	70	NA	NA	NA	NA
D295203	1	0	0	0	0	Carbonate	1	None	Chlorite, Calcite, Silica	Moderate	NA	NA	NA	NA	NA	NA
D295204	0.5	0	0	0	0	Quartz	10	None	Chlorite	Moderate	Primary fabric	250	85	NA	NA	NA
D295205	0.5	0	0	0	0	Quartz-carbonate	2	None	Chlorite, Calcite	Moderate	Primary fabric	250	85	NA	NA	NA
D295206	0.5	0	0	0	0	NA	NA	Moderate	Chlorite, Calcite	Weak	Primary fabric	75	80	NA	NA	NA
D295207	0	0	0	0	0	NA	NA	None	Chlorite, Calcite	Moderate	Shear	245	80	NA	NA	NA
D295208	0	0	0	0	0	Quartz	100	None	NA	NA	NA	NA	NA	NA	NA	NA
D295209	0	0	0	0	0	Quartz	100	None	Chlorite, Calcite, Silica	Moderate	Primary fabric	70	80	Vein	25	70
D295210	0.5	0	0	0	0	NA	NA	None	Chlorite, Calcite	Moderate	Primary fabric	77	80	NA	NA	NA
D295211	1	0	0	0	0	Quartz	3	Strong	Chlorite, Calcite	Moderate	Shear	270	70	Primary fabric	270	70
D295212	0.1	0.1	0	0	0	Quartz	25	Low	Chlorite, Calcite	Weak	NA	NA	NA	NA	NA	NA
D295213	0	0	0	0	0	Quartz-carbonate	100	None	NA	NA	NA	NA	NA	NA	NA	NA
D295214	0.5	0	0	0	0	NA	NA	None	Chlorite, Calcite	Moderate	NA	NA	NA	NA	NA	NA
D295215	3	0	0.1	0	0	NA	NA	None	Chlorite, Calcite, Silica	Moderate	NA	NA	NA	NA	NA	NA
D295216	0.1	0	0.1	0	0	Quartz-carbonate	100	None	NA	NA	NA	NA	NA	NA	NA	NA
D295217	0	0	0	0	0	Quartz	100	None	NA	NA	Vein	65	40	NA	NA	NA
D295218	0	0	0	0	0	NA	NA	None	Chlorite	Weak	Shear	65	40	NA	NA	NA
D295219	0	0	0	0	0	Quartz	100	None	NA	NA	NA	NA	NA	NA	NA	NA
D295220	0.5	0	0	0	0	Quartz	25	None	Chlorite	Strong	NA	NA	NA	NA	NA	NA
D295221	0	0	0	0	0	Quartz	100	None	NA	NA	NA	NA	NA	NA	NA	NA
D295222	0	0	0	0	0	Quartz	100	None	NA	NA	NA	NA	NA	NA	NA	NA
D295223	0	0	0	0	0	Quartz	100	None	Chlorite, Silica	Moderate	Primary fabric	90	80	NA	NA	NA
D295224	0	0	0	0	0	Quartz	100	None	Silica, Amphibole	Moderate	Vein	30	55	NA	NA	NA
D295225	0	0	0	0	0	Quartz	100	None	Chlorite, Calcite	Moderate	NA	NA	NA	NA	NA	NA
D295226	7	0	0.1	0	0	NA	NA	None	Chlorite, Sericite, Ankerite, Silica	Strong	Shear	110	80	NA	NA	NA
D295227	0	0	0	0	0	Quartz	100	None	Chlorite	Moderate	NA	NA	NA	NA	NA	NA
D295228	0	0	0	0	7	NA	NA	Moderate	Chlorite, Sericite	Strong	NA	NA	NA	NA	NA	NA
D295229	0	0	0	0	0	NA	NA	None	Chlorite, Sericite, Ankerite, Silica	Strong	Shear	90	NA	NA	NA	NA
D295230	0.1	0	0.1	0	0.1	Quartz	100	None	NA	NA	Vein	270	NA	NA	NA	NA
D295231	0.1	0	0	0	0.1	Quartz	100	None	NA	NA	Shear	278	NA	NA	NA	NA
D295232	0	0	0	0	0	NA	NA	None	Amphibole	Moderate	Dike	270	80	NA	NA	NA
D295233	0	0	0	0	0	NA	NA	Moderate	Chlorite	Weak	NA	NA	NA	NA	NA	NA
D295234	4	0	0	0	0	Quartz-carbonate	5	Moderate	Chlorite, Calcite	Moderate	Primary fabric	265	NA	NA	NA	NA
D295235	2	0	0	0	0	NA	NA	None	Chlorite, Sericite, Silica	Moderate	NA	NA	NA	NA	NA	NA
D295236	0	0	0	0	0	Quartz	100	None	NA	NA	Vein	100	NA	NA	NA	NA
D295237	0	0	0	0	0	Quartz	100	None	NA	NA	NA	NA	NA	NA	NA	NA
D295238	5	0	0	0	0	NA	NA	None	Chlorite, Sericite	Moderate	Primary fabric	270	NA	NA	NA	NA
D295239	0	0	0	0	0	Quartz	100	None	NA	NA	Vein	285	NA	NA	NA	NA
D295240	0	0	0	0	0	Quartz	100	None	NA	NA	Vein	275	NA	NA	NA	NA
D295241	5	0	0	0	0	NA	NA	None	Sericite, Silica	Moderate	NA	NA	NA	NA	NA	NA
D295242	0	0	0	0	0	Quartz	100	None	NA	NA	Vein	255	NA	NA	NA	NA
D295243	0	0	0	0	0	NA	NA	None	Sericite, Ankerite	Strong	NA	NA	NA	NA	NA	NA
D295244	3	0.5	0	0	0	NA	NA	Moderate	Chlorite, Silica	Moderate	Primary fabric	275	NA	NA	NA	NA
D295001	1	0	0	0	0	Carbonate	NA	None	Calcite	Moderate	Shear	260	76	NA	NA	NA
D295002	1	0	0	0	0	NA	NA	None	Calcite	Moderate	Shear	260	NA	NA	NA	NA
D295003	1	0	1	0	0	NA	NA	None	Calcite	Weak	Shear	250	NA	NA	NA	NA
D295004	1	0	0	0	0	Carbonate	NA	None	Silica	Moderate	Bedding	70	80	NA	NA	NA
D295005	1	0	0	0	0	Quartz-carbonate	NA	None	Calcite	Moderate	Bedding	170	80	NA	NA	NA
D295006	1	0	0	0	0	Carbonate	NA	None	Calcite	Moderate	Bedding	250	NA	NA	NA	NA
D295007	2	0	0	0	0	NA	NA	None	Chlorite, Calcite	Strong	NA	NA	NA	NA	NA	NA
D295008	1	0	0	0	0	NA	NA	None	Calcite	Weak	Bedding	60	70	NA	NA	NA
D295009	2	0	1	0	0	Quartz	60	None	Calcite	Moderate	Bedding	NA	NA	NA	NA	NA
D295010	0	0	0	0	0	Quartz	50	None	Calcite	Moderate	Bedding	260	NA	NA	NA	NA
D295011	1	0	0	0	0	NA	NA	None	NA	Moderate	NA	80	40	NA	NA	NA
D295012	1	0	0	0	0	Carbonate	NA	None	NA	Moderate	Bedding	40	85	NA	NA	NA
D295013	0	0	0	0	0	Carbonate	80	None	Calcite	Moderate	Bedding	280	85	NA	NA	NA
D295014	1	0	0	0	0	NA	NA	None	Calcite	Moderate	Bedding	250	80	NA	NA	NA
D295015	0	0	0	0	0	NA	NA	None	NA	Moderate	Bedding	260	NA	NA	NA	NA
D295016	0	0	0	0	0	Quartz	NA	None	Silica	NA	NA	70	80	NA	NA	NA
D295017	0	0	0	0	0	NA	NA	None	Calcite	Moderate	Bedding	70	80	NA	NA	NA
D295018	1	0	0	0	0	Carbonate	NA	None	NA	Moderate	Shear	280	NA	NA	NA	NA
D295019	3	0	1	0	0	NA	NA	None	Silica	Moderate	Shear	300	NA	NA	NA	NA
D295020	2	0	0	0	0	NA	NA	None	Calcite	Weak	Shear	300	NA	NA	NA	NA
D295021	1	0	2	0	0	Quartz-carbonate	50	None	Calcite	Strong	Shear	280	NA	NA	NA	NA
D295022	2	0	0	0	0	NA	NA	None	Calcite	Moderate	Vein	290	NA	NA	NA	NA
D295023	0	0	0	0	0	NA	NA	None	Calcite	Moderate	Bedding	290	NA	NA	NA	NA
D295024	0	0	0	0	0	NA	NA	None	Calcite	Moderate	Bedding	310	NA	NA	NA	NA
D295025	0	0	0	0	0	NA	NA	Moderate	Calcite	Moderate	Shear	296	NA	NA	NA	NA
D295026	0	0	0	0	0	Quartz	20	None	NA	NA	Shear	265	89	NA	NA	NA
D295027	0	0	0	0	0	Quartz	75	None	NA	NA	Shear	85	86	NA	NA	NA
D295028	0	0	0	0	0	NA	NA	None	NA	NA	NA	NA	NA	NA	NA	NA
D295101	1	0	0	0	0	NA	NA	None	Calcite	Weak	Shear	245	80	NA	NA	NA
D295102	2	2	0	0	0	Quartz-carbonate	50	None	Calcite	Moderate	Shear	247	80	NA	NA	NA
D295103	2	0	0	0	0	Quartz-carbonate	50	None	Calcite	Moderate	NA	NA	NA	NA	NA	NA
D295104	0	0	0	0	0	Quartz	5	None	NA	NA	NA	NA	NA	NA	NA	NA
D295106	0	0	0	0	0	Quartz	50	Strong	Calcite	Strong	Shear	NA	NA	NA	NA	NA
D295107	0	0	0	0	0	NA	NA	None	Calcite	Very strong	Shear	300	NA	NA	NA	NA
D295108	0	0	0	0	0	NA	NA	None	NA	NA	Shear	250	NA	NA	NA	NA

Sample Number	Pyrite (%)	Pyrrhotite (%)	Chalcopyrite (%)	Galena (%)	Sphalerite (%)	Vein Type	Vein (%)	Magnetism	Alteration	Alteration Strength	Structure 1	Strike 1	Dip 1	Structure 2	Strike 2	Dip 2
D295109	0	0	0	0	0	NA	NA	None	Calcite	Strong	Shear	250	85	NA	NA	NA
D295110	0	0	0	0	0	NA	NA	None	Calcite	Strong	Shear	270	NA	NA	NA	NA
D295111	1	0	0	0	0	NA	NA	None	Calcite	Strong	Shear	260	80	NA	NA	NA
D295112	0	0	0	0	0	NA	NA	None	Calcite	Moderate	Shear	272	NA	NA	NA	NA
D295113	1	1	0	0	0	NA	NA	None	Calcite	Strong	Shear	265	NA	NA	NA	NA
D295114	2	0	0	0	0	NA	NA	None	Calcite	Moderate	Dike	280	NA	NA	NA	NA
D295301	3	0	0	0	0	Quartz	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D295302	0.5	0	0	0	0	Quartz-carbonate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D295303	0.1	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D295304	0.1	0	0	0	0	Quartz	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D295305	0.1	0	0	0	0	Quartz	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D295306	0	0.01	0	0	0	NA	NA	None	Silica	Strong	NA	NA	NA	NA	NA	NA
D295307	0.7	0.01	0	0	0	NA	NA	None	Silica	Strong	NA	NA	NA	NA	NA	NA
D295308	0	0	0	0	0	NA	NA	None	Calcite	Strong	Shear	96	69	NA	NA	NA
D295309	0	0	0	0	0	Quartz	100	None	Calcite	Weak	Shear	NA	NA	NA	NA	NA
D295310	0	0	0	0	0	NA	NA	None	NA	NA	Vein	NA	NA	NA	NA	NA
D295311	0	0	0	0	0	NA	NA	None	NA	NA	Shear	87	87	NA	NA	NA
D295312	0	0	0	0	0	Quartz	NA	None	Calcite	Weak	Vein	273	86	NA	NA	NA
D295313	0	0	0	0	0	NA	NA	None	NA	NA	Shear	254	84	NA	NA	NA
D295314	0.2	0	0	0	0	Quartz	100	None	Calcite	Moderate	Shear	NA	NA	NA	NA	NA
D295315	0	0	0	0	0	NA	NA	None	NA	NA	Shear	268	84	NA	NA	NA
D295316	0	0	0	0	0	NA	NA	None	NA	NA	Vein	222	46	Shear	77	75
D295317	0	0	0	0	0	Quartz	100	None	Chlorite	Strong	Vein	282	74	NA	NA	NA
D295318	0	0	0	0	0	Quartz-carbonate	85	None	NA	NA	Vein	72	83	NA	NA	NA
D295319	0	0	0	0	0	Quartz	100	None	NA	NA	NA	NA	NA	NA	NA	NA
D295320	0	0	0	0	0	NA	NA	None	Calcite	Strong	Shear	87	81	NA	NA	NA
D295321	0.1	0	0	0	0	NA	NA	None	Calcite	Weak	Shear	252	80	NA	NA	NA
D295322	0	0	0	0	0	NA	NA	None	NA	NA	Shear	242	81	NA	NA	NA
D295323	0	0	0	0	0	NA	NA	None	NA	NA	NA	NA	NA	NA	NA	NA
D295324	0	0	0	0	0	NA	NA	None	NA	NA	NA	NA	NA	NA	NA	NA
D295325	0	0	0	0	0	NA	NA	None	NA	NA	NA	NA	NA	NA	NA	NA
D295326	0.5	0	0	0	0	NA	NA	None	NA	NA	Shear	85	81	NA	NA	NA
D295327	0	0	0	0	0	NA	NA	None	NA	NA	Shear	253	87	NA	NA	NA
D295328	0	0	0	0	0	NA	NA	None	NA	NA	Shear	92	88	NA	NA	NA
D295329	0	0	0	0	0	Quartz-carbonate	10	None	Calcite	Moderate	Shear	NA	NA	NA	NA	NA
D295330	0	0	0	0	0	Quartz	75	Strong	NA	NA	Vein	80	85	NA	NA	NA
D295331	0	0	0	0	0	NA	NA	Strong	NA	NA	NA	NA	NA	NA	NA	NA
D295332	2	0	0	0	0	NA	NA	None	NA	NA	Vein	257	88	NA	NA	NA

# Appendix C - Observations

Number	Date & Time	Zone	Easting	Northing	Description
RT-1	May 6, 2021 at 11:41:06 AM	15U	645077	5582429	Mafic volcanic at 270/80. Minor euhedral pyrite.
RT-2	May 6, 2021 at 12:05:40 PM	15U	645110	5582430	Felsic volcanic at 260/80. Chlorite-silica alteration, no sulphides.
RT-3	May 6, 2021 at 12:34:35 PM	15U	645365	5582380	Outcrop or huge boulder? Granodiorite.
RT-4	May 6, 2021 at 12:55:29 PM	15U	645382	5582475	Felsic volcanic, no sulphides, poor exposure.
RT-5	May 6, 2021 at 2:06:05 PM	15U	645461	5582547	Chloritic mafic volcanic with 1% fine grained disseminated magnetite.
RT-6	May 6, 2021 at 2:17:54 PM	15U	645442	5582667	Foliated chloritic mafic volcanic with 1cm boudinaged barren quartz vein.
RT-7	May 6, 2021 at 3:17:51 PM	15U	645518	5582546	270/85 bedding and primary fabric. Stretched mafic pillows overlain by mafic tuff overlain by quartz-K-spar crystal tuff overlain by lapilli tuff (mafic fragments, -spar crusts at top - grading?) overlain by ragged vesicular mafic pillows. Clear secondary fabric counterclockwise to main fabric at 235/65 producing moderate west plunging lineation.
RT-8	May 6, 2021 at 4:26:19 PM	15U	645742	5583032	Weakly bedded arenite 265/75.
RT-9	May 7, 2021 at 3:29:35 PM	15U	641564	5581858	Unlikely location of trench?
RT-10	May 7, 2021 at 4:30:45 PM	15U	641621	5582028	Foliated chlorite altered mafic volcanic, some silica alteration. Fine grained magnetite disseminated throughout. Moderate-strong magnetim.
RT-11	May 7, 2021 at 4:43:18 PM	15U	641652	5582094	Chlorite-calcite-silica altered mafic volcanic, non magnetic.
RT-12	May 7, 2021 at 4:51:06 PM	15U	641625	5582136	250/90 small shear in mafic volcanic. Amphibolitized.
RT-13	May 7, 2021 at 5:00:13 PM	15U	641513	5582095	255 trending mafic volcanic, dip wobbles mostly vertical. 1cm lighter bands may be pillow margins? Open Z folds. Shallow to moderate west plunging lineation. Vesicles in a few spots.
RT-14	May 8, 2021 at 10:35:08 AM	15U	637264	5581377	Vessicular mafic volcanic at 85/80. Strong calcite alteration. Possible ragged pillows. Moderate-shallow west plunging lineation at 45 degrees.
RT-15	May 8, 2021 at 11:01:01 AM	15U	637277	5581492	Conglomerate, cm-scale tonalite clasts, lesser mafic clasts. S-sinistral rotation on clasts?
RT-16	May 8, 2021 at 11:24:29 AM	15U	637558	5581405	Vessicular poorly pillowed mafic volcanic with several small Z-folds. Discrete decimeter scale shears in strongly foliated rock. Thin orangey quartz veins, barren. 080/80 foliation.
RT-17	May 8, 2021 at 12:23:29 PM	15U	636580	5581260	Strongly vessicular mafic volcanic 255/80. Strong deformation and chlorite alteration.
RT-18	May 8, 2021 at 1:35:18 PM	15U	641789	5582287	Old camp.
RT-19	May 8, 2021 at 2:06:31 PM	15U	641880	5582932	Contact between amphibolitized mafic volcanics and granodiorite.
RT-20	May 8, 2021 at 2:26:35 PM	15U	643136	5583164	Weakly foliated tonalite with bands and pods of more pegmatitic material.
RT-21	May 8, 2021 at 2:36:20 PM	15U	643160	5583163	Biotite tonalite with coarse K-spar & quartz pegmatitic phase. Weak felsic-mafic banding.
RT-22	May 8, 2021 at 2:52:07 PM	15U	643253	5582793	Conglomerate with tonalite and quartz vein clasts and arenite. Z-folds and rotated clasts, dextral. Some clasts rotated counterclockwise - C fabric?
RT-23	May 8, 2021 at 3:45:49 PM	15U	641994	5582226	Chlorite-calcite altered strongly deformed mafic volcanic. 260/80.
RT-24	May 8, 2021 at 4:10:43 PM	15U	640435	5581826	Spotted amphibole mafic. Homogenous. Sliver of silty silicious felsic tuff or siltstone? (on south side). 235/80.



Number	Date & Time	Zone	Easting	Northing	Description
RT-25	May 9, 2021 at 2:22:17 PM	15U	636056	5580575	Felsic volcanic with mm feldspars. Mafic bands as well. 265/90.
RT-26	May 9, 2021 at 3:54:02 PM	15U	638482	5581508	Vesicular mafic volcanic at 080/90, weakly magnetic.
RT-27	May 11, 2021 at 11:15:09 AM	15U	640075	5582050	Moderately sheared conglomerate with dextral indicators. Tonalite clasts rounded and weakly deformed, volcanics elongate. 3-5 cm sulphide burns in matrix. Sinistral? indicators too or just compression around clasts? 260/73 wobbly.
RT-28	May 11, 2021 at 11:32:33 AM	15U	640127	5582067	Conglomerate, several fractured quartz vein clasts. More arenaceous toward south part of outcrop - fewer clasts.
RT-29	May 11, 2021 at 11:39:19 AM	15U	640097	5582014	More arenaceous rock 10-15% clasts.
RT-30	May 11, 2021 at 1:04:30 PM	15U	633248	5580207	Blue quartz-eye porphyritic intrusive - marginal phase of intrusive? Massive weakly foliated.
RT-31	May 11, 2021 at 1:13:59 PM	15U	633247	5580161	Massive intrusive with blue qrtz eyes, weakly magnetic.
RT-32	May 11, 2021 at 4:15:59 PM	15U	634467	5580733	Strongly sheared sericite-chlorite-calcite altered intermediate volcanic. 265/90. Numerous quartz-Fe carbonate (ankerite) boulders, also in rock sampled by Scott. No sulphides. Preserved elongate quartz eyes in intermediate volcanic.
RT-33	May 12, 2021 at 11:06:44 AM	15U	646197	5582998	Poorly bedded arenites, gritty medium grained. 255/65.
RT-34	May 12, 2021 at 11:37:16 AM	15U	648244	5583190	Sheared mafic volcanics. Chlorite-silica alteration. Mangled sugary quartz vein knots.
RT-35	May 12, 2021 at 11:54:23 AM	15U	647995	5582635	Interlayered intermediates (dacite-andesite). Moderately carbonated.
RT-36	May 12, 2021 at 12:12:39 PM	15U	647854	5582522	Moderately sheared andesite. Chlorite-calcite alteration. boudinged quartz veins and moderate west plunging lineation at 72. 100/75 foliation.
RT-37	May 12, 2021 at 1:19:28 PM	15U	647702	5582324	Blue quartz eye phyric dacite tuff. Massive weak foliation at 265/90. Thin quartz veins counterclockwise to foliation.
RT-38	May 12, 2021 at 2:05:31 PM	15U	647477	5582909	Mafic volcanic at 85/90. Poor exposure.
RT-39	May 12, 2021 at 2:10:20 PM	15U	647517	5582942	Old red fuel barrels likely location of drilling. On topographic high.
RT-40	May 12, 2021 at 2:34:47 PM	15U	647517	5582900	Mafic volcanic, poorly exposed.
RT-41	May 12, 2021 at 3:50:07 PM	15U	647564	5583225	Moderately foliated finely laminated metasediments? 255/78.
RT-42	May 12, 2021 at 4:01:08 PM	15U	647531	5583242	Arenites/conglomerate
RT-43	May 13, 2021 at 11:06:16 AM	15U	634100	5580686	Blue quartz eye phyric intermediate, moderate to strong shearing. Anastomosing shear bands at 275/90.
RT-44	May 13, 2021 at 11:22:55 AM	15U	634205	5580864	Z-folds in intermediate volcanic.
RT-45	May 13, 2021 at 11:56:09 AM	15U	634226	5580856	Strongly crenulated shear fabric counterclockwise to main shear fabric.
RT-46	May 13, 2021 at 12:22:48 PM	15U	634113	5580781	Probable lapilli in dacitic volcanic.
RT-47	May 13, 2021 at 1:21:10 PM	15U	634167	5580960	Arenites with rusty bands, overall moderately magnetic.
RT-48	May 13, 2021 at 1:26:53 PM	15U	634162	5580988	Silty to cherty bands/laminations interlayered with more psammitic and magnetic beds. Magnetite blasts in crenulated psammite and rusty lean iron formation. Strung out quartz veins. 085/90. Looks like Trusler's Zn occurrence described in report.
RT-49	May 13, 2021 at 2:25:53 PM	15U	634528	5581068	Cataclastized/mylonitized quartz vein in sheared mafic volcanics with Z folds.

Number	Date & Time	Zone	Easting	Northing	Description
RT-50	May 13, 2021 at 2:48:04 PM	15U	635159	5580750	Strongly sheared intermediate volcanics with abundant quartz eyes, white micas, chlorite and ground up matrix. 095/90.
RT-51	May 13, 2021 at 3:16:13 PM	15U	635107	5580818	Quartz-feldspar porphyry dike or dacite bed? In arenites.
RT-52	May 13, 2021 at 3:50:23 PM	15U	634737	5580662	Intermediate volcanics marked as mafic volcanics on map.
RT-53	May 13, 2021 at 3:59:41 PM	15U	634711	5580644	Volcanic breccia - rhyolitic? clasts in mafic volcanic.
RT-54	May 13, 2021 at 4:16:51 PM	15U	634624	5580735	Intermediate quartz phyric lithic tuff.
RT-55	May 13, 2021 at 4:30:59 PM	15U	634636	5580745	Mafic volcanic with odd ankerite pod stockworked with quartz veining.
RT-56	May 13, 2021 at 4:40:51 PM	15U	634612	5580755	Extension of shear at 270/90.
RT-57	May 14, 2021 at 10:41:51 AM	15U	634294	5580521	Tourmaline quartz veining and knots in mafic volcanic. Faulted off on west end. Trace chalcopyrite-pyrite-sphalerite (?).
RT-58	May 14, 2021 at 11:09:44 AM	15U	634315	5580493	Moderately-strongly sheared mafic volcanic at intermediate volcanic contact. 090/70.
RT-59	May 14, 2021 at 11:44:36 AM	15U	633833	5581071	Strongly sheared mafic volcanic at contact with conglomerate. Cataclastized quartz vein knot.
RT-60	May 14, 2021 at 12:00:00 PM	15U	633932	5581155	Sheared conglomerate with moderately elongate clasts just north of fault.
RT-61	May 14, 2021 at 12:07:54 PM	15U	633977	5581118	Arenites, rusty bands, in shear zone.
RT-62	May 14, 2021 at 1:30:35 PM	15U	632841	5580320	Massive granodiorite.
RT-63	May 14, 2021 at 1:38:52 PM	15U	632870	5580358	Intermediate volcanics, random to weakly aligned acicular amphibole, contact metamorphism at granodiorite contact?
RT-64	May 14, 2021 at 1:48:58 PM	15U	632915	5580371	Thick beds of dacitic volcanics. 275/80. Medium grained dacite tuff/reworked volcanics and quartz-feldspar phyric dacite to north. Recessive weathering spots after felds.
RT-65	May 14, 2021 at 2:10:02 PM	15U	632936	5580437	Quartz-feldspar porphyry in coarse grained mafic flow or hypabyssal? 270/80 dike.
RT-66	May 14, 2021 at 2:29:39 PM	15U	632955	5580482	Amphibolitized, after mafic volcanic, fine-med grained, non magnetic.
RT-67	May 15, 2021 at 10:41:11 AM	15U	634058	5581080	Moderate-strongly sheared mafic volcanics.
RT-68	May 15, 2021 at 10:50:44 AM	15U	634140	5581137	Moderately foliated psammites. 090/90.
RT-69	May 15, 2021 at 10:55:13 AM	15U	634144	5581156	Conglomerate on north side of fault.
RT-70	May 15, 2021 at 11:02:51 AM	15U	634207	5581086	Sheared mafic volcanic.
RT-71	May 15, 2021 at 11:19:13 AM	15U	634337	5581010	Silty-sandy metasediments with bands/beds of magnetic rock caused by disseminated fine-medium grained disseminated magnetite. Rusty along cleavage surfaces.
RT-72	May 15, 2021 at 11:44:28 AM	15U	634417	5581029	Cleaved psammite-pelite.
RT-73	May 15, 2021 at 11:47:17 AM	15U	634421	5581015	Foliated-cleaved metasediments at NW end of lake.
RT-74	May 15, 2021 at 12:26:00 PM	15U	634602	5581234	Conglomerate with sandy matrix wrapping tonalite clasts.
RT-75	May 15, 2021 at 1:34:04 PM	15U	634843	5581103	Psammite with minor chert bands.
RT-76	May 15, 2021 at 1:54:21 PM	15U	635261	5581067	Bedded to laminated psammites and silty layers. Lenticular bedding similar to flaser but more likely structural. Crosscutting quartz-tourmaline vein.

Number	Date & Time	Zone	Easting	Northing	Description
RT-77	May 16, 2021 at 10:24:58 AM	15U	634295	5580460	Intermediate volcanics.
RT-78	May 16, 2021 at 10:31:11 AM	15U	634274	5580394	Amphibolitic andesite? Feldspar phyric volcanic. 105/60. 3-4mm feldspars.
RT-79	May 16, 2021 at 10:53:22 AM	15U	634298	5580319	Amphibolitized mafic volcanic.
RT-80	May 16, 2021 at 11:15:04 AM	15U	634539	5580290	Amphibolitized mafic volcanic with pods/lenses of epidote.
RT-81	May 16, 2021 at 11:36:00 AM	15U	634760	5580325	Interbedded mafic volcanics and blue quartz-eye phyric dacite to north. Greenschist facies, so along isograd. 080/85.
RT-82	May 16, 2021 at 12:59:55 PM	15U	635668	5580826	Metasediments with secondary calcite alteration & mafic volcanics with secondary fabric. At contact.
RT-83	May 16, 2021 at 1:06:25 PM	15U	635648	5580762	Cong boulder with boulder sized clasts.
RT-84	May 16, 2021 at 1:10:39 PM	15U	635637	5580740	Bedding in mafic volcanic. Intermediate(?) lapilli tuff in mafic volcanic lapilli tuff. Darker bands fine grained tuff?
RT-85	May 16, 2021 at 1:17:15 PM	15U	635638	5580721	Mafic volcanics at bottom followed by carbonate-sericite altered and sheared quartz-feldspar phyric dacite followed by quartz Fe-carb vein with wallrock clasts. 085/85.
RT-86	May 17, 2021 at 10:46:06 AM	15U	632695	5580347	Granodiorite.
RT-87	May 17, 2021 at 10:48:29 AM	15U	632723	5580384	Granodiorite.
RT-88	May 17, 2021 at 10:54:03 AM	15U	632733	5580393	Intermediate volcanic injected by fine grained granodiorite dikes right at contact. E-W fabric.
RT-89	May 17, 2021 at 11:00:36 AM	15U	632759	5580460	Amphibolitic mafic volcanic.
RT-90	May 17, 2021 at 11:24:31 AM	15U	632915	5580777	Intermediate volcanics. Feldspar phyric with a few quartz eyes.
RT-91	May 17, 2021 at 12:03:59 PM	15U	632876	5581127	Moderate-strongly foliated chloritic mafic volcanics. Contact with sediments in trough.
RT-92	May 17, 2021 at 12:16:20 PM	15U	632882	5581261	Dextral tails in conglomerate.
RT-93	May 17, 2021 at 12:40:02 PM	15U	632890	5581501	Coarse quartz-plagioclase tonalite at northern boundary of claims.
RT-94	May 17, 2021 at 1:01:00 PM	15U	632786	5581245	Tonalite.
RT-95	May 17, 2021 at 1:31:48 PM	15U	632615	5580949	Mafic lithic tuff with dacitic volcanic clasts. Weak chlorite-silica alteration.
RT-96	May 17, 2021 at 1:59:31 PM	15U	632633	5580762	Intermediate volcanic on shore. Andesitic?
RT-97	May 17, 2021 at 2:31:29 PM	15U	632712	5580548	Mafic volcanics.
SM-1	May 6, 2021 at 11:50:43 AM	15U	644936	5582485	Mafic volcanics sheared along 250/90.
SM-2	May 6, 2021 at 12:11:27 PM	15U	644962	5582443	Mafic volcanics, trace pyrite. 250/90.
SM-3	May 6, 2021 at 12:24:06 PM	15U	645001	5582379	Sheared mafic volcanics. 250/90.
SM-4	May 6, 2021 at 12:34:48 PM	15U	644994	5582335	Mafic volcanics bleached light green. Sheared along 250/90.
SM-5	May 6, 2021 at 12:59:11 PM	15U	645020	5582150	Felsic volcanics sheared along 260/90.
SM-6	May 6, 2021 at 1:08:34 PM	15U	645005	5582098	Felsic volcanics. 276/90.
SM-7	May 6, 2021 at 1:24:01 PM	15U	645071	5582044	Felsic volcanic crystal tuff. 255/90.

Number	Date & Time	Zone	Easting	Northing	Description
SM-8	May 6, 2021 at 1:33:13 PM	15U	645139	5582074	Felsic volcanics. 272/90.
SM-9	May 6, 2021 at 1:56:04 PM	15U	645100	5582196	Felsic volcanics 250/90.
SM-10	May 6, 2021 at 2:04:45 PM	15U	645099	5582244	Mafic volcanics 256/90.
SM-11	May 6, 2021 at 2:33:35 PM	15U	645100	5582400	Mafic volcanics. 250/70.
SM-12	May 6, 2021 at 3:48:20 PM	15U	645031	5582504	Mafic volcanic. Sheared along 250/90.
SM-13	May 11, 2021 at 11:25:42 AM	15U	639385	5582095	Granite.
SM-14	May 11, 2021 at 2:30:20 PM	15U	633171	5580185	Quartz vein.
SM-15	May 12, 2021 at 1:29:19 PM	15U	647301	5582929	Sheared mafic volcanics. Large outcrop.
SM-16	May 17, 2021 at 11:45:50 AM	15U	632642	5580931	Quartz vein in sheared mafic volcanics.
SM-17	May 17, 2021 at 1:02:22 PM	15U	632304	5581242	Sheared mafic volcanics. No sulphides.
SM-18	May 17, 2021 at 1:16:45 PM	15U	632301	5581288	Sheared mafic volcanics. 274/90.
MR-1	May 12, 2021 at 10:38:00 AM	15U	648238	5583179	Mafic volcanics (?) flow; weak to moderately pervasive carbonate. Vesicular, sheared.
MR-2	May 12, 2021 at 10:43:20 AM	15U	648250	5583188	
MR-3	May 12, 2021 at 10:59:56 AM	15U	647984	5582623	Crenulation cleavage in sheared mafic volcanics.
MR-4	May 12, 2021 at 12:23:26 PM	15U	647690	5582341	Weakly sheared intermediate volcanics with blue quartz eyes. Minor quartz veining parallel to foliation/shearing. Intensity decreases south.
MR-5	May 12, 2021 at 12:51:01 PM	15U	647304	5583191	Sheared conglomerate. No mineralization. Some clasts visibly stretched.
MR-6	May 12, 2021 at 12:57:16 PM	15U	647302	5583173	Sheared conglomerate. No mineralization. Some clasts visibly stretched.
MR-7	May 12, 2021 at 1:38:20 PM	15U	646917	5582866	High ground seems all till under moss. Peeled moss in 4 places - all boulders till.
MR-8	May 12, 2021 at 2:50:41 PM	15U	646778	5582824	Sample D295313
MR-9	May 12, 2021 at 3:08:27 PM	15U	646769	5582859	Barren sheared metasediments.
MR-10	May 13, 2021 at 10:08:55 AM	15U	634091	5580683	Sheared, carbonate altered metasediments. Barren. East side of the island - intermediate volcanics with blue quartz eyes.
MR-11	May 13, 2021 at 11:04:03 AM	15U	634126	5580796	Strongly sheared intermediate volcanics. Patchy weak to moderate carbonate alteration.
MR-12	May 13, 2021 at 11:11:39 AM	15U	634111	5580769	Shearing intensity dropping on west end of the island. Fine grained intermediate volcanics.
MR-13	May 13, 2021 at 1:52:02 PM	15U	635106	5580820	Intermediate volcanics. Relatively fresh looking. Moderately sheared. 3cm boudinaged quartz vein, discontinuous.
MR-14	May 13, 2021 at 1:57:23 PM	15U	635092	5580771	Strongly sheared metasediments.
MR-15	May 14, 2021 at 10:51:21 AM	15U	633841	5581088	Shearing very strong.
MR-16	May 14, 2021 at 12:29:33 PM	15U	632705	5580320	Intrusive. Subcrop.
MR-17	May 14, 2021 at 12:55:08 PM	15U	632670	5580420	Sheared intermediate volcanics.

Number	Date & Time	Zone	Easting	Northing	Description
MR-18	May 14, 2021 at 1:20:40 PM	15U	632661	5580488	Altered, magnetic (mag susc >15) mafic volcanics? With thin metasedimentary interbeds.
MR-19	May 15, 2021 at 9:29:41 AM	15U	635798	5581151	Conglomerate boulders on shore.
MR-20	May 15, 2021 at 9:42:55 AM	15U	635733	5581200	Cedar swamp to N, NE, NW. No o/c.
MR-21	May 15, 2021 at 12:12:10 PM	15U	635519	5581150	Mafic volcanic with occasional fine grained interflow metasediments.
MR-22	May 15, 2021 at 12:26:26 PM	15U	635514	5581149	Interflow metasediments layer in mafic volcanic.
MR-23	May 15, 2021 at 12:28:11 PM	15U	635514	5581149	Shearing.
MR-24	May 16, 2021 at 10:42:05 AM	15U	635200	5581044	Quartz arenite subcrop.
MR-25	May 16, 2021 at 10:44:21 AM	15U	635199	5581048	Sheared arenite.
MR-26	May 16, 2021 at 11:59:35 AM	15U	635643	5580846	Arenaceous metasediments, sheared.
MR-27	May 16, 2021 at 12:20:19 PM	15U	635656	5580810	Mafic volcanic, sheared.
MR-28	May 16, 2021 at 12:22:16 PM	15U	635663	5580806	Distinct set of fractures in metasediments next to contact with mafic volcanic.
MR-29	May 17, 2021 at 10:48:34 AM	15U	632759	5580692	Arenaceous metasediments subcrop.
MR-30	May 17, 2021 at 1:08:21 PM	15U	632024	5580983	Arenaceous metasediments. Sheared.
MR-31	May 17, 2021 at 1:11:42 PM	15U	632026	5580980	Intermediate volcanics.

# **Appendix D - ALS Chemex Procedures**



## Fire Assay Procedure

### Au- AA25 and Au- AA26 Fire Assay Fusion, AAS Finish

#### Sample Decomposition:

Fire Assay Fusion (FA-FUS03 & FA-FUS04)

#### Analytical Method:

Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven. 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 10 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-AA25	Gold	Au	ppm	30	0.01	100	Au-GRA21
Au-AA26	Gold	Au	ppm	50	0.01	100	Au-GRA22

Revision 03.02  
Nov 09, 2006

## ME-MS61: Ultra-Trace Level Method Using ICP MS and ICP-AES

### Sample Decomposition:

HF-HNO<sub>3</sub>-HClO<sub>4</sub> acid digestion, HCl leach (GEO-4A01)

### Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP-AES)  
 Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

The ME-MS61 Ultra Trace method combines a four-acid digestion with ICP-MS instrumentation. A four acid digestion quantitatively dissolves nearly all minerals in the majority of geological materials.

A prepared sample (0.25 g) is digested with perchloric, nitric and hydrofluoric acids. The residue is leached with dilute hydrochloric acid and diluted to volume.

The final solution is then analyzed by inductively coupled plasma-atomic emission spectrometry and inductively coupled plasma-mass spectrometry. Results are corrected for spectral inter-element interferences.

#### List of Reportable Analytes:

Analyte	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	50
Arsenic	As	ppm	0.2	10000
Barium	Ba	ppm	10	10000
Beryllium	Be	ppm	0.05	1000
Bismuth	Bi	ppm	0.01	10000
Calcium	Ca	%	0.01	50
Cadmium	Cd	ppm	0.02	1000
Cerium	Ce	ppm	0.01	500
Cobalt	Co	ppm	0.1	10000
Chromium	Cr	ppm	1	10000
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.1	500
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.5	10000
Lithium	Li	ppm	0.2	10000
Magnesium	Mg	%	0.01	50
Manganese	Mn	ppm	5	100000
Molybdenum	Mo	ppm	0.05	10000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.1	500
Nickel	Ni	ppm	0.2	10000



Analyte	Symbol	Units	Lower Limit	Upper Limit
Phosphorous	P	ppm	10	10000
Lead	Pb	ppm	0.5	10000
Rubidium	Rb	ppm	0.1	10000
Rhenium	Re	ppm	0.002	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10000
Scandium	Sc	ppm	0.1	10000
Selenium	Se	ppm	1	1000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10000
Tantalum	Ta	ppm	0.05	100
Tellurium	Te	ppm	0.05	500
Thorium	Th	ppm	0.01	10000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10000
Uranium	U	ppm	0.1	10000
Vanadium	V	ppm	1	10000
Tungsten	W	ppm	0.1	10000
Yttrium	Y	ppm	0.1	500
Zinc	Zn	ppm	2	10000
Zirconium	Zr	ppm	0.5	500

*NOTE: Four acid digestions are able to dissolve most minerals. However, depending on the sample matrix, not all elements are quantitatively extracted. For example:*

- This digestion may not be complete for minerals such as corundum (Al<sub>2</sub>O<sub>3</sub>), kyanite (Al<sub>2</sub>SiO<sub>5</sub>) and more complex silicates such as garnet, staurolite, topaz and tourmaline.*
- Potassium may bias low due to the formation of the insoluble perchlorate, which may not be completely decomposed during the leaching process.*
- Low recoveries of Al and Ca may occur if their insoluble fluorides are not completely decomposed during the leaching process.*
- Scandium may not be fully solubilized and may show lower recovery by this digestion. Sc-ICP06 (Lithium Metaborate Fusion, ICP-AES Finish), a method developed for Scandium, can be used as an alternative for this analyte.*
- Four acid digestions can also volatilize certain exploration pathfinder elements, in particular mercury. Mercury is better analyzed by an aqua regia digestion and can be added as a package to this analysis (Package: ME-MS61m).*



## Sample Preparation Package

### PREP-31

### Standard Sample Preparation: Dry, Crush, Split and Pulverize

Sample preparation is the most critical step in the entire laboratory operation. The purpose of preparation is to produce a homogeneous analytical sub-sample that is fully representative of the material submitted to the laboratory.

The sample is logged in the tracking system, weighed, dried and finely crushed to better than 70 % passing a 2 mm (Tyler 9 mesh, US Std. No.10) screen. A split of up to 250 g is taken and pulverized to better than 85 % passing a 75 micron (Tyler 200 mesh, US Std. No. 200) screen. This method is appropriate for rock chip or drill samples.

Method Code	Description
LOG-22	Sample is logged in tracking system and a bar code label is attached.
CRU-31	Fine crushing of rock chip and drill samples to better than 70 % of the sample passing 2 mm.
SPL-21	Split sample using riffle splitter.
PUL-31	A sample split of up to 250 g is pulverized to better than 85 % of the sample passing 75 microns.

Revision 03.03  
March 29, 2012

RIGHT SOLUTIONS RIGHT PARTNER

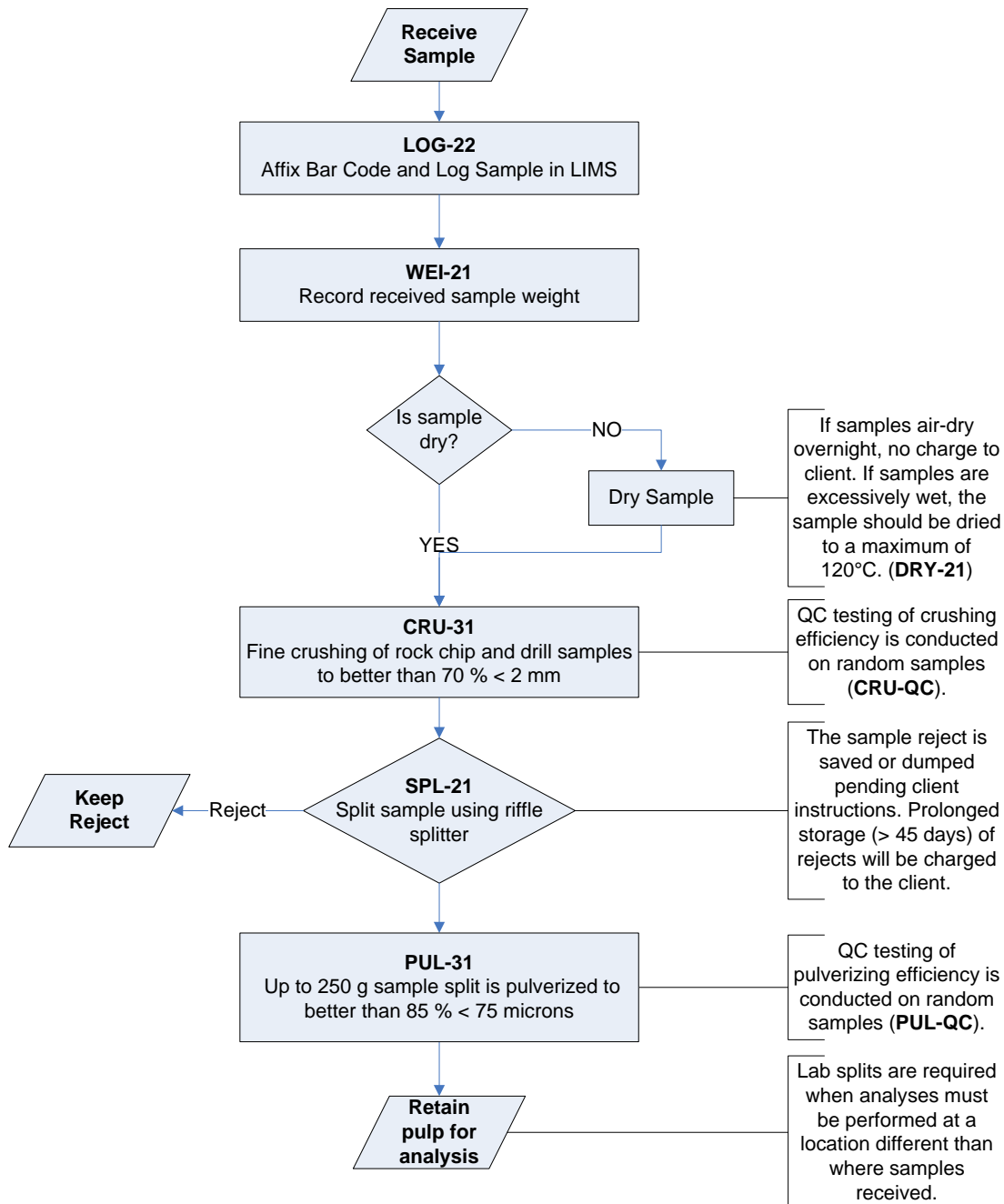
[www.alsglobal.com](http://www.alsglobal.com)



## Sample Preparation Package

### Flow Chart -

### Sample Preparation Package – PREP-31 Standard Sample Preparation: Dry, Crush, Split and Pulverize



Revision 03.03  
March 29, 2012

RIGHT SOLUTIONS RIGHT PARTNER

www.alsglobal.com

# **Appendix E – Photos Referenced in Text**



Photo 1: Weak-moderate stockworking of rhyodacitic (?) volcanics. Foliation-parallel, ptygmatic and knotty veining. Minor sulphides. 645481/5582486. Sample D295204.



Photo 2: Possibly stretched pillowed mafic volcanics (bottom of photo) overlain by dark green mafic tuff overlain by K-spar phyrlic intermediate flow/tuff overlain by intermediate lithic tuff overlain by ragged mafic pillows (?). Tops to south (?) based on mafic tuff overlying pillows. 645518/5582546.



Photo 3: Decimetre scale light brown coloured arenites/psammites. 645742/5583032.



Photo 4: Cm-scale elongate tonalite clasts and strongly flattened mafic volcanic clasts in conglomerate. 637277/5581492.



Photo 5: Vesicular poorly pillowed (?) foliated mafic volcanics with several small gentle z folds. Discrete cm-dm scale shears. 637558/5581405.



Photo 6: Contact between amphibolitized medium grained mafic volcanic and tonalite. This is either a xenolith or a tectonic slice juxtaposed against the tonalite. 641880/5582932.



Photo 7: Z-folded arenaceous matrix within the conglomerate close to the tonalite contact. Strain taken up largely in matrix as tonalite clasts are not strongly flattened. 643253/5582793.



Photo 8: Psammitic bed in conglomerate with tonalite, quartz vein and volcanic clasts. 643253/5582793. Same outcrop as above.





Photo 9: Z-folded quartz vein in conglomerate. 643253/5582793. Same outcrop as above.



Photo 10: Moderately sheared and z-folded conglomerate near contact with tonalite. Unflattened tonalite clasts and strongly flattened volcanic clasts. 3-5 cm sulphide burns in arenaceous matrix. 640075/5582050.



Photo 11: 2+ metre wide shallowly dipping barren quartz vein toward margin of granodiorite. Thin selvage of chloritic shear. Close to trench marked on Trusler's map (Trusler, 1982: Map P.996). 633228/5580195.



Photo 12: Strongly sheared, Fe-carbonate-chlorite-sericite altered intermediate volcanics. 634467/5580733.



Photo 13: Block/pod of Fe-carbonate in strongly sheared intermediate volcanics. 634467/5580733.



Photo 14: Well-formed Z-fold in sheared and heavily carbonated dacites. 634467/5580733.



Photo 15: Preserved elongate blue quartz eyes in strongly sheared dacitic crystal tuff/flow. 634467/5580733.



Photo 16: Coarse grained mafic hypabyssal or coarse grained flow. 632936/5580437.



Photo 17: Coarse grained mafic hypabyssal or coarse grained flow (handsample in Photo 16). Amphibolitized. Cut by east-west quartz-feldspar porphyry dike. 632936/5580437.



Photo 18: Silicified, sericitized and pyritized <30cm shear zone in intermediate volcanics. Fine grained pyrite and minor chalcopyrite in 1mm foliation parallel bands. Sample D295226. 634253/5580882.



Photo 19: Chloritic shear zone in mafic volcanics, central part of claims, marked on Trusler's map (Trusler, 1982: Map P.996). Sample D295202 came from a 30cm+ silicified band just north of the main shear. 638801/5581648.



Photo 20: Strongly sheared chloritic mafic volcanics. 648244/5583190.



Photo 21: Blue quartz eye phytic dacite tuff with quartz veins and stringers oriented counterclockwise of primary fabric. Whole rock sample taken. 647702/5582324.



Photo 22: Likely location of old drill site on east side of tenure. Topographic high. 647517/5582942.



Photo 23: Blue quartz eye phyric dacite with anastomosing shear planes a few metres from moderately-strongly sheared rock. This pattern may be replicated in the larger shear system cutting through the tenure. 634100/5580686.



Photo 24: Sheared and Z-folded intermediate volcanics. 634205/5580864.





Photo 25: Very strongly crenulated shear fabric. Crenulation axes oriented counterclockwise to shear fabric. Related to post-shearing non-pervasive D3? 634226/5580856.



Photo 26: Silty-cherty laminations (left) interbedded with arenites. 634162/5580988.



Photo 27: Cataclastized/mylonitized quartz vein in sheared mafic volcanics with Z-folds. 634528/5581068.



Photo 28: Abundant rhyodacitic (?) lapilli in mafic volcaniclastic rock. 634711/5580644.



Photo 29: Dactylic quartz phytic lithic tuff. 634624/5580735.



Photo 30: Sheared mafic volcanic with Fe-carbonate pod stockworked by quartz veining.  
634636/5580745.



Photo 31: Pair of E-W quartz veins in mafic volcanics. Faulted off on west end (top). Trace chalcopyrite-pyrite-sphalerite (?). 634294/5580521.



Photo 32: Moderately-strongly sheared mafic volcanic at intermediate volcanic contact. 634315/5580493.



Photo 33: Strongly sheared mafic volcanics at contact with conglomerate. 633833/5581071.



Photo 34: Fractured quartz vein knot in mafic volcanics along conglomerate contact. 633833/5581071.



Photo 35: Sheared conglomerate along contact with mafic volcanics. Moderately elongated clasts of mostly tonalite. 633932/5581155.



Photo 36: Medium grained reworked dacite tuff (top, south) and quartz-feldspar phyric dacite (bottom, north). Possible tops to south. Recessive weathering spots after feldspar. 632915/5580371.



Photo 37: Rusty pyrite-magnetite bearing chlorite-sericite-carbonate altered psammities. D295233 & D295238.



Photo 38: Rusty pyrite-magnetite bearing chlorite-sericite-carbonate altered psammities. D295234 & D295235.



Photo 39: Strongly oxidized gossanous zone (one of at least three) on island of arenites. Chlorite-sericite-oxide alteration. Light coloured crystals on right side of sample are green-yellow submetallic to resinous sphalerite. Dark crystals are magnetite. Sample D295228. 634212/5580980.



Photo 40: Slaty cleavage development in the arenites. 634421/5581015.





Photo 41: Weakly compressed tonalite pebble wrapped by conglomerate matrix. 634602/5581234.



Photo 42: Rare cherty bands in the arenites. 634843/5581103.



Photo 43: Quartz-tourmaline vein crosscutting foliated interbedded sandy-silty layers. Psammites form flaser-like beds, most likely a result of stretching rather than a primary texture. 635261/5581067.



Photo 44: Amphibolitized mafic volcanics with pods/lenses of epidote alteration. 634539/5580290.



Photo 45: Interbedded mafic volcanics and blue quartz eye phyric dacite. Greenschist facies near isograd (Trusler, 1982: Map P.996). 634760/5580325.



Photo 46: Up to 1m wide pinch-swell barren quartz vein system in chloritic mafic volcanics. Vein offshoots crosscut cut foliation. 634769/5580335.



Photo 47: Barren quartz-coarse tourmaline vein in mafic volcanics. 634788/5580361.



Photo 48: Weak development of non-penetrative S3 (?) fabric oriented ~30 degrees counterclockwise of primary fabric. At contact between metasediments and mafic volcanics. 635668/5580826.



Photo 49: Interbedded intermediate lapilli tuff and mafic lapilli tuff. Dark band is a fine-grained mafic tuff (?). 635637/5580740.



Photo 50: Mafic volcanic at bottom of pic followed by carbonate-sericite altered and sheared quartz-feldspar phyric dacite followed by coarse ankerite and lesser quartz vein with wallrock clasts. 635638/5580721.



Photo 51: Close-up of previous photo. Note wallrock clasts in ankerite-quartz vein. 635638/5580721.



Photo 52: Virtually undeformed tonalite near conglomerate contact. 632723/5580384.



Photo 53: Intermediate volcanics injected by fine grained granodiorite dikes at intrusive contact. 632733/5580393.



Photo 54: Dextral shear tails on tonalite clast in conglomerates. 632882/5581261.



Photo 55: Volcaniclastic mafic lapilli tuff. 632615/5580949.



# Appendix F - Tenure Information



Claim Number	Claim Type	Claim Status	Issue Date	Anniversary	Tenure Holder	Township/Area
615684	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615685	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Houghton Lake Area
615686	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615687	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615688	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615689	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615690	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615691	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Houghton Lake Area
615692	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615693	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Houghton Lake Area
615694	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615695	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Houghton Lake Area
615696	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615697	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Houghton Lake Area
615698	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Houghton Lake Area
615591	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615592	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615593	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Houghton Lake Area
615594	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615595	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615596	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615597	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615598	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615599	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615600	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615601	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Houghton Lake Area
615602	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615603	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615604	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615605	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615606	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615607	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615608	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615609	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615610	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615611	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615612	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615613	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615614	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Armit Lake Area
615615	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615616	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615617	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615618	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615619	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615620	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Watin Lake Area
615621	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615622	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Runway Lake Area
615623	Single Cell	Active	2020-10-16	2022-10-16	(100) Robert L Carpenter	Houghton Lake Area
<b>Fairchild Project tenure status. Yellow highlighted are claims worked in 2021.</b>						

# Appendix G - Costs Breakdown

Expense	Amount	Reference	Date	HST	TOTAL
Assay Costs (ALS)	\$7,344.53	Receipt 1 Analysis ALS	May, 2021	/	\$7,344.53
Lodging (Four Winds)	\$4,818.85	Receipt 2 Four Winds	May, 2021	/	\$4,818.85
Food (Ennis Grocery)	\$1,280.67	Receipt 3 Ennis	May, 2021	/	\$1,280.67
Lodging (Whitesands)	\$932.25	Receipt 4 Whitesands Camp	May, 2021	/	\$932.25
Radio rentals (CRC)	\$542.40	Receipt 5 CRC Radios	May, 2021	/	\$542.40
Sat phone rentals (CRC)	\$779.70	Receipt 6 CRC Sat Phones	May, 2021	/	\$779.70
Rice bags X 50 (ALS)	\$28.82	Receipt 7 Rice Bags ALS	May, 2021	/	\$28.82
Sample Books X 5 (ALS)	\$37.80	Receipt 8 Sample Books ALS	May, 2021	/	\$37.80
Boat Rental (Four Winds)	\$1,921.00	Receipt 9 Boat	May, 2021	/	\$1,921.00
iPad mini (10% of total cost)	\$627.02	Receipt 10 ipads	May, 2021	/	\$627.02
iPad mini cases (10% of total cost)	\$22.39	Receipt 10 ipads	May, 2021	/	\$22.39
iPad software (10% of total cost)	\$294.11	Receipt 11 iPad software-ship	May, 2021	/	\$294.11
iPad shipping (10% of total cost)	\$12.56	Receipt 11 iPad software-ship	May, 2021	/	\$12.56
Truck Rental (National; 2 trucks for 1/2 month @ \$2759.60/month)	\$2,759.60	Receipt 12 Trucks	May, 2021	/	\$2,759.60
<b>TOTAL</b>					<b>\$21,401.70</b>

Clark Geoscience	Labour/rental	TOTAL	Travel	TOTAL	Expenses	TOTAL	Clark 15% Admin Fee	HST	Reference	TOTAL
Scott Morton (Rec A)	16 days @ 550/day	\$8,800.00	/	/	/	/	/	\$1,144.00	Receipts Clark	\$9,944.00
Ryan Hrkac (Rec A)	14 days @ \$650/day	\$9,750.00	833.34km @ \$0.60/km	\$500.00	Food allowance	\$420.00	\$63.00	\$1,395.29	Receipts Clark	\$12,128.29
Quad Rental	16 days @ \$90.00/day	\$2,880.00	/	/	/	/	/	\$374.40	Receipts Clark	\$3,254.40
<b>TOTAL</b>										<b>\$25,326.69</b>

Ethos	Labour	TOTAL	Travel	TOTAL	Expenses	TOTAL	HST	Reference	TOTAL
Ronnie Therriault (April, Prep)	4.0 days @ \$500/day	\$2,000.00	/	/	/	/	\$260.00	Therriault - Totals	\$2,260.00
Ronnie Therriault (May, Field)	15.5 days @ \$600/day; 2.5 days @ \$500/day	\$10,550.00	/	/	/	/	\$1,371.50	Therriault - Totals	\$11,921.50
Ronnie Therriault (Assesment Report)	15 days @ \$500/day	\$7,500.00	/	/	/	/	975	Therriault - Totals	\$8,475.00
Ronnie Therriault (Expenses)	/	/	/	/	Gas	\$200.00	/	Therriault - Totals	\$200.00
Michal Russer (May, Expenses)	/	/	/	/	Food, gas, supplies	\$912.93	/	Russer Totals	\$912.93
Michal Russer (April, Prep)	6.5 days @ \$600/day	\$3,900.00	/	/	/	/	\$507.00	Russer Totals	\$4,407.00
Michal Russer (May, Field)	19 days @ \$600/day	\$11,400.00	/	/	/	/	\$1,482.00	Russer Totals	\$12,882.00
Christopher Geary (January-May Prep)	January-May Prep	\$7,700.00	/	/	/	/	\$1,001.00	Geary - Totals	\$8,701.00
Christopher Geary (January-May Prep)	January-May Prep	/	/	/	Supplies	\$396.32	/	Geary - Totals	\$396.32
<b>TOTAL</b>									<b>\$50,155.75</b>

TOTALS	
Equip & Rentals	<b>\$21,401.70</b>
Clark Geoscience	<b>\$25,326.69</b>
Ethos Personnel	<b>\$50,155.75</b>
<b>TOTAL</b>	<b>\$96,884.14</b>