Y.M.E.P. Report – Focussed Regional Program

describing

ROCK, STREAM & SOIL GEOCHEMICAL SAMPLING

performed between June 11th – June 20th, 2022

on the

MIL PROPERTY

Claim Name	Claim #	Grant ID
MIL	1 to 39	YF83028 - YF83066
MIL	40	YE97075
MIL	41	YE97052
MIL	42 to 44	YE96884 - YE96886
MIL	45	YE96918
MIL	46 to 57	YF83097 - YF83108
MIL	58 to 69	YF83114 - YF83125
MIL	70 to 71	YE96919 - YE96920

Mapsheet NTS 105 E 014

492726 mE, 6859681 mN
NAD83 UTM Zone 8N

located in the

Whitehorse Mining District
Yukon Territory

prepared by

Ryan Burke, B.Sc., G.I.T.

January 2023

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Introduction and Executive Summary

The MIL property covers a brand-new discovery of strongly oxidized, altered and brecciated felsic volcanic rocks in the Yukon, Canada. Preliminary prospecting has defined a structurally controlled, 2,400m by 600m primary target area of anomalous arsenic-antimony-mercury (As-Sb-Hg) geochemistry. Geochemical data, geological mapping and hyperspectral analysis suggest the target is a shallow expression of a preserved epithermal system where significant precious metals mineralization may exist beneath the subsurface.

The property, denoted by a yellow star, is located in the northern-most part of the Stikine terrane (Figure 1; modified from Colpron et al., 2022). The Stikine and Quesnel terranes are located within the Canadian Cordillera and host significant Triassic aged copper-gold porphyry deposits, such as Mt. Milligan (4.8 million ounces Au (Moz)), Mt. Polley (2.3 Moz), and Red Chris (17 Moz).

In addition, Cretaceous rocks from eastern Alaska to southeast Carmacks (Dawson Range) are highly prospective for gold mineralization, exhibiting a variety of mineralization styles including porphyry copper (e.g. 21.1 Moz Casino Cu-Mo-Au deposit; 2.1 Moz Nucleus/Revenue Au-(Ag-Cu-Mo) deposit), epithermal (e.g. past producing Mt. Nansen Au-Ag mine (200,000 oz Au); Rockhaven's Klaza deposit (750,000 oz Au) and structurally controlled hydrothermal (e.g. Newmont's 4 Moz Coffee deposit).

The MIL property is located near the NW-trending crustal-scale Teslin-Thibert fault, which juxtaposes Triassic augite-phyric basalt against Dawson Range volcanics. The regional geological setting of the MIL property (parallel to paleo-arc front, along a terrane-bounding strike-slip fault system) is thus highly prospective for both Triassic and/or Cretaceous-aged mineralization.

This report describes geological mapping and geochemical sampling conducted in June of 2022. The author interpreted all the data in this report and his Statement of Qualifications is provided in Appendix I. A Statement of Expenditures appears in Appendix II.

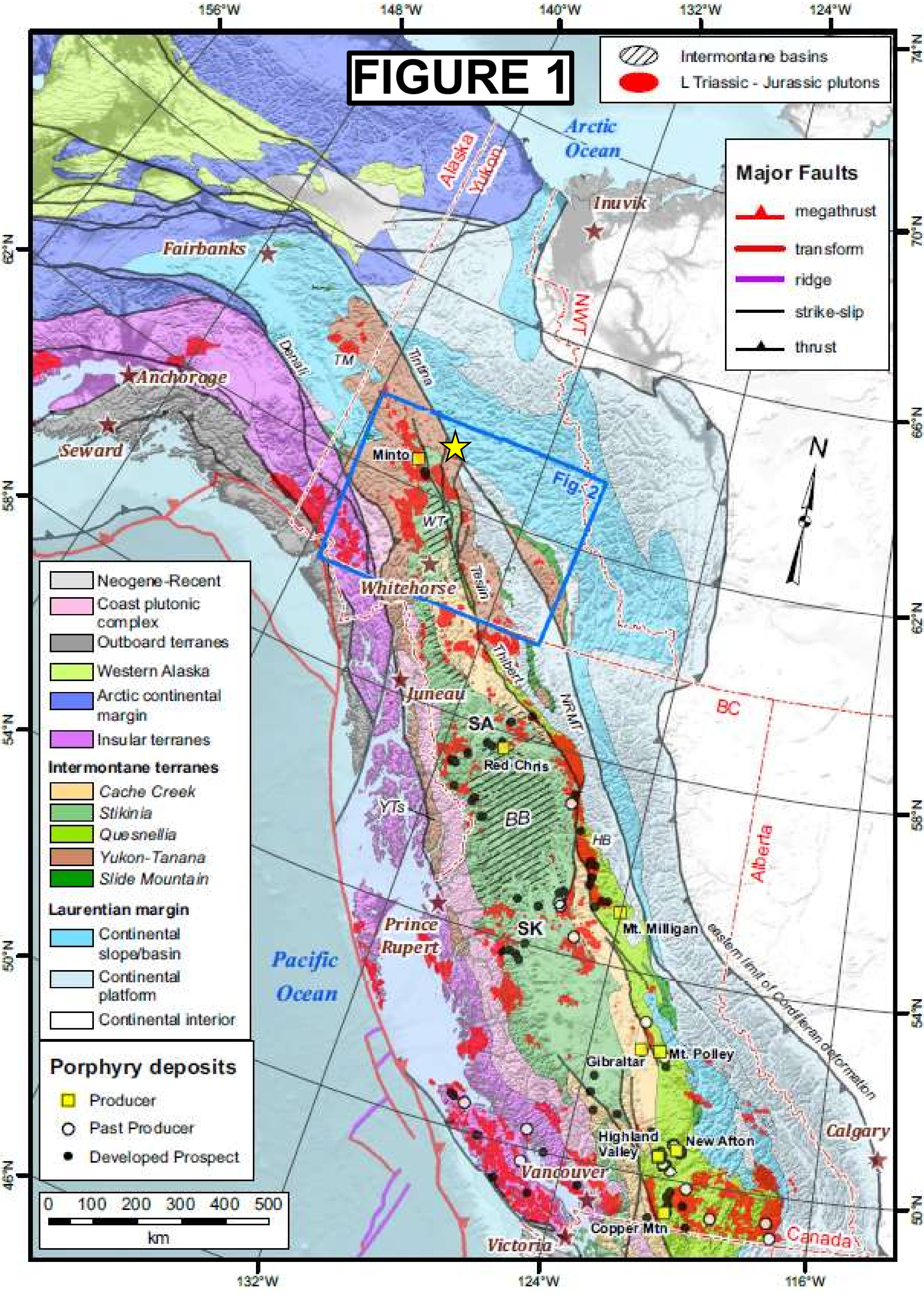


FIGURE 1
Intermontane basins
L Triassic - Jurassic plutons
Major Faults
megathrust
transform
ridge
strike-slip
thrust
Arctic Ocean
Pacific Ocean
Alaska
Yukon
NWT
BC
Alberta
Canada
Fairbanks
Anchorage
Seward
Inuvik
Whitehorse
Juneau
Prince Rupert
Vancouver
Victoria
Calgary
Denali
Tintina
Teslin
Thibert
NRMT
TM
WT
YTs
SA
BB
HB
SK
Fig. 2
Minto
Red Chris
Mt. Milligan
Gibraltar
Mt. Polley
Highland Valley
New Afton
Copper Mtn
eastern limit of Cordilleran deformation
Neogene-Recent
Coast plutonic complex
Outboard terranes
Western Alaska
Arctic continental margin
Insular terranes
Intermontane terranes
Cache Creek
Stikinia
Quesnellia
Yukon-Tanana
Slide Mountain
Laurentian margin
Continental slope/basin
Continental platform
Continental interior
Porphyry deposits
Producer
Past Producer
Developed Prospect
0 100 200 300 400 500
km
156°W
148°W
140°W
132°W
124°W
116°W
74°N
70°N
66°N
62°N
58°N
54°N
50°N
46°N
N

Property Location, Claim Data and Access

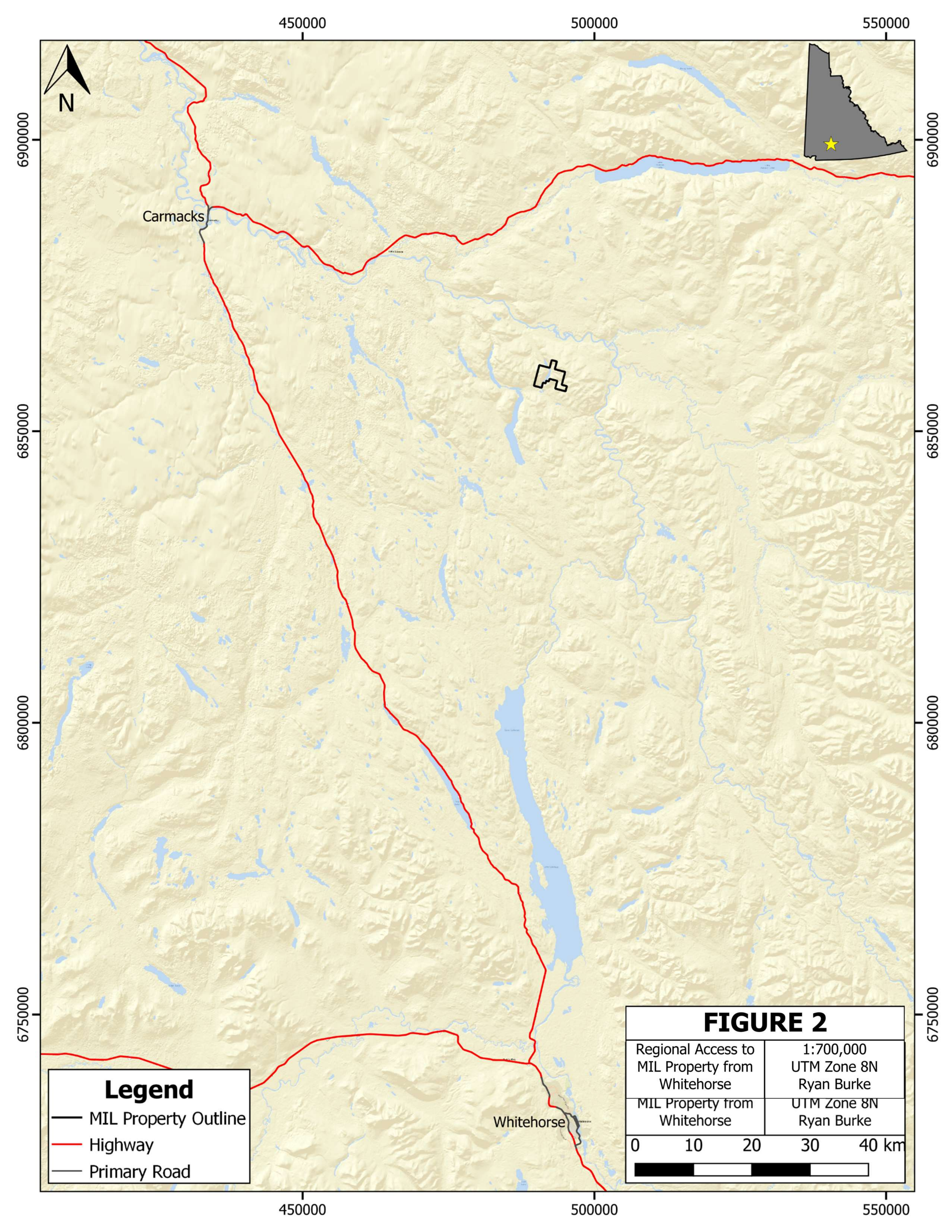
The MIL property is located 55 kilometres east-southeast of the community of Carmacks and 125 km north of the capital city of Whitehorse within the Traditional Territories of the Little Salmon/Carmacks First Nation. The property consists of 71 contiguous claims centred at approximately 492726 mE, 6859681 mN (UTM Zone 8N NAD 1983) on NTS mapsheet 105E/14. These claims cover an area of approximately 1,500 hectares and are registered with the Whitehorse Mining Recorder in the name of Ryan Burke. Claim registration information can be found in Table I; the property location is denoted in Figure 2. A detailed claim map is provided in Figure 3.

Access to and from the project area is by float plane from Schwatka or Braeburn Lake, or by helicopter via Carmacks or Whitehorse. Braeburn Lake is located 100 km north of Whitehorse and Fyfe Lake is an additional 50 km north-northeast of Braeburn Lake. From Braeburn, a float plane dock is available to transport personnel and equipment to Fyfe Lake. Fyfe Lake has shallow dropoffs with flat, mature black spruce and alder forested shoreline. There are many suitable locations for mobilization/demobilization of equipment utilizing either a float-mounted Cessna 206, DHC-2 Beaver, or a DHC-3T Otter.

In 2022, fieldwork was performed by a 4-person crew (Shane Carlos, Luke Carlos, Charlie Pike and Ryan Burke) between June 11th to 20th, 2022. Access to and from the project area was by a combination of truck and float plane. Between June 11th and 20th, truck was used to mobilize crew and equipment from Whitehorse to Braeburn Lake. From there, a Cessna 206 mobilized crew and equipment to and from Fyfe Lake.

Table 1: Claim Registration Information

Grant ID	Claim Name	Claim Number	Owner
YF83028 - YF83066	MIL	1 to 39	Ryan Burke - 100%
YE97075	MIL	40	Ryan Burke - 100%
YE97052	MIL	41	Ryan Burke - 100%
YE96884 - YE96886	MIL	42 to 44	Ryan Burke - 100%
YE96918	MIL	45	Ryan Burke - 100%
YF83097 - YF83108	MIL	46 to 57	Ryan Burke - 100%
YF83114 - YF83125	MIL	58 to 69	Ryan Burke - 100%
YE96919 - YE96920	MIL	70 to 71	Ryan Burke - 100%


450000
500000
550000
6900000
6850000
6800000
6750000
N
Carmacks
Whitehorse
FIGURE 2
Regional Access to MIL Property from Whitehorse
MIL Property from Whitehorse
1:700,000
UTM Zone 8N
Ryan Burke
UTM Zone 8N
Ryan Burke
0 10 20 30 40 km
Legend
MIL Property Outline
Highway
Primary Road

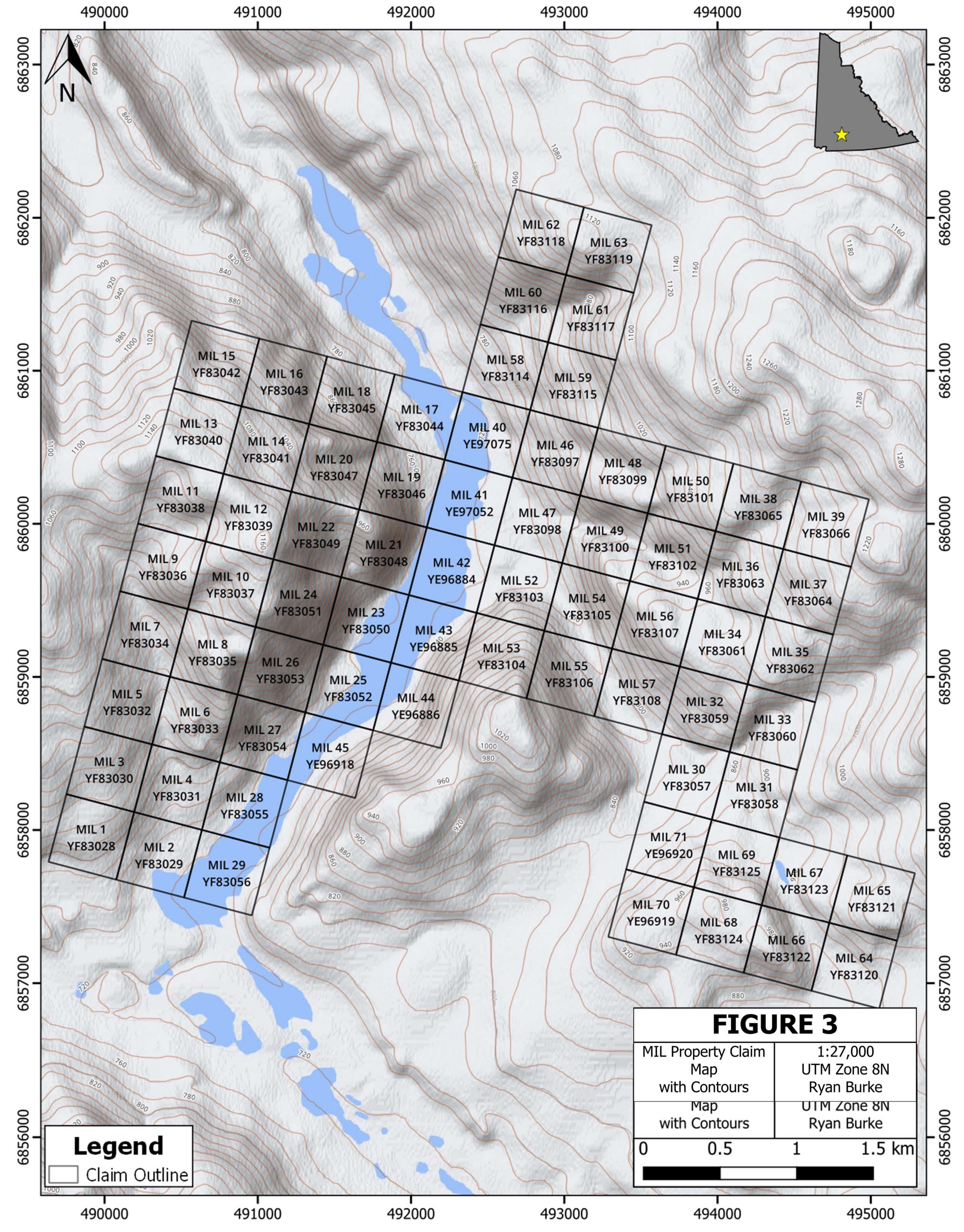


FIGURE 3
MIL Property Claim Map with Contours
1:27,000
UTM Zone 8N
Ryan Burke
Map with Contours
UTM Zone 8N
Ryan Burke
0 0.5 1 1.5 km
Legend
Claim Outline
N
490000
491000
492000
493000
494000
495000
6863000
6862000
6861000
6860000
6859000
6858000
6857000
6856000
MIL 62 YF83118
MIL 63 YF83119
MIL 60 YF83116
MIL 61 YF83117
MIL 58 YF83114
MIL 59 YF83115
MIL 15 YF83042
MIL 16 YF83043
MIL 18 YF83045
MIL 17 YF83044
MIL 40 YE97075
MIL 46 YF83097
MIL 48 YF83099
MIL 50 YF83101
MIL 38 YF83065
MIL 39 YF83066
MIL 13 YF83040
MIL 14 YF83041
MIL 20 YF83047
MIL 19 YF83046
MIL 41 YE97052
MIL 47 YF83098
MIL 49 YF83100
MIL 51 YF83102
MIL 36 YF83063
MIL 37 YF83064
MIL 11 YF83038
MIL 12 YF83039
MIL 22 YF83049
MIL 21 YF83048
MIL 42 YE96884
MIL 52 YF83103
MIL 54 YF83105
MIL 56 YF83107
MIL 34 YF83061
MIL 35 YF83062
MIL 9 YF83036
MIL 10 YF83037
MIL 24 YF83051
MIL 23 YF83050
MIL 43 YE96885
MIL 53 YF83104
MIL 55 YF83106
MIL 57 YF83108
MIL 32 YF83059
MIL 33 YF83060
MIL 7 YF83034
MIL 8 YF83035
MIL 26 YF83053
MIL 25 YF83052
MIL 44 YE96886
MIL 30 YF83057
MIL 31 YF83058
MIL 5 YF83032
MIL 6 YF83033
MIL 27 YF83054
MIL 45 YE96918
MIL 3 YF83030
MIL 4 YF83031
MIL 28 YF83055
MIL 71 YE96920
MIL 69 YF83125
MIL 67 YF83123
MIL 65 YF83121
MIL 1 YF83028
MIL 2 YF83029
MIL 29 YF83056
MIL 70 YE96919
MIL 68 YF83124
MIL 66 YF83122
MIL 64 YF83120

The property lies within the Lewes Plateau. Topography in the area is subdued to moderate with elevations ranging from 720m up to 1160m m in the hills directly west of Fyfe Lake. The entirety of the project area lies below treeline. Vegetation in the area consists of alder, willow, and black spruce with isolated patchy areas of swampy grassland. Satellite imagery indicates steep terrain directly west of Fyfe Lake, including cliffy exposures of outcrop. This area was glaciated during the last ice age. Local ice-flow direction was oriented north to north-westerly (Figure 4; from Duk-Rodkin, 1999).

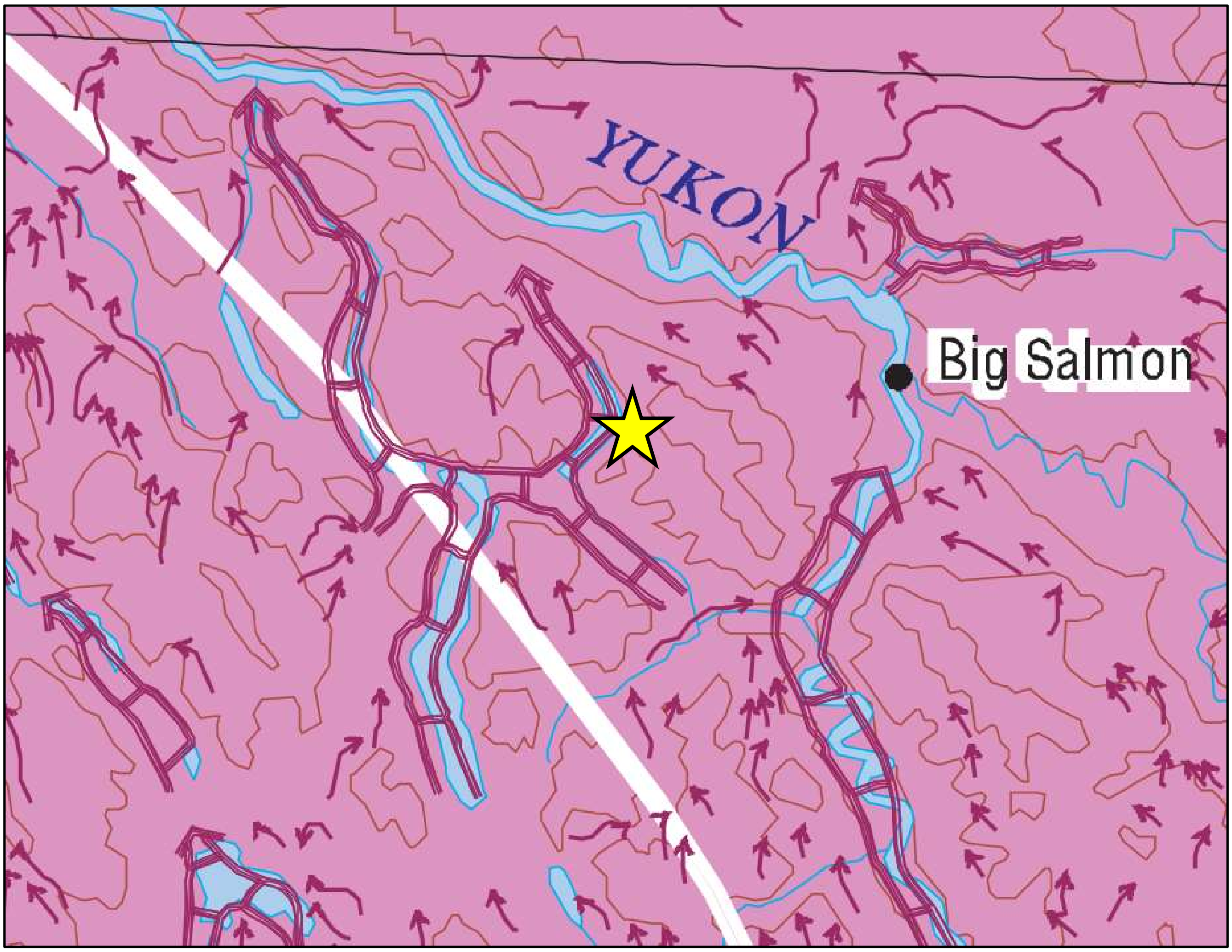


Figure 4: Local ice-flow direction near Fyfe Lake. Ice-flow was oriented north to northwesterly

Exploration History

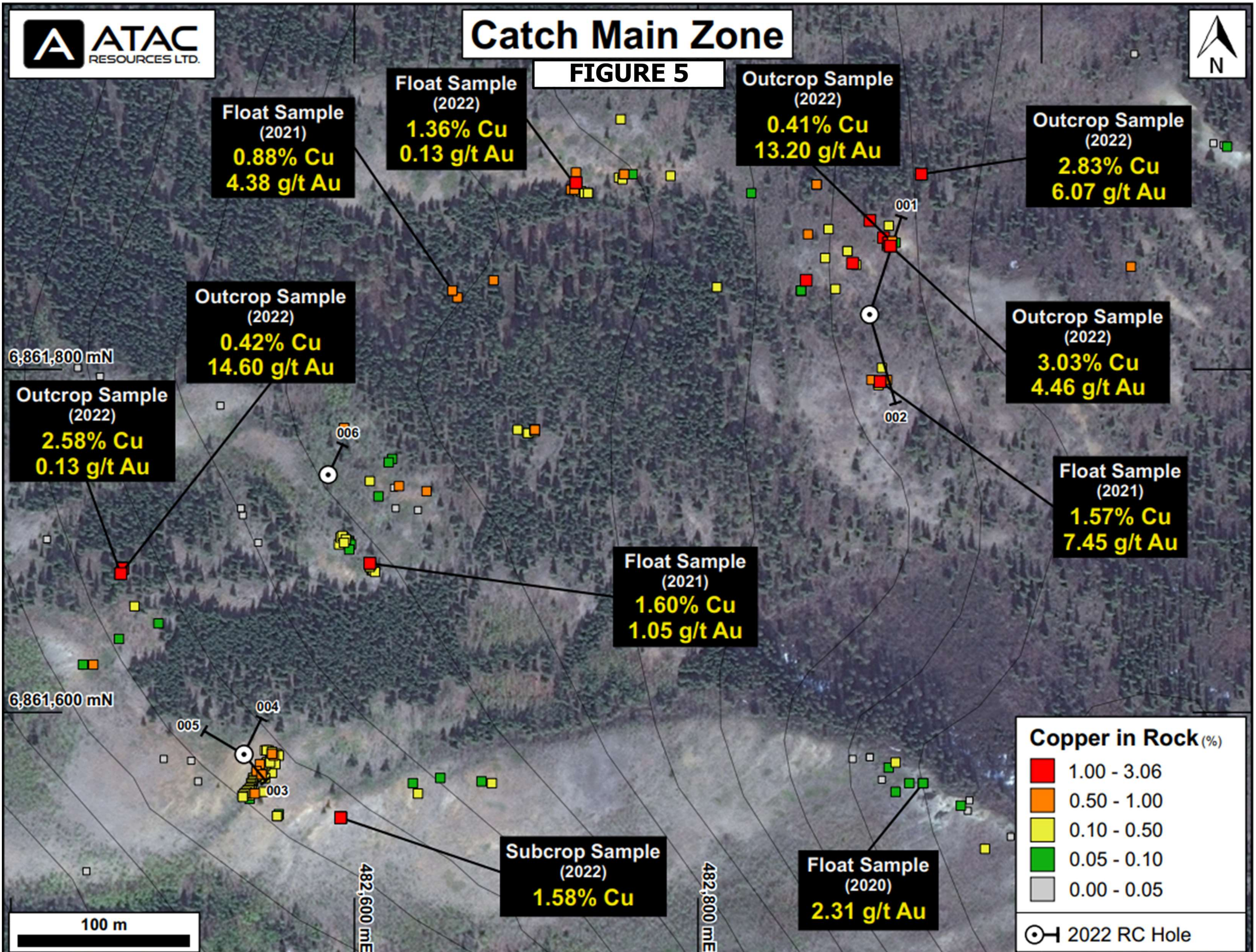
No documented historical exploration work has been recorded in and around the area covered by the MIL claims. The Cassier Bar (Minfile 105E 016), last explored in 1971/1972 by United Keno Explorations is located approximately 8 km SE of the MIL property and is described as,

> "Minor chalcopyrite occurs in Hutshi Group volcanic rocks which are intruded by a small granitic stock. Four grab samples of the best mineralization assayed 0.01 to 1.06% Cu and 0.6.2 to 9.6 g/t Ag."

The only other regional project being explored is the Catch property which is located 9 km to the west of MIL. The author of this report first discovered mineralization on the Catch property in June of 2020 and further explored the property in 2021 with the assistance of the YMEP program. Since January 2022, ATAC Resources Ltd. Has been further exploring the property under an option agreement from the author (see news release, https://atacresources.com/news/news-releases/atac-options-catch-copper-gold-property-yukon/)

A brief summary of the Catch property is given below. Figure 5 illustrates the mineralization found on the project thus far.

> The Catch property is located 9 km west of the MIL property. Three km SW of the Catch lies the NW-trending crustal-scale Teslin-Thibert fault, which juxtaposes Triassic augite-phyric basalt (Semenof Formation) against Cretaceous Dawson Range volcanics (Mt. Nansen Group?).
>
> Property geology consists of Triassic augite-phyric basalt & minor tuff of the Semenof formation. Mineralization on the property to date is spatially associated with biotite quartz-feldspar porphyry dykes and is hosted within augite-phyric basalt. The basalts have undergone extensive propylitic alteration with localized areas of intense oxidation, brecciation and malachite/azurite staining.
>
> Geochemical soil sampling has outlined extensive copper and gold soil anomalism, including 800x 400 m of >400 ppm copper and >0.1 g/t gold in soil;
>
> In 2020 and 2021, rock and trench sampling yielded 77 of 186 (41%) rock samples returning over 0.1 g/t gold, and 88 of 186 samples returning over 0.1% copper (47%). Highlighted results include:
>
> - 52.4 g/t Au, 0.12% Cu, 41.7 g/t Ag
> - 7.45 g/t Au and 1.57% Cu
> - 4.4 g/t Au, 0.88% Cu
> - 2.82 g/t Au, 0.70% Cu
> - 1.3 g/t Au, 1.39% Cu
> - 1.9 g/t Au, 228 ppm Mo
>
> Ten hand trenches, ranging in length from 2m to 25m in length for a cumulative total 80.2 m were dug over a 400 x 250 m area and across a 140 m vertical extent. Results from these trenches averaged 0.22% copper and 0.34 g/t gold.
>
> In 2021, field mapping discovered a 2-m wide biotite-quartz-feldspar porphyry dyke near mineralized discovery trenches exposed intermittently over an 80m length. This feature suggests there may be a buried Triassic or Cretaceous mineralizing system present at depth on the Catch claims.
>
> The regional geological setting of the Catch property (parallel to paleo-arc front, along a crustal scale strike-slip fault system that separates the Quesnel and Stikine terranes) is highly prospective for Triassic porphyry deposits as proven in British Columbia (e.g. Mt. Polley, Mt. Milligan, Red Chris, etc…)
>
> Work to date has confirmed a large Cu-Au mineralized system may exist in this region of the Stikinia and Quesnellia terranes in the northern Canadian Cordillera.


ATAC RESOURCES LTD.
Catch Main Zone
FIGURE 5
N
Float Sample (2021) 0.88% Cu 4.38 g/t Au
Float Sample (2022) 1.36% Cu 0.13 g/t Au
Outcrop Sample (2022) 0.41% Cu 13.20 g/t Au
Outcrop Sample (2022) 2.83% Cu 6.07 g/t Au
001
Outcrop Sample (2022) 3.03% Cu 4.46 g/t Au
002
Outcrop Sample (2022) 0.42% Cu 14.60 g/t Au
6,861,800 mN
Outcrop Sample (2022) 2.58% Cu 0.13 g/t Au
006
Float Sample (2021) 1.57% Cu 7.45 g/t Au
Float Sample (2021) 1.60% Cu 1.05 g/t Au
6,861,600 mN
004
005
003
Subcrop Sample (2022) 1.58% Cu
Float Sample (2020) 2.31 g/t Au
482,600 mE
482,800 mE
100 m
Copper in Rock (%)
1.00 - 3.06
0.50 - 1.00
0.10 - 0.50
0.05 - 0.10
0.00 - 0.05
2022 RC Hole

Regional Geology & Structure

The majority of the regional geology section is summarized from an excellent and extensive recent publication by the Yukon Geological Survey titled: "Atlas of Late Triassic to Jurassic plutons in the Intermontane terranes of Yukon" (Sack, Colpron, et al., 2020):

The Intermontane Terrane in British Columbia and Yukon has undergone a complex evolution over the last several hundred million years. The terrane is composed of a series of crustal blocks that have been accreted and sutured together over time. In Yukon, the terrane is primarily composed of the Cache Creek, Quesnellia, Stikinia and the Yukon-Tanana Terrane (YTT, Fig. 1).

The Cache Creek terrane is composed of oceanic crust and island arc rocks that were accreted to the North American plate during the Late Triassic to Early Jurassic. The Quesnellia terrane is composed of volcanic and sedimentary rocks that were accreted to the North American plate during the Middle to Late Jurassic. The Stikinia terrane is composed of oceanic crust and island arc rocks that were accreted to the North American plate during the Late Jurassic to Early Cretaceous.

The YTT is a large crustal block that is composed of a variety of rock types including volcanic, sedimentary, and plutonic rocks that were accreted to the North American plate during the Late Triassic to Late Jurassic. The terrane is characterized by a complex history of tectonic activity, including multiple episodes of accretion and deformation. The YTT then collided with Quesnellia/Stikinia during the Late Jurassic to Early Cretaceous, resulting in the formation of the Intermontane terrane (Mortensen and Brown, 2007) (Roddick and Mortensen, 2002).

Triassic granitoid plutons intrude the Intermontane terrane in British Columbia, Yukon and easternmost Alaska (Fig. 1). In British Columbia, Triassic plutons are associated with significant porphyry Cu ± Mo ± Au mineralization, but comparatively few copper occurrences are known along the northern extension of this belt in Yukon (Logan and Mihalynuk, 2014). Most porphyry deposits form in the upper 5 km of the crust (Seedorff et al., 2005) with broadly coeval volcanic rocks commonly making up a significant proportion of the surface geology (Sillitoe and Perello, 2005). In some cases, the volcanic rocks can also host significant porphyry mineralization (*e.g.*, Copper Mountain and Mount Milligan). Porphyry Cu-Au ± Ag-Mo deposits are concentrated within the Stikine and Quesnel arc terranes, with most of their economic metal endowment emplaced within a six-million-year pulse centered around 205 Ma. Within Yukon, the Povoas and Semenof formations are regionally extensive Upper Triassic volcanic units that are broadly correlative with the Nicola, Stuhini and Takla groups of British Columbia. The region east of Carmacks is generally poorly exposed and Late Triassic intrusions are apparently sparse. However, Upper Triassic volcanic rocks of Stikinia and Quesnellia could be prospective for Late Triassic porphyry and epithermal deposits in the area southeast of Carmacks (Sack, Colpron et al., 2020) as observed in BC (Fig. 1).

After the Triassic, the Intermontane terrane is further intruded by several suites of granitic rocks ranging in age from early Jurassic (201-174 Ma) to early Tertiary (70-50 Ma). During this time, the mid Cretaceous suite of intrusive rocks (110-90 Ma) is currently believed to be most common age related to gold mineralization (Smith, 2000).

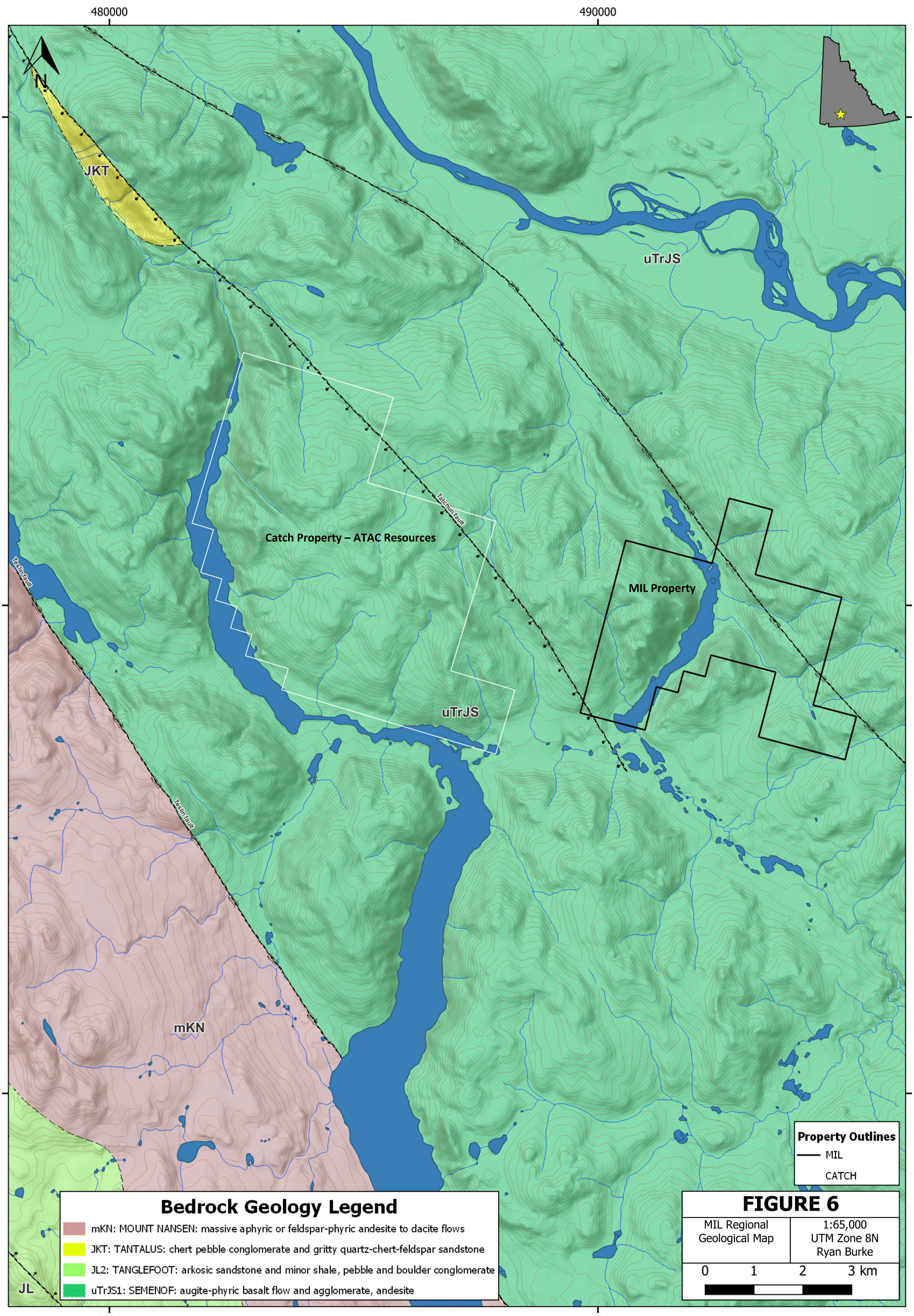
Structurally, the Intermontane terrane is bounded on the north by the Tintina Fault and on the south by the Denali Fault (Fig. 1). These terrane parallel fault systems are major dextral slip faults which form crustal scale sutures and are speculated to have up to 400 km of offset since the late Cretaceous. The Quesnel and Stikine terranes are separated by the Teslin-Thibert fault. This terrane parallel fault system is speculated to have up to 125 km of dextral offset with the majority of offset occurring in the mid-Cretaceous. In addition, large scale, northwest-trending sympathetic faults are also present between the Tintina and Denali Faults, including the Big Creek Fault, Pogo trend, Central Fault and the Richardson lineament (Singh, 2017). These northwest trending structures are less well defined and often occur as broad deformation zones.

Conjugate to these terrane parallel strike-slip faults are numerous northeast trending sinistral faults, such as the Dip Creek, Stewart River, Sixtymile-Pika and Ketchumstuck Faults (Allan, 2013, Sanchez, 2014, O'Neil, 2007).

Within the Yukon, key structural observations from mineralized showings/deposits within the Dawson Range are summarized as follows: (Bennett et al., 2010)

> The predominant regional control in the Dawson Range is the presence of several structural panels bounded by NW-trending first-order fault systems. The Golden Saddle/Arc deposits, Coffee property and Nucleus deposit illustrate the similarities in the structural geometry controlling gold mineralization. Important features to highlight include:
>
> - First-order, presumably crustal-scale, NW– and WNW-trending bounding structures or brittle to brittle-ductile shear zones that subdivide the Dawson Range Mineral Belt into discrete panels or blocks.
> - Second-order, N- and NNW-trending structures that host mineralization
> - Third-order, interior E- to NE-trending structures that are coeval with second order structures and also host mineralization
>
> Importantly, 2nd and 3rd order structures appear to be coeval and have the potential to host significant mineralization at the intersection of these two structures.

The MIL property is located ~10km east of the Teslin-Thibert fault. The majority of the rocks in the area are regionally mapped as Upper Triassic mafic volcanic rocks of the Semenof formation. However, there are mapped felsic volcanic rocks of the Cretaceous Mt. Nansen Group (110-90Ma) ~10 km to the west (Figure 6, mKn). In addition, there are sporadic occurrences of Jurassic Whitehorse Trough sedimentary rocks (Figure 6, JKT) along normal faults that run parallel to the Teslin fault, such as the Tatchun fault.



480000
490000
6870000
6860000
6850000
N
JKT
uTrJS
Tatchun fault
Teslin fault
Catch Property – ATAC Resources
MIL Property
mKN
JL
Property Outlines
MIL
CATCH
Bedrock Geology Legend
mKN: MOUNT NANSEN: massive aphyric or feldspar-phyric andesite to dacite flows
JKT: TANTALUS: chert pebble conglomerate and gritty quartz-chert-feldspar sandstone
JL2: TANGLEFOOT: arkosic sandstone and minor shale, pebble and boulder conglomerate
uTrJS1: SEMENOF: augite-phyric basalt flow and agglomerate, andesite
FIGURE 6
MIL Regional Geological Map
1:65,000
UTM Zone 8N
Ryan Burke
0 1 2 3 km

Property Geology

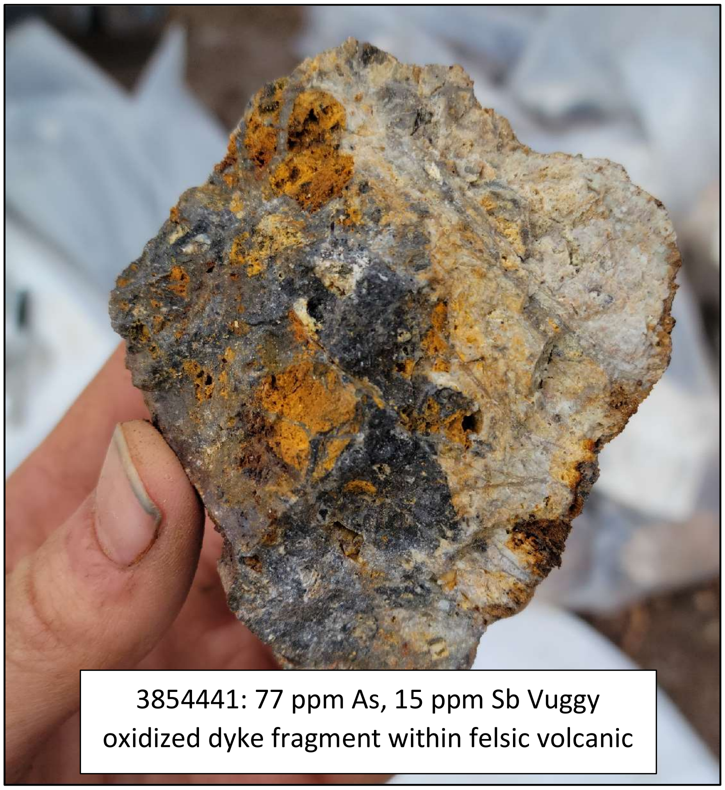
The local geology of the MIL claims has proven to be quite complex. There are many rock units outcropping in the area that are not denoted on the regional bedrock map, which assigns the entirety of the property to be Semenof Formation augite-phyric basalt.

Property geology is masked generally by thick till and dense brush. However, steeper reliefs within the project area do locally exist, where outcrop is well exposed. There is enough outcrop exposure to approximate the lithologies that exist within the project area. The various units encountered during 2022 field mapping are described below, followed by an interpreted geological map (Figure 7) of the property at a 1:20,000 scale:

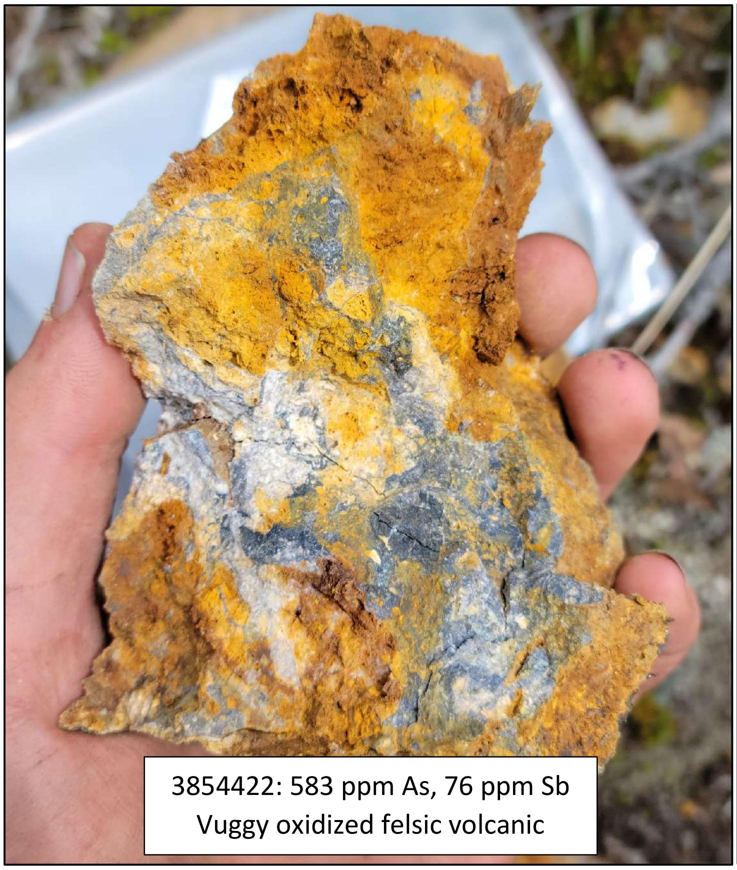
Cretaceous? Felsic Volcanics

Highly variable felsic volcanic unit found across the property. Commonly dark orange to dark red weathered, intensely oxidized and at times almost completely altered to clay. Strongest alteration typically found adjacent to northwest trending fault scarps east of Fyfe Lake. Fracture surfaces are coated with oxides. Stockwork quartz, carbonate and clay veinlets occasionally crosscut alteration. Hematite and goethite are sometimes found along fractures. Varying degrees of brecciation and shearing. Where visible, original feldspar textures are weathered out leaving vuggy cavities.

3854434: 409 ppm As, 42 ppm Sb
Oxidized fault breccia with goethite



3854441: 77 ppm As, 15 ppm Sb Vuggy
oxidized dyke fragment within felsic volcanic



3854422: 583 ppm As, 76 ppm Sb
Vuggy oxidized felsic volcanic

3854312: 358 ppm As, 11 ppm Sb
Dickite-bearing oxidized volcanic

3854444: 2,110 ppm As, 121 ppm Sb from 4-m chip sample

3854372: 2,300 ppm As, 186 ppm Sb. Jigsaw breccia showing paleofront of hydrothermal fluid interacting with overlying volcanic sandstone/tuff?? (front indicated by dashed red line)?

Cretaceous? Quartz-Feldspar Porphyry

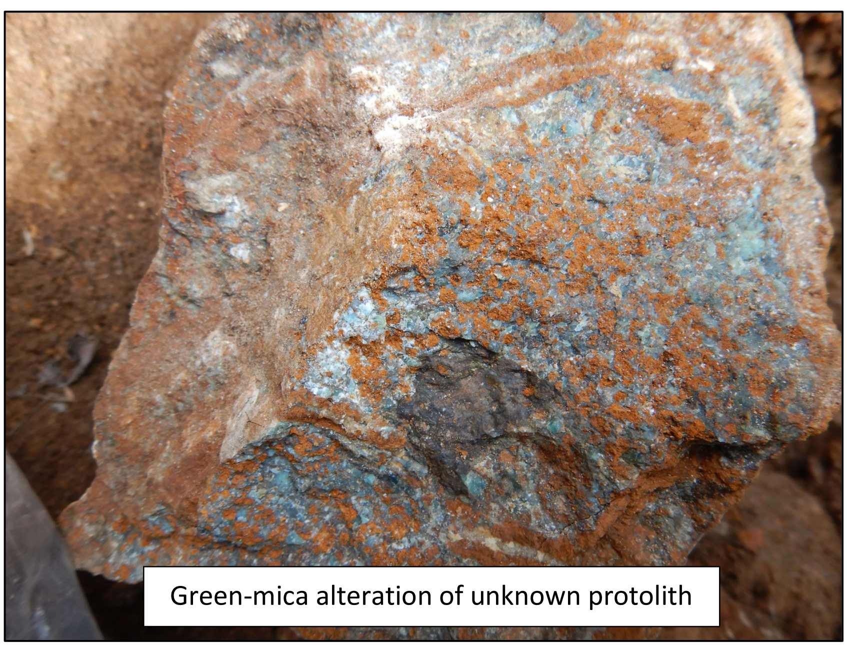
Moderately silicified medium grey, medium grained quartz-feldspar porphyry with weak oxidation on surface. Feldspars are weakly clay altered. Fe-carbonates crosscut locally.

Feldspar porphyry picture taken from castellated outcrop at base of southern creek

Siliceous oxidized feldspar porphyry

Listwaenite Altered Ultramafic?

Moderately oxidized, calcareous light green and orange subangular listwaenite. Feldspars are completely oxidized to orange clays and the groundmass of the original rock has completely altered to a soapy greenish-blue colour. Protolith is difficult to distinguish, however, rock textures indicate relict feldspar within a highly altered groundmass, suggesting the protolith was a porphyritic volcanic rock.



Green-mica alteration of unknown protolith

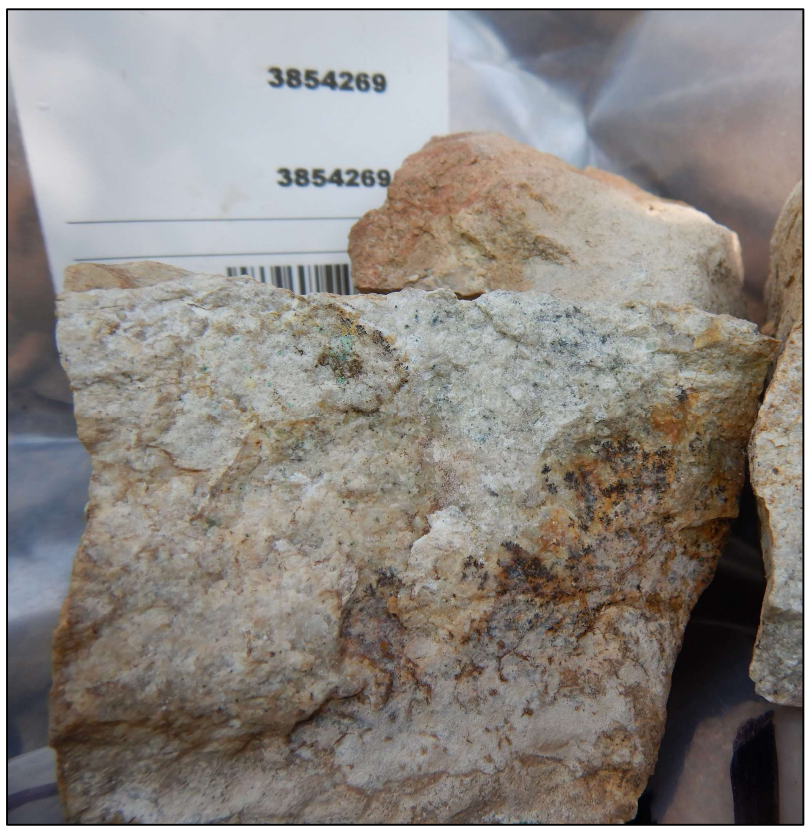
Green alteration of feldspars

Hornblende-phyric Porphyry

Dark maroon to brown, subangular, relatively fresh crowded feldspar porphyry, containing >25% pale white subangular feldspar.

Sodic-Altered Intrusive

Only one 15m by 10m outcrop occurrence of this unit has been found on the property. Fine-grained, medium buff white, weakly oxidized on fracture, subangular intrusive with subvertical jointing. Weak kaolinite alteration and fracture-controlled malachite staining.



Jurassic Mudstone/Sandstone

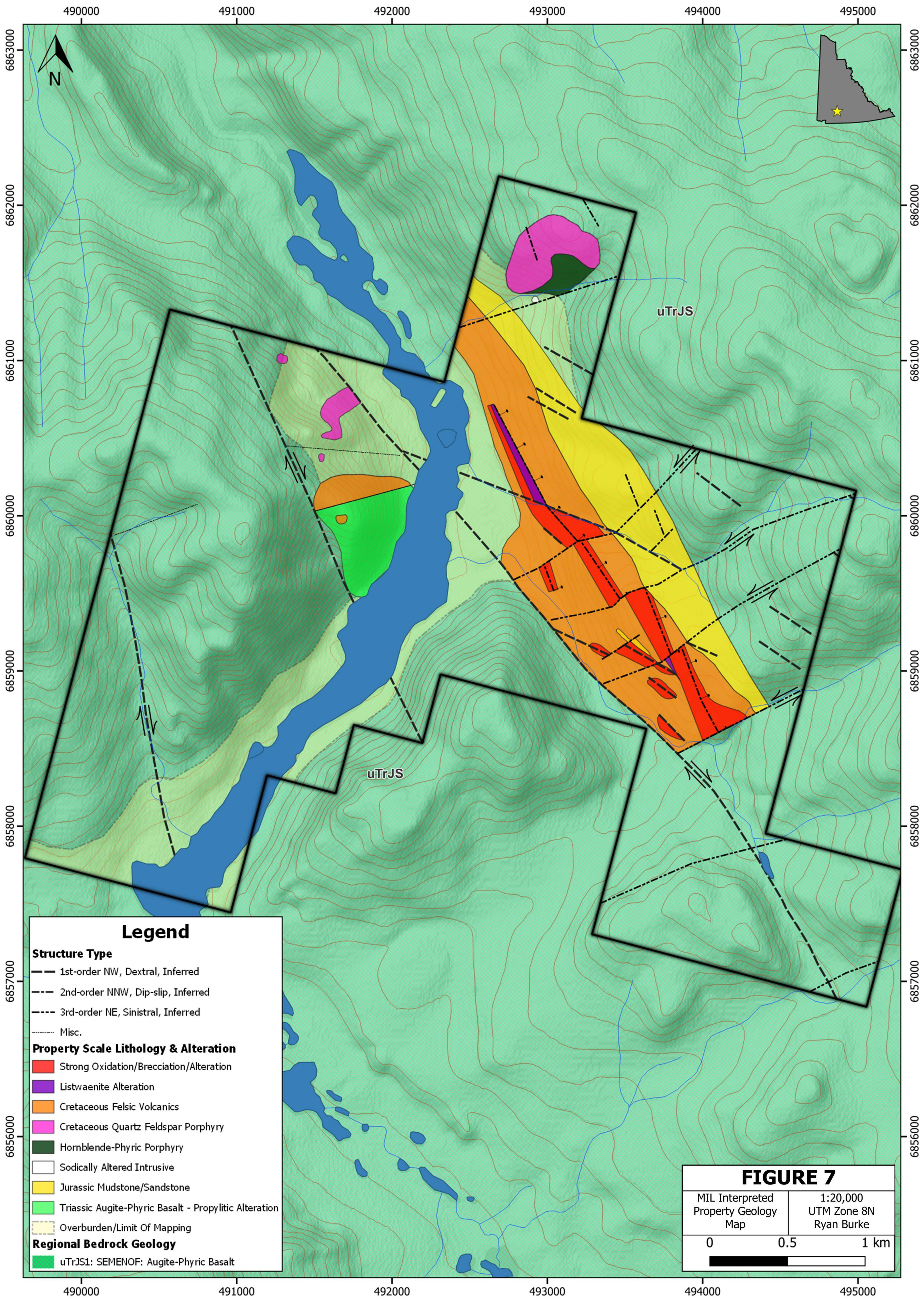
This unit is dark grey, fine-grained mudstone and volcanic sandstone/tuffaceous conglomerate. Variably altered and oxidized and occasionally weakly brecciated. Contains well developed subvertical bedding planes at outcrop scale when no volcanics are nearby. Likely Jurassic sediments based on regionally mapped units of the same occurring to the north and south of MIL. One occurrence of a vuggy clast of felsic volcanic containing a chilled margin (dashed red in below photo) suggests this unit pre-dates the felsic volcanics mapped in the area and could be Cretaceous in age.

Inclined bedding planes outside of main zone far east up a creek

Triassic Augite-Phyric Basalt

Dark greyish green, augite-phyric basalt with quartz, calcite and epidote (propylitic) alteration.

Variably altered, with the strongest propylitic alteration being exposed for a length of one kilometre, decreasing in intensity south of the mapped contact between felsic volcanics and basalt on the west side of Fyfe Lake. One sample collected ~150m south of this propylitically altered contact contains minor hematite-adularia staining within a quartz veinlet (within black ellipse in photo below).



490000
491000
492000
493000
494000
495000
6863000
6862000
6861000
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6859000
6858000
6857000
6856000
N
uTrJS
uTrJS
Legend
Structure Type
1st-order NW, Dextral, Inferred
2nd-order NNW, Dip-slip, Inferred
3rd-order NE, Sinistral, Inferred
Misc.
Property Scale Lithology & Alteration
Strong Oxidation/Brecciation/Alteration
Listwaenite Alteration
Cretaceous Felsic Volcanics
Cretaceous Quartz Feldspar Porphyry
Hornblende-Phyric Porphyry
Sodically Altered Intrusive
Jurassic Mudstone/Sandstone
Triassic Augite-Phyric Basalt - Propylitic Alteration
Overburden/Limit Of Mapping
Regional Bedrock Geology
uTrJS1: SEMENOF: Augite-Phyric Basalt
FIGURE 7
MIL Interpreted Property Geology Map
1:20,000
UTM Zone 8N
Ryan Burke
0
0.5
1 km

Geochemistry Sampling Description & Results

In 2022, exploration consisted of a 10-day field program between June 11th and 20th with a 4-person field crew. The field crew collected 19 stream sediment samples, 65 soil/till/contour fines samples, and 130 rock samples across a 10 km^2 area.

Stream sediment sample locations are denoted in Figure 8. Geochemical results for As, Sb, Hg, and Au are presented in Figure 9. Soil/till/contour sample locations are denoted in Figure 10. Geochemical results for Hg, Mo, As, Au are presented in Figure 11 and results for Sb, Zn, Cu and Ag are in Figure 12. Rock sample locations are denoted in Figure 13. Geochemical results for As, Sb, Cd and Zn are presented in Figure 14. Results for Cu, Cr, Au and Mo are in Figure 15.

Till sampling and contour talus fines samples were collected in areas of steep relief where overburden was interpreted to be non-existent or at shallow depths beneath the subsurface. No samples were collected in thick till. Stream sediment sampling was collected where streams were encountered during field mapping/prospecting. Rock samples were collected from float, subcrop and outcrop. Chip samples were collected where exposures permitted and were geologically warranted.

In addition, 47 select rock samples were sent for Terraspec analysis via ALS Laboratories. The results of the AiSIRIS hyperspectral data are available in Appendix IV. Figure 16 denotes the primary clay minerals (sorted from coolest in blue to hottest in pink).

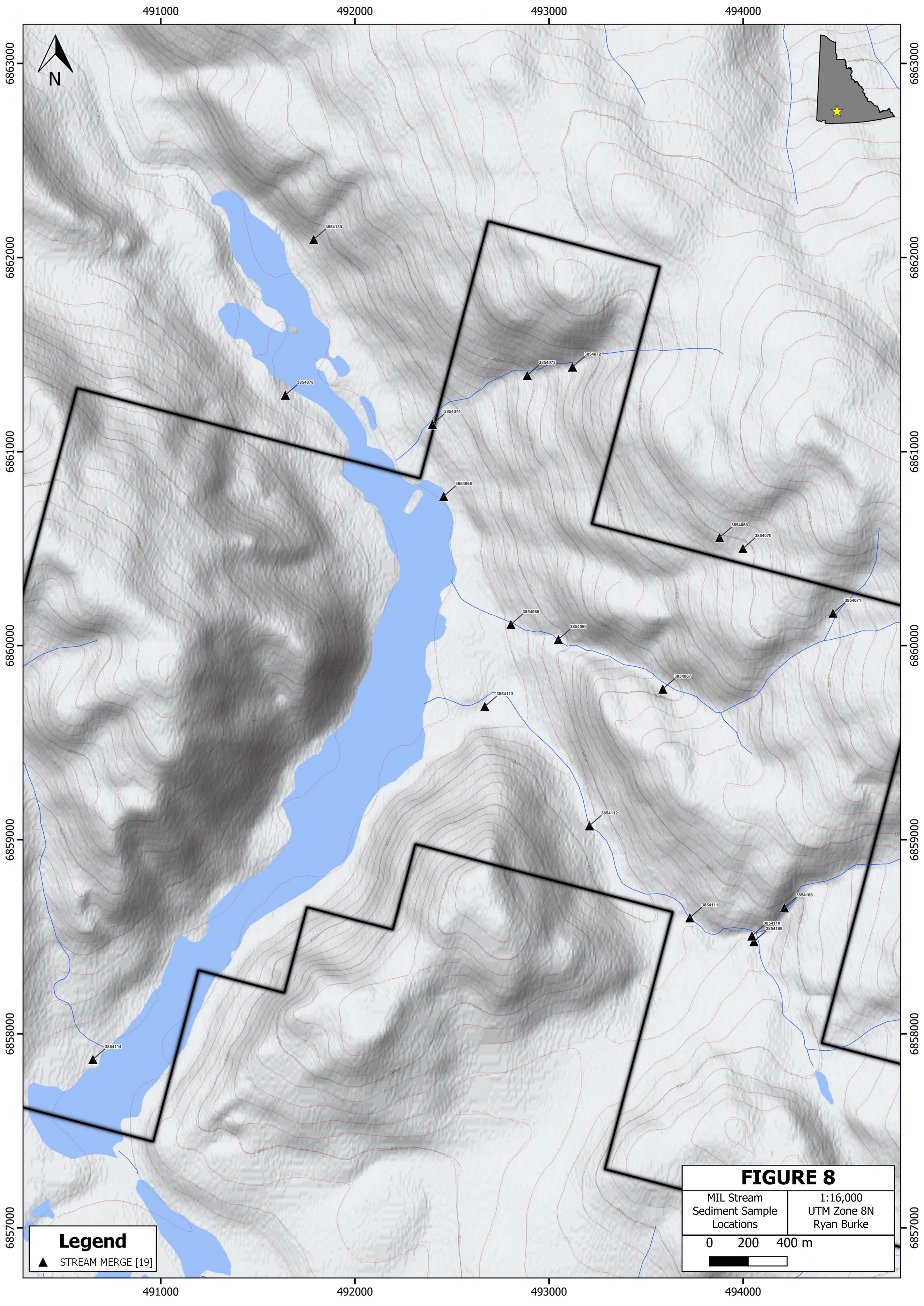


FIGURE 8
MIL Stream
Sediment Sample
Locations
1:16,000
UTM Zone 8N
Ryan Burke
0 200 400 m
Legend
STREAM MERGE [19]
N
491000
492000
493000
494000
6863000
6862000
6861000
6860000
6859000
6858000
6857000
3854130
3854078
3854073
3854072
3854074
3854068
3854069
3854070
3854071
3854065
3854066
3854067
3854113
3854112
3854111
3854108
3854110
3854109
3854114

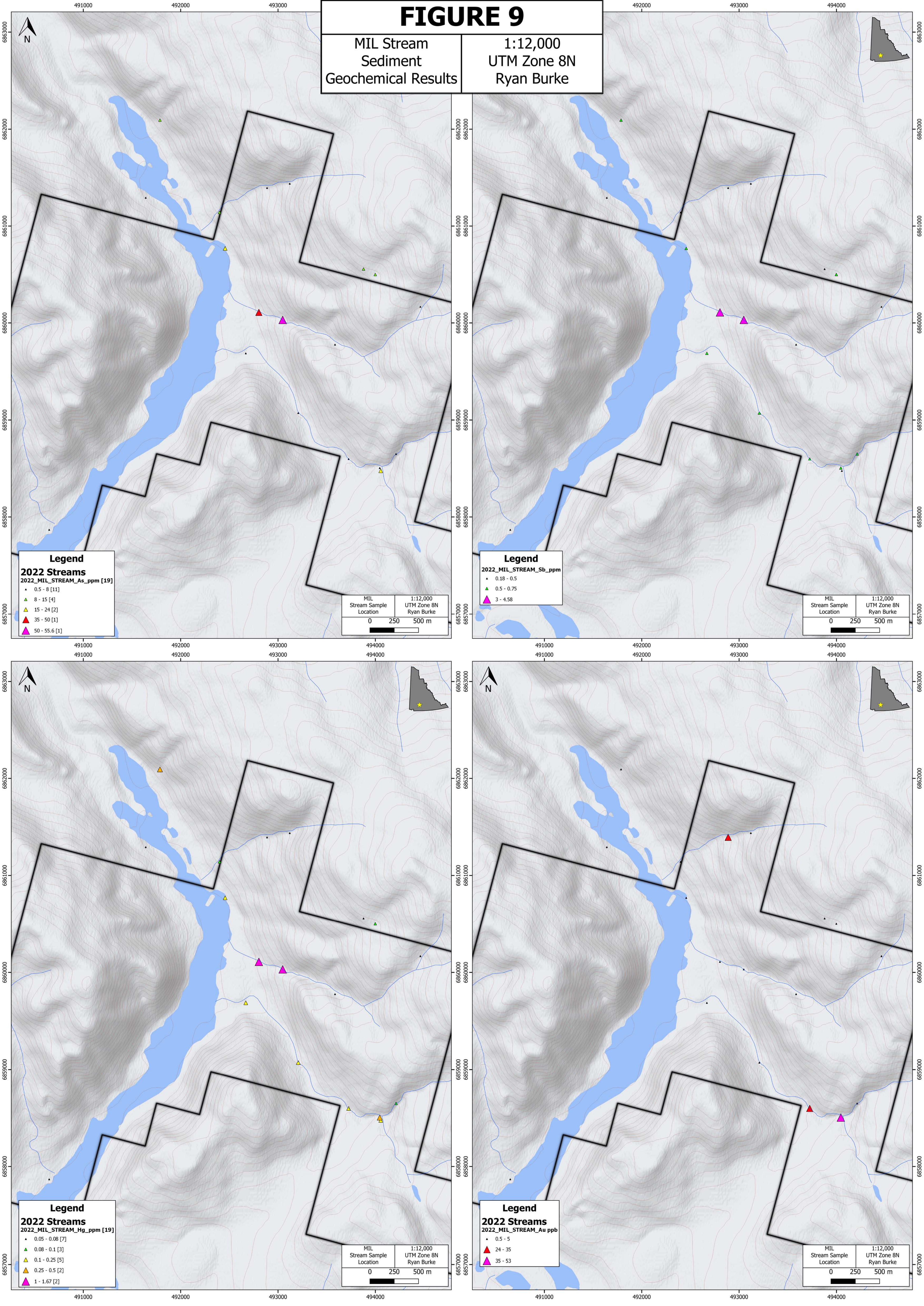


FIGURE 9

MIL Stream Sediment Geochemical Results

1:12,000
UTM Zone 8N
Ryan Burke

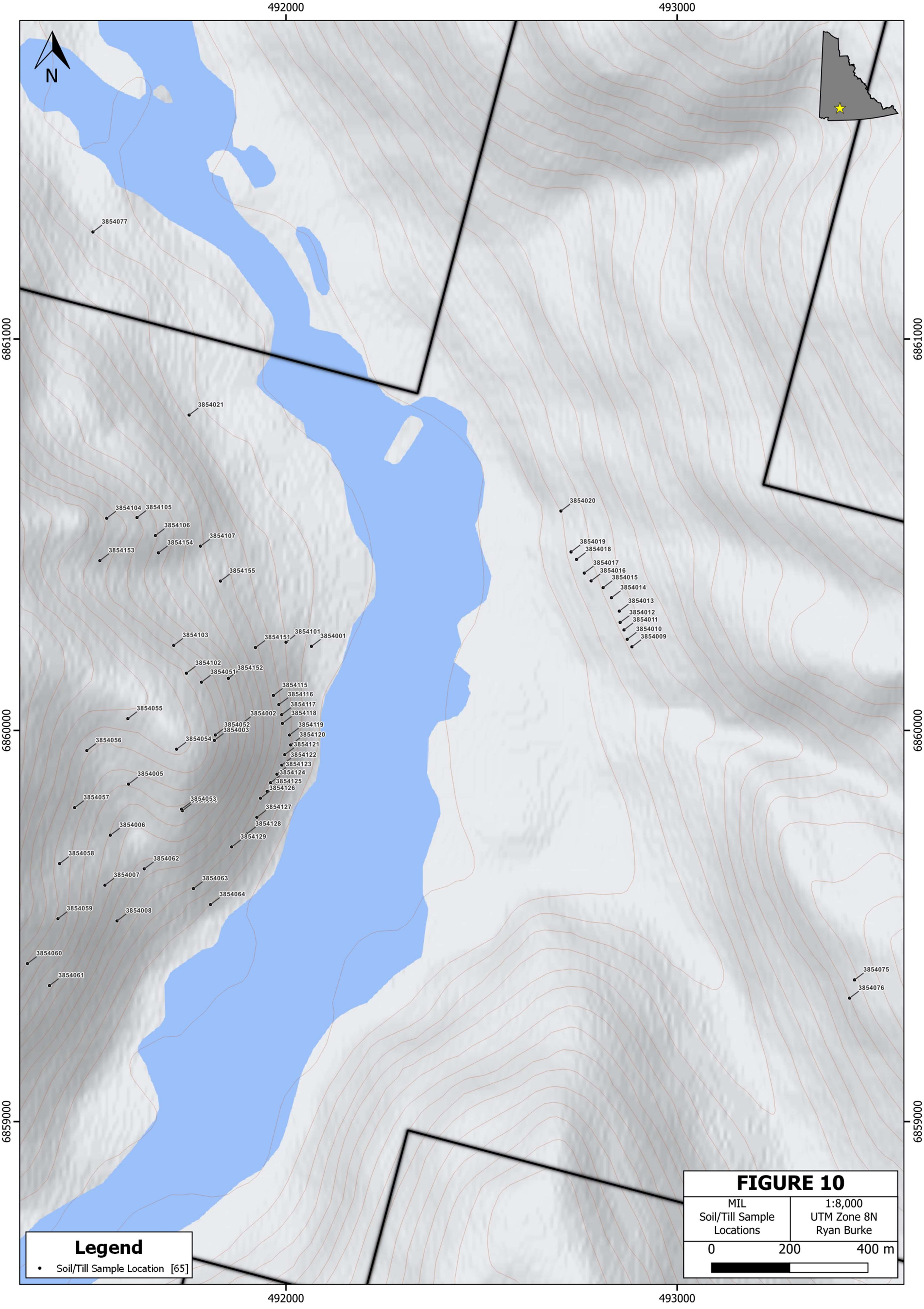
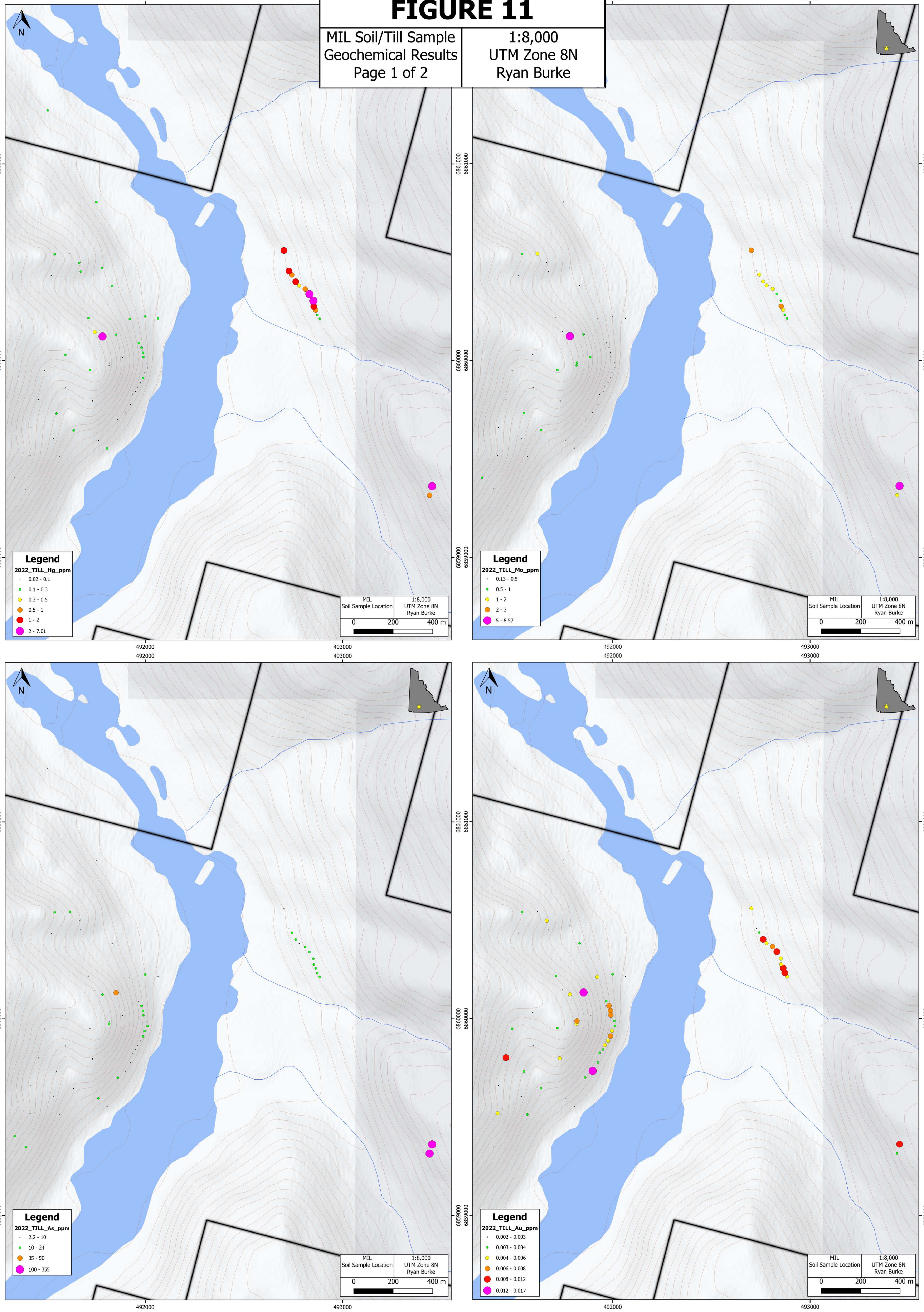

492000
493000
6861000
6860000
6859000
N
3854077
3854021
3854104
3854105
3854106
3854107
3854154
3854153
3854155
3854103
3854151
3854101
3854001
3854102
3854051
3854152
3854115
3854116
3854117
3854118
3854002
3854055
3854052
3854003
3854119
3854120
3854054
3854056
3854121
3854122
3854123
3854005
3854124
3854125
3854126
3854057
3854053
3854127
3854006
3854128
3854129
3854058
3854062
3854007
3854063
3854064
3854059
3854008
3854060
3854061
3854020
3854019
3854018
3854017
3854016
3854015
3854014
3854013
3854012
3854011
3854010
3854009
3854075
3854076
Legend
Soil/Till Sample Location [65]
FIGURE 10
MIL
Soil/Till Sample Locations
1:8,000
UTM Zone 8N
Ryan Burke
0
200
400 m

FIGURE 11

MIL Soil/Till Sample Geochemical Results Page 1 of 2	1:8,000 UTM Zone 8N Ryan Burke



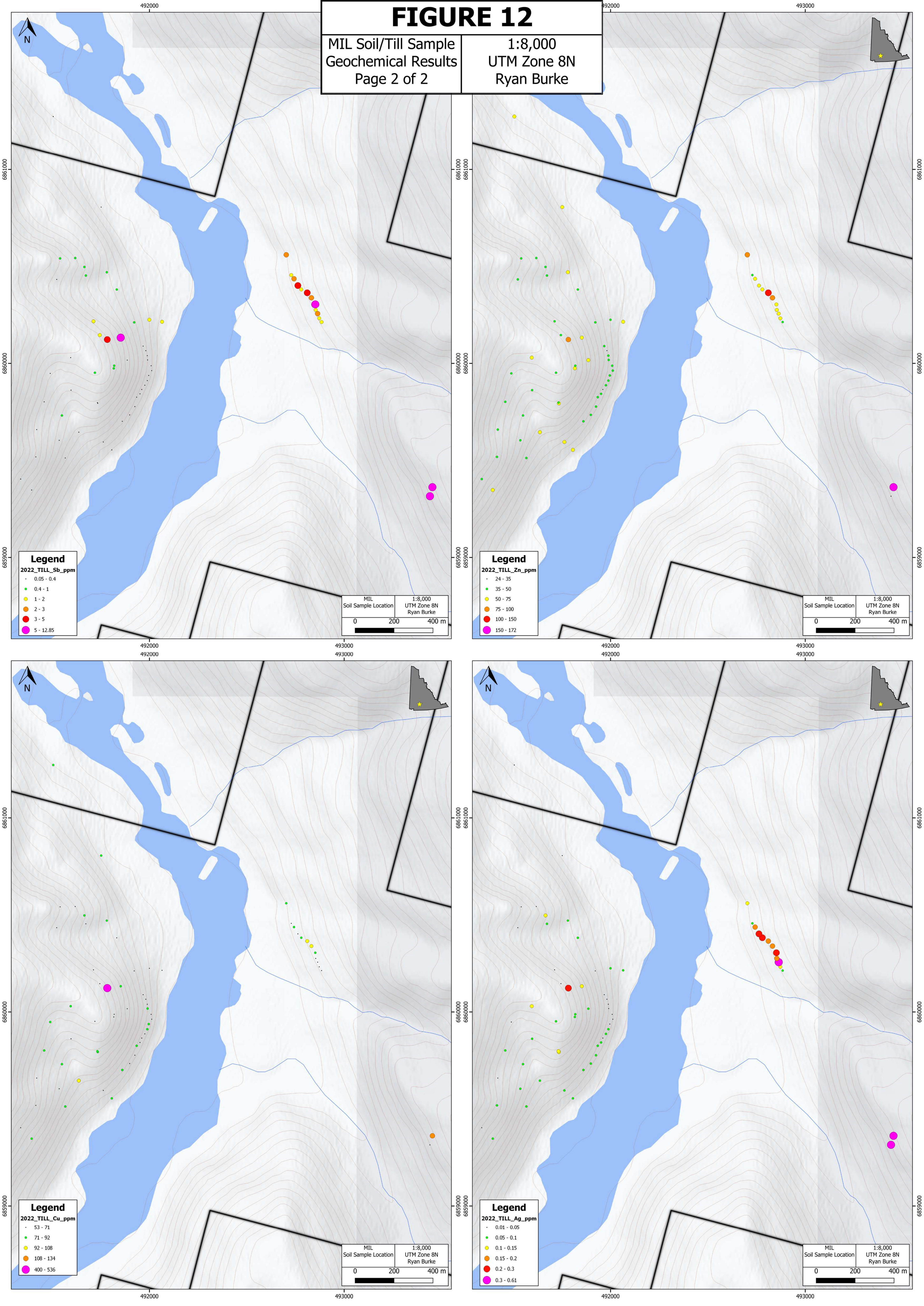


FIGURE 12
MIL Soil/Till Sample Geochemical Results Page 2 of 2
1:8,000
UTM Zone 8N
Ryan Burke
492000
493000
6861000
6860000
6859000
N
Legend
2022_TILL_Sb_ppm
0.05 - 0.4
0.4 - 1
1 - 2
2 - 3
3 - 5
5 - 12.85
Legend
2022_TILL_Zn_ppm
24 - 35
35 - 50
50 - 75
75 - 100
100 - 150
150 - 172
Legend
2022_TILL_Cu_ppm
53 - 71
71 - 92
92 - 108
108 - 134
400 - 536
Legend
2022_TILL_Ag_ppm
0.01 - 0.05
0.05 - 0.1
0.1 - 0.15
0.15 - 0.2
0.2 - 0.3
0.3 - 0.61
MIL Soil Sample Location
1:8,000 UTM Zone 8N Ryan Burke
0 200 400 m

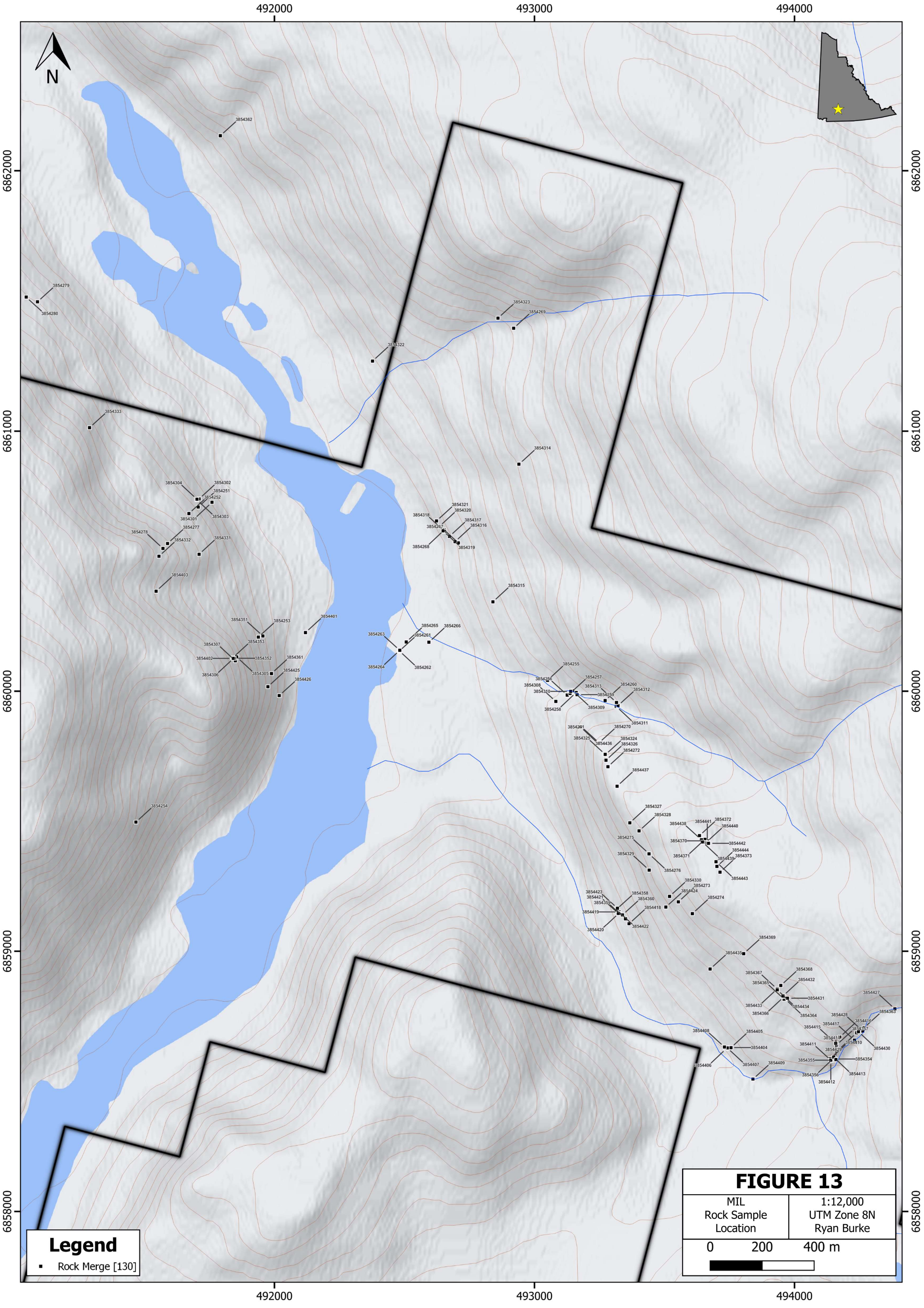


FIGURE 13
MIL
Rock Sample
Location
1:12,000
UTM Zone 8N
Ryan Burke
0 200 400 m
Legend
Rock Merge [130]
N
492000
493000
494000
6862000
6861000
6860000
6859000
6858000

FIGURE 14

MIL Rock Sample Geochemistry Results Page 1 of 2

1:12,000 UTM Zone 8N Ryan Burke

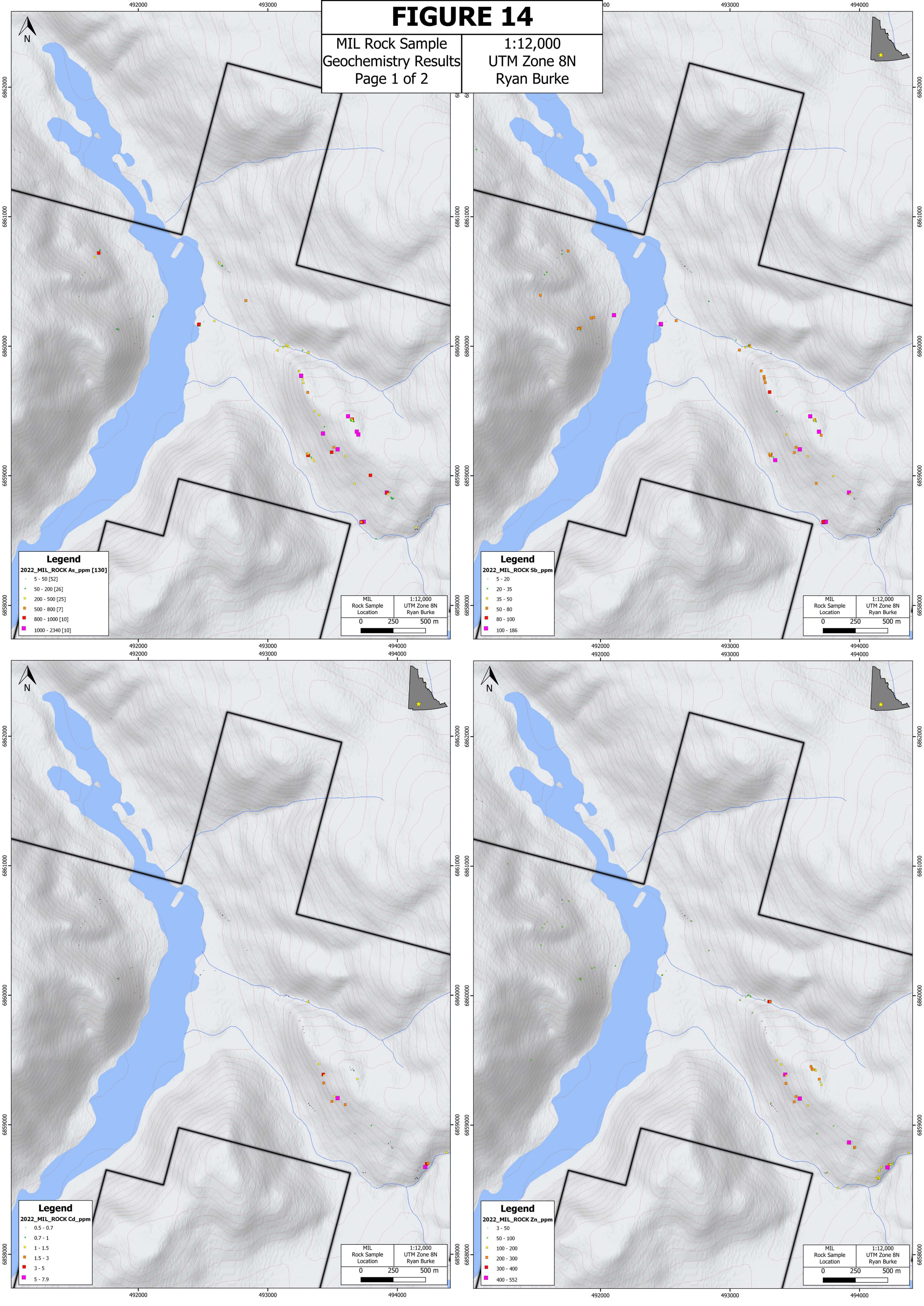
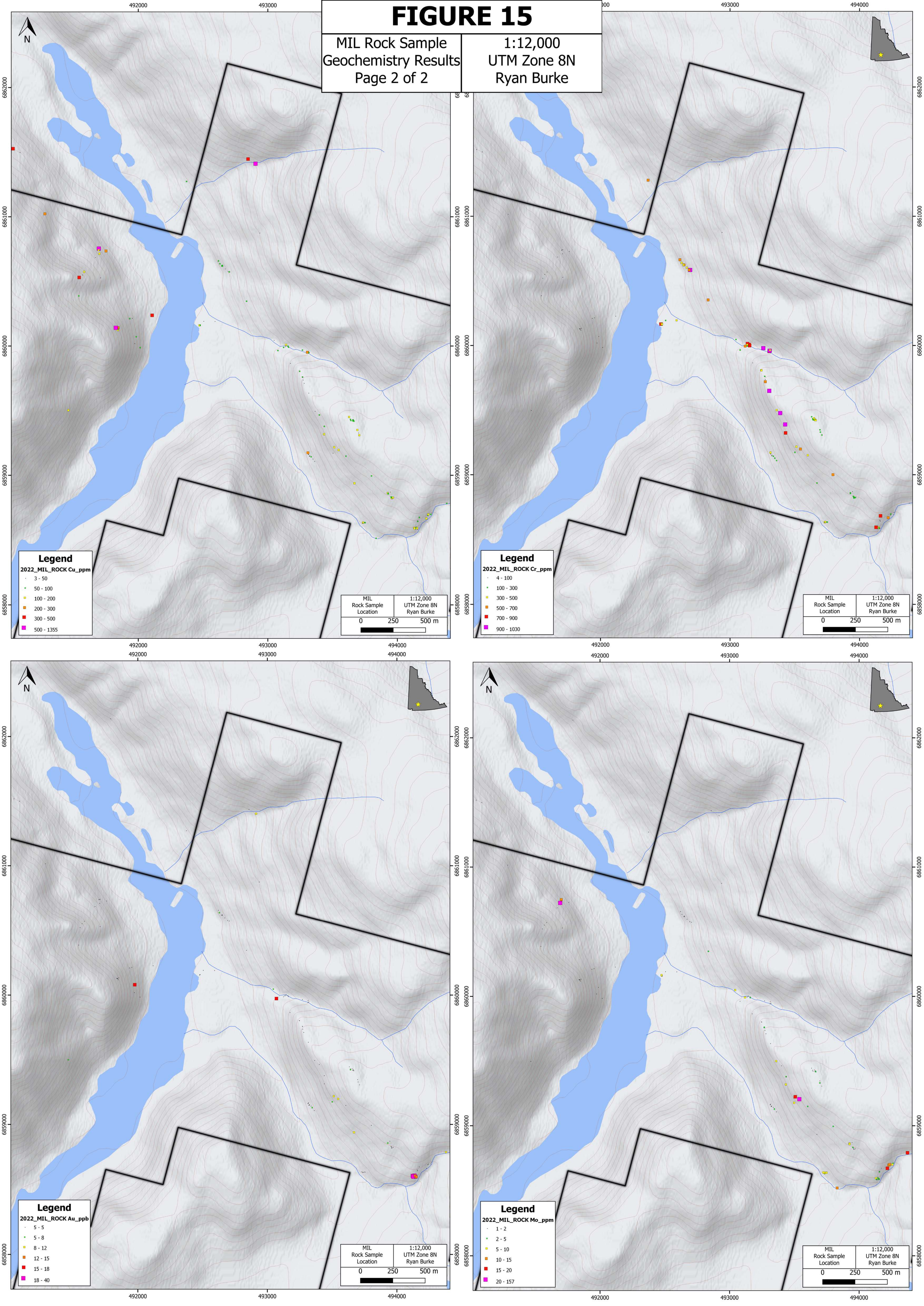
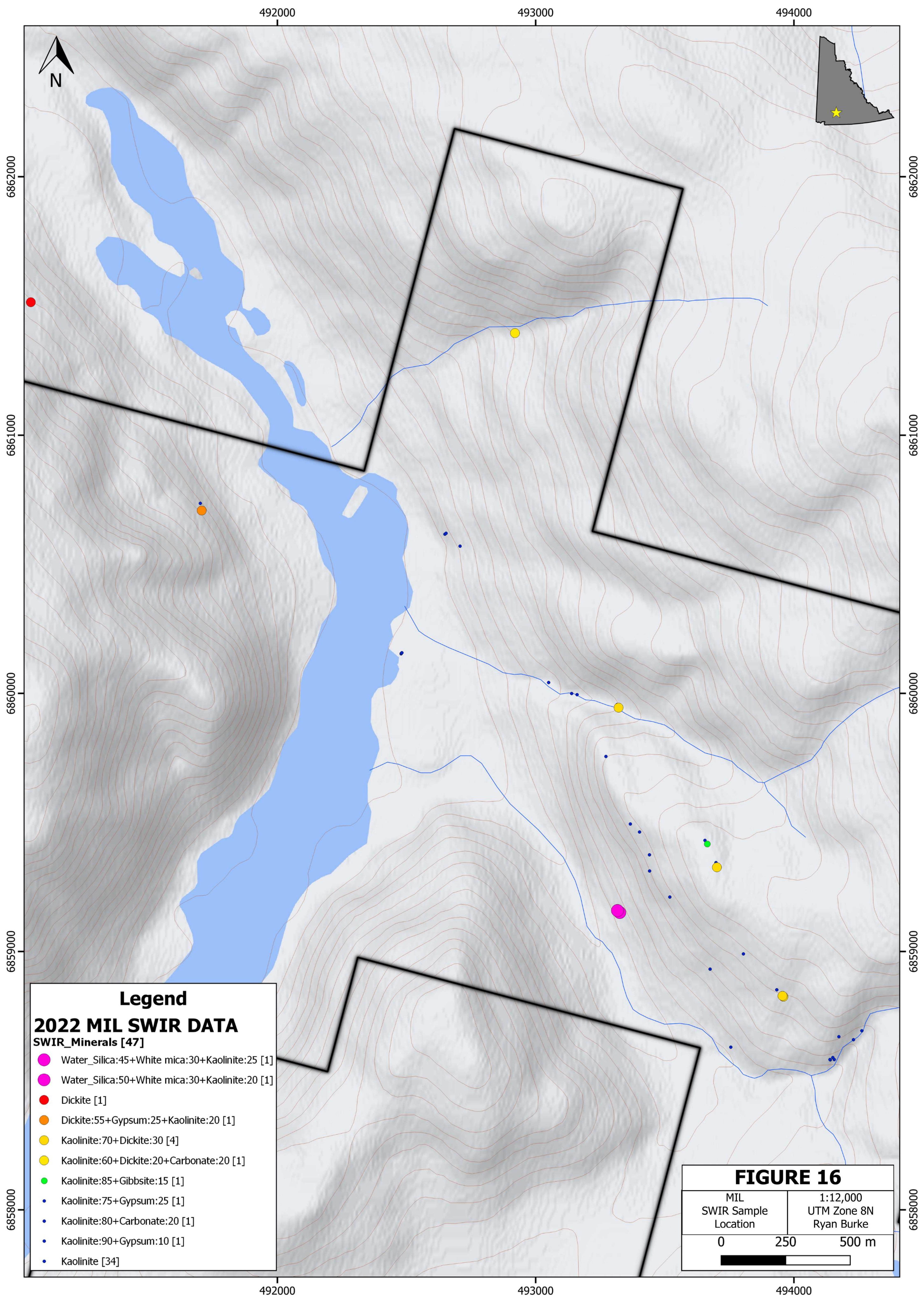


FIGURE 15

MIL Rock Sample Geochemistry Results Page 2 of 2	1:12,000 UTM Zone 8N Ryan Burke





492000
493000
494000
N
6862000
6861000
6860000
6859000
6858000
Legend
2022 MIL SWIR DATA
SWIR_Minerals [47]
Water_Silica:45+White mica:30+Kaolinite:25 [1]
Water_Silica:50+White mica:30+Kaolinite:20 [1]
Dickite [1]
Dickite:55+Gypsum:25+Kaolinite:20 [1]
Kaolinite:70+Dickite:30 [4]
Kaolinite:60+Dickite:20+Carbonate:20 [1]
Kaolinite:85+Gibbsite:15 [1]
Kaolinite:75+Gypsum:25 [1]
Kaolinite:80+Carbonate:20 [1]
Kaolinite:90+Gypsum:10 [1]
Kaolinite [34]
FIGURE 16
MIL
SWIR Sample
Location
1:12,000
UTM Zone 8N
Ryan Burke
0
250
500 m

Discussions and Conclusions

Stream sediment geochemistry has outlined two anomalous creeks which bound a broadly sloped NW-trending ridge. The northern creek is elevated in arsenic, antimony and mercury values. The southern creek contains two anomalous gold values (29 and 53 ppb Au). In addition, a 25 ppb Au stream sample is located in the creek immediately downslope of a mapped sodic-altered intrusion with anomalous copper values (sample 3854269, 0.14% Cu).

Rock geochemical results within this area further define an elliptical, northwest-trending anomalous zone of As-Sb geochemistry that measures approximately 2,400m by 600m. Of note, a 4-m chip sample (taken perpendicular to this trend – oriented NE) across strongly oxidized, brecciated felsic volcanics (sample 3854444) returned 2,110 ppm As and 121 ppm Sb, as well as dickite. Another NE-oriented 2-m chip sample taken 600m to the SE (along strike) of similar material returned 955 ppm As and 133 ppm Sb, as well as dickite.

SWIR data demonstrates the occurrence of quartz, sericite and dickite coincident with the eastern limit of the main geochemical anomaly along a 1,400m distance. Dickite occurs as a result of weathering of feldspars as they interact with acidic hydrothermal fluids and temperatures ranging from ~200-300 degrees Celsius. The occurrence of dickite is definitive evidence of hydrothermal fluid activity along mapped faults in the area.

Rock sampling has further defined a 1,200 by 600m zone, where 22 of 52 rock samples returned values greater than 500 ppm As, with the **average value across the 22 samples being 1120 ppm As and 92 ppm Sb.** This area also contains anomalous Zn-Cd values. Zinc and cadmium are found in the same column of the periodic table as mercury. Therefore, it is reasonable to assume that coincident zinc-cadmium anomalies may indicate elevated mercury due to natural elemental affinity for these elements to occur together. Southeast of this area occurs a gold anomaly within 6 rock samples, with samples ranging between 18 to 40 ppb Au.

One rock sample of silicified quartz-feldspar porphyry from the west of Fyfe Lake returned 157 ppm Mo and 853 ppm As. Only 6 samples have been collected from this 200 by 200m gossanous outcropping of altered felsic volcanics.

Adularia is an indicator of epithermal mineralization. One sample (3854426) was identified visually to contain trace amounts of adularia. This sample was taken within extensively propylitic altered Triassic augite-phyric basalt, containing abundant 1-10cm stockwork quartz-carbonate veining. This is additional evidence of hydrothermal activity in the area.

Early-stage results on the MIL property warrant further work. Geological mapping has identified a strong NW-trending dextral strike-slip component to observed mineralization, with secondary NE-trending sinistral offsets along conjugate structures. This structural setting is known to be an important control on mineralization and has been consistently observed throughout the Dawson Range into eastern Alaska.

The MIL property covers a brand-new discovery of strongly oxidized, altered and brecciated felsic volcanic rocks in the Yukon, Canada. Preliminary prospecting has defined a 2,400m by 600m primary target area of anomalous arsenic-antimony-mercury (As-Sb-Hg) geochemistry. Geochemical data, geological mapping and hyperspectral analysis suggest the target is a shallow expression of a preserved epithermal system where significant precious metals mineralization may exist beneath the subsurface.

Work Recommendations

The following is recommended for future work on the MIL property:

- Gridded geochemical soil/till sampling oriented 050 across the 330-degree trending anomalous zone outlined from 2022 rock sampling
- Targeted contour sampling in areas of steep relief and little till cover east of Fyfe Lake
- Follow-up prospecting on anomalous Sb, As, Au & Mo rock samples from 2022
- Drone or LiDAR surveying over the claim block
- Airborne or ground magnetic and very low-frequency electromagnetic survey to delineate potential intrusions at depth
- Induced Polarization (IP) survey to delineate extend and intensity of disseminated pyrite within altered basalts

Contingent upon positive results from further work, preliminary rotary air blast (RAB), reverse circulation (RC), or diamond drilling on the most prospective targets is recommended.

Respectfully submitted,

Ryan Burke, B.Sc., G.I.T

References

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2014 Extracting ore-deposit-controlling structures from aeromagnetic, gravimetric, topographic, and regional geologic data in western Yukon and eastern Alaska. Interpretation. 2. SJ75-SJ102. 10.1190/INT-2014-0104.1.

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APPENDIX I – STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Ryan Burke, geologist in training, with business and residential addresses in Whitehorse, Yukon Territory, do hereby certify that:

1. I graduated in 2018 from Memorial University of Newfoundland and Labrador with a B.Sc. (Hons.) in Geological Sciences.

2. I am currently registered as a Geoscientist In Training (G.I.T.) with Professional Engineers & Geoscientists Newfoundland & Labrador (PEGNL).

3. I have worked every summer since 2010 in a role related to the mineral exploration industry within the Yukon.

4. I have participated in this field program and personally interpreted all data resulting from this work.

Ryan Burke, B.Sc., G.I.T.

APPENDIX II – STATEMENT OF EXPENDITURES

Statement of Expenditures - MIL 2022		
Wages	$	15,500.00
Daily field allowance	$	4,000.00
Truck/Mileage	$	740.00
Supplies	$	582.95
Analyses	$	11,263.81
Report Writing	$	2,026.10
Air Transportation	$	7,895.24
WCB coverage	$	540.00
TOTAL	**$**	**42,548.10**

APPENDIX III – GEOCHEMICAL SAMPLE HANDLING AND ANALYTICAL PROCEDURES

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

All rock and till samples collected during the 2022 program were sorted into rice bags and sealed with a plastic zap strap on the MIL property. Samples were brought to Whitehorse by field personnel.

All samples were delivered by truck to ALS Laboratories (ALS) in Whitehorse, Yukon.

Rock Geochemical Samples

All rock sample sites in 2022 were marked with flagging tape labelled with the sample number. The location of each sample was determined using a handheld GPS unit. All samples sent for shipment were bagged in a plastic ore bag with an individually pre-numbered sample tag placed in each bag.

The rock samples were processed and prepared at ALS in Whitehorse, Yukon where they were dried and fine crushed to –2 mm. A 250 g split was then pulverized to 75 micron, and then shipped to ALS Labs in Vancouver, British Columbia. Rock samples were analyzed for gold by the Au-AA23 procedure which involves fire assay preparation using a 30 gram charge with an atomic absorption spectroscopy finish. Multi-element data for 48 elements was determined by the ME-MS61 procedure, which involves a four-acid digestion followed by inductively coupled plasma –atomic emission spectroscopy and inductively coupled plasma –mass spectrometry.

Till and Stream Geochemical Samples

All till geochemical samples collected on the property were marked with a handheld Garmin 64s GPS unit. Samples were collected with a 70-cm soil auger or a handheld geotool. Till samples were placed into individual pre-numbered kraft paper bags. Stream samples were collected using a shovel and 12 or 20-mesh sieve.

Till and stream samples were analyzed using the AuMETL-43 technique at ALS Labs. A finely pulverized sample (25g or 50g) is cold digested with HNO3, then HCl is added and the sample is heated at 130˚C for 40 minutes. Digestion is carried out in disposable plastic bottles to eliminate cross-contamination from digestion vessels and heated via graphite block for even heating. Then the sample is analysed with an ICP-MS finish.

APPENDIX IV – CERTIFICATES OF ANALYSIS

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: RYAN BURKE

Finalized Date: 13-JUL-2022
Account: BURKEY

CERTIFICATE WH22170390

Project: MIL

This report is for 131 samples of Rock submitted to our lab in Whitehorse, YT, Canada on 24-JUN-2022.

The following have access to data associated with this certificate:

RYAN BURKE MIKE BURKE	MIKE BURKE	RYAN BURKE

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-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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

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

Signature:
Saa Traxler, Director, North Vancouver Operations

ALS Canada Ltd.

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www.alsglobal.com/geochemistry

To: RYAN BURKE

Finalized Date: 13-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170390

Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
3854251		0.95	1.2	7.60	853	40	<0.5	<2	1.16	<0.5	82	23	163	3.23	20	0.04
3854252		0.40	<0.5	6.46	314	50	0.6	<2	2.04	<0.5	7	6	3	1.75	20	0.02
3854253		0.47	<0.5	6.38	25	160	<0.5	<2	6.91	<0.5	37	78	79	7.65	10	0.15
3854254		1.00	<0.5	9.21	7	520	<0.5	<2	14.50	<0.5	25	65	104	5.79	30	0.33
3854255		0.58	<0.5	4.34	125	230	<0.5	<2	0.78	<0.5	34	219	41	4.36	10	0.18
3854256		1.18	<0.5	6.95	431	290	0.5	<2	0.36	<0.5	61	679	87	6.07	10	0.14
3854257		0.39	<0.5	3.59	20	190	<0.5	<2	7.43	<0.5	28	179	8	3.73	10	0.11
3854258		5.69	<0.5	5.53	497	140	<0.5	<2	0.30	<0.5	46	853	84	7.13	10	0.11
3854259		3.47	<0.5	6.45	350	140	0.6	<2	0.32	<0.5	45	771	91	8.24	10	0.11
3854260		1.03	<0.5	3.79	188	120	<0.5	<2	0.10	<0.5	20	993	62	3.77	10	0.06
3854261		1.47	<0.5	5.12	836	180	0.6	<2	0.14	<0.5	40	813	103	11.40	10	0.13
3854262		1.07	<0.5	2.88	640	200	<0.5	<2	0.14	<0.5	2	465	16	1.41	10	0.05
3854263		0.82	<0.5	5.06	899	210	<0.5	<2	0.11	<0.5	2	528	10	1.62	10	0.09
3854264		1.02	<0.5	4.41	87	190	<0.5	<2	0.11	<0.5	15	302	52	2.62	10	0.14
3854265		0.64	<0.5	2.92	42	300	0.6	<2	0.30	<0.5	2	225	20	0.48	10	0.12
3854266		2.23	<0.5	3.90	496	170	<0.5	<2	0.19	<0.5	6	448	26	2.12	10	0.08
3854267		6.21	<0.5	3.43	<5	40	<0.5	<2	10.30	<0.5	41	1030	55	5.37	10	0.02
3854268		1.52	<0.5	4.59	155	180	<0.5	<2	0.19	<0.5	25	478	72	2.87	10	0.09
3854269		1.34	2.0	7.51	21	60	<0.5	<2	5.89	<0.5	6	4	1355	1.94	10	0.07
3854270		0.69	<0.5	2.68	366	250	<0.5	<2	0.13	<0.5	14	316	32	1.45	10	0.06
3854271		0.79	<0.5	4.60	489	260	<0.5	<2	0.11	<0.5	11	451	57	1.77	10	0.10
3854272		1.25	<0.5	3.70	471	180	<0.5	<2	0.12	<0.5	6	546	49	1.86	10	0.10
3854273		0.90	<0.5	4.90	1145	100	<0.5	<2	0.19	6.5	14	540	157	13.70	10	0.28
3854274		1.05	<0.5	3.55	439	130	2.3	<2	0.06	1.6	10	302	76	5.95	10	0.08
3854275		0.75	<0.5	2.60	194	130	0.9	<2	0.14	3.4	81	487	54	25.7	10	0.07
3854276		0.76	<0.5	3.18	81	140	<0.5	<2	0.24	1.3	55	990	54	6.06	10	0.08
3854277		1.52	<0.5	2.77	34	20	<0.5	<2	5.02	<0.5	10	41	184	2.50	<10	0.04
3854278		1.11	<0.5	3.75	33	60	<0.5	2	10.15	<0.5	18	36	44	4.94	10	0.09
3854279		0.98	<0.5	1.69	5	10	<0.5	<2	20.7	<0.5	10	17	26	2.41	<10	0.01
3854280		2.40	<0.5	3.85	16	40	<0.5	<2	5.77	<0.5	20	38	455	3.53	10	0.05
3854301		0.45	<0.5	3.29	46	960	<0.5	<2	8.32	<0.5	13	8	230	3.42	10	0.03
3854302		0.27	1.0	6.50	172	60	0.5	<2	2.47	<0.5	4	8	716	1.29	20	0.04
3854303		0.45	<0.5	7.38	8	70	<0.5	<2	5.19	<0.5	15	75	146	4.63	10	0.62
3854304-1		0.72	<0.5	3.51	8	40	<0.5	<2	14.25	<0.5	14	19	35	3.17	10	0.54
3854304-2		0.85	<0.5	4.63	7	30	<0.5	<2	12.15	<0.5	26	35	343	6.01	10	0.06
3854305		0.32	<0.5	7.36	32	30	<0.5	<2	4.81	<0.5	11	49	298	2.53	10	0.08
3854306		1.27	<0.5	3.97	62	50	<0.5	<2	9.05	<0.5	20	17	468	4.26	10	0.07
3854307		0.95	<0.5	7.62	8	750	<0.5	3	7.57	<0.5	27	44	145	6.54	10	0.45
3854308		4.16	<0.5	5.70	465	240	0.6	<2	0.25	<0.5	20	132	91	5.36	10	0.07
3854309		1.54	<0.5	4.83	208	200	<0.5	2	0.38	<0.5	50	782	107	5.94	10	0.09

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

ALS Canada Ltd.

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www.alsglobal.com/geochemistry

To: RYAN BURKE

Finalized Date: 13-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170390

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
3854251		<10	30	0.40	150	157	0.02	26	970	60	2.17	28	5	1650	<20	0.39
3854252		10	40	0.72	208	2	0.03	5	320	9	0.24	<5	3	462	<20	0.13
3854253		<10	30	3.35	1810	1	0.03	21	460	3	0.02	56	38	155	<20	0.39
3854254		<10	10	2.32	845	<1	1.01	26	510	7	<0.01	<5	28	285	<20	0.32
3854255		10	30	0.06	304	8	0.03	114	3800	7	1.11	29	16	190	<20	0.48
3854256		10	50	0.11	509	6	0.03	297	1270	4	0.04	47	16	755	<20	0.47
3854257		<10	30	3.76	1170	<1	0.03	127	590	2	0.01	<5	19	278	<20	0.18
3854258		<10	40	0.13	673	2	0.08	324	890	4	0.03	58	23	208	<20	0.36
3854259		<10	30	0.13	1820	4	0.03	299	1210	3	0.03	49	30	47	<20	0.37
3854260		<10	30	0.06	126	1	0.03	264	730	2	<0.01	14	16	412	<20	0.21
3854261		<10	30	0.07	740	1	0.02	237	920	3	0.06	50	34	41	<20	0.26
3854262		<10	30	0.03	60	2	0.02	19	300	2	0.02	124	2	45	<20	0.19
3854263		<10	40	0.04	107	6	0.02	25	400	4	0.05	177	4	346	<20	0.30
3854264		<10	30	0.04	286	1	0.03	78	450	2	0.02	17	7	171	<20	0.27
3854265		<10	30	0.04	55	<1	0.03	10	350	2	0.01	18	5	340	<20	0.18
3854266		<10	30	0.06	114	2	0.03	41	520	3	0.02	59	6	307	<20	0.27
3854267		<10	20	5.36	1100	1	0.02	535	1180	3	<0.01	7	19	307	<20	0.20
3854268		<10	30	0.05	90	<1	0.02	141	370	2	0.23	18	7	84	<20	0.24
3854269		<10	10	2.53	497	<1	5.06	6	230	2	0.07	<5	2	288	<20	0.09
3854270		<10	30	0.05	74	2	0.04	60	610	2	0.05	48	3	390	<20	0.16
3854271		<10	30	0.05	113	2	0.03	70	530	<2	0.03	55	7	192	<20	0.26
3854272		<10	30	0.05	93	1	0.03	53	590	3	0.01	78	5	167	<20	0.27
3854273		10	20	0.09	56	26	0.03	192	2140	6	0.01	121	41	60	<20	0.38
3854274		<10	30	0.02	65	3	0.02	118	1590	5	0.01	47	5	69	<20	0.19
3854275		<10	20	0.06	1020	3	0.01	802	3140	<2	<0.01	9	43	66	<20	0.17
3854276		<10	30	0.09	1065	1	0.02	269	990	2	0.01	11	17	68	<20	0.20
3854277		<10	10	1.80	615	<1	0.01	10	210	2	0.02	27	10	203	<20	0.13
3854278		<10	20	3.97	1280	<1	0.02	16	330	2	0.03	30	17	223	<20	0.18
3854279		<10	10	2.13	1540	<1	0.01	8	150	<2	<0.01	<5	8	112	<20	0.08
3854280		<10	20	1.70	863	<1	0.01	14	300	<2	0.07	25	17	81	<20	0.20
3854301		10	10	3.47	667	<1	0.03	13	200	4	0.03	60	2	397	<20	0.06
3854302		10	40	0.88	252	12	0.03	4	280	7	0.09	20	3	370	<20	0.13
3854303		<10	30	2.18	726	<1	0.07	11	950	2	<0.01	7	45	161	<20	0.48
3854304-1		<10	10	5.85	958	<1	0.03	22	360	<2	<0.01	<5	10	227	<20	0.17
3854304-2		<10	20	4.68	1100	<1	0.01	21	280	4	<0.01	19	26	256	<20	0.25
3854305		<10	40	1.63	600	<1	0.02	11	350	<2	0.01	52	22	426	<20	0.37
3854306		<10	20	3.72	987	<1	0.01	22	370	3	0.04	60	16	183	<20	0.19
3854307		<10	10	2.59	1040	<1	1.42	20	750	3	0.02	<5	38	493	<20	0.41
3854308		<10	40	0.11	658	2	0.02	92	660	4	0.08	57	24	373	<20	0.41
3854309		<10	30	0.19	778	<1	0.05	433	600	2	0.03	31	22	154	<20	0.24

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Sample Description	Method Analyte Units LOD	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-AA23 Au ppm 0.005
3854251		<10	<10	51	<10	16	<0.005
3854252		<10	<10	22	<10	37	<0.005
3854253		<10	<10	271	<10	59	<0.005
3854254		<10	<10	322	<10	54	0.007
3854255		<10	<10	149	<10	48	0.006
3854256		<10	<10	224	<10	85	<0.005
3854257		<10	<10	137	<10	40	<0.005
3854258		<10	<10	197	<10	68	<0.005
3854259		<10	<10	218	<10	69	<0.005
3854260		<10	<10	136	<10	74	<0.005
3854261		<10	<10	238	<10	91	<0.005
3854262		<10	<10	89	<10	19	<0.005
3854263		<10	<10	197	<10	9	<0.005
3854264		<10	<10	109	<10	59	<0.005
3854265		<10	<10	66	<10	9	<0.005
3854266		<10	<10	124	<10	25	<0.005
3854267		<10	<10	108	<10	53	<0.005
3854268		<10	<10	102	<10	34	<0.005
3854269		<10	<10	85	<10	30	0.009
3854270		<10	<10	106	<10	18	<0.005
3854271		<10	<10	145	<10	23	<0.005
3854272		<10	<10	114	<10	24	<0.005
3854273		<10	<10	368	<10	401	0.009
3854274		<10	<10	241	<10	169	<0.005
3854275		<10	<10	231	<10	417	<0.005
3854276		<10	<10	111	<10	122	<0.005
3854277		<10	<10	84	<10	37	<0.005
3854278		<10	<10	200	<10	73	<0.005
3854279		<10	<10	71	<10	25	<0.005
3854280		<10	<10	156	<10	43	<0.005
3854301		<10	<10	121	<10	55	<0.005
3854302		<10	<10	26	<10	21	<0.005
3854303		<10	<10	340	<10	42	0.005
3854304-1		<10	<10	93	<10	50	<0.005
3854304-2		<10	<10	272	<10	74	0.005
3854305		<10	<10	162	<10	35	0.005
3854306		<10	<10	203	<10	71	<0.005
3854307		<10	<10	305	<10	79	0.005
3854308		<10	<10	200	<10	86	0.018
3854309		<10	<10	163	<10	82	<0.005

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Sample Description	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Method / Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
3854310	1.07	<0.5	3.69	27	130	<0.5	<2	0.74	<0.5	1	344	35	0.49	10	0.16
3854311	0.76	<0.5	4.36	402	170	0.7	<2	0.20	1.5	37	775	239	16.80	10	0.04
3854312	0.82	<0.5	3.50	358	70	<0.5	<2	0.19	<0.5	42	941	61	10.05	10	0.07
3854313	0.55	<0.5	4.03	35	70	<0.5	<2	0.08	<0.5	2	458	9	0.60	10	0.05
3854314	0.94	<0.5	2.08	18	110	<0.5	2	22.1	<0.5	6	19	20	2.03	<10	0.19
3854315	0.90	<0.5	3.80	506	300	<0.5	<2	0.19	<0.5	43	567	57	3.40	10	0.07
3854316	1.53	<0.5	2.36	<5	70	<0.5	<2	8.36	<0.5	31	562	39	3.24	<10	0.02
3854317	2.64	<0.5	2.34	46	80	<0.5	<2	6.74	<0.5	29	467	33	2.99	<10	0.03
3854318	2.66	<0.5	4.06	14	130	<0.5	<2	4.51	<0.5	35	649	67	3.30	10	0.06
3854319	1.70	<0.5	3.97	82	140	<0.5	<2	1.51	<0.5	28	328	74	2.81	10	0.09
3854320	3.83	<0.5	3.95	470	120	<0.5	<2	1.97	<0.5	30	354	62	3.62	10	0.09
3854321	2.94	<0.5	5.36	10	140	<0.5	<2	1.04	<0.5	12	699	68	1.68	10	0.08
3854322	0.64	<0.5	2.87	13	50	<0.5	<2	6.67	<0.5	22	581	59	3.19	10	0.08
3854323	0.98	<0.5	5.50	6	40	<0.5	<2	17.65	<0.5	14	31	416	3.06	10	0.04
3854324	0.85	<0.5	3.87	2340	160	<0.5	2	0.93	<0.5	3	89	99	7.26	10	0.17
3854325	0.82	<0.5	3.87	1075	160	<0.5	<2	0.18	<0.5	7	103	41	3.96	10	0.20
3854326	1.10	<0.5	4.22	483	460	<0.5	<2	0.11	<0.5	6	51	35	1.38	10	0.21
3854327	1.45	<0.5	2.58	446	140	0.5	<2	0.06	<0.5	20	466	45	6.96	10	0.10
3854328	1.16	<0.5	3.69	242	270	0.5	<2	0.04	1.5	73	944	70	11.40	10	0.06
3854329	2.22	<0.5	4.95	1470	100	0.8	<2	0.09	2.5	13	818	124	12.85	10	0.05
3854330	1.60	<0.5	3.12	646	170	1.2	<2	0.11	1.3	9	409	109	9.01	10	0.14
3854331	0.78	<0.5	5.16	30	60	<0.5	<2	8.13	<0.5	18	43	30	4.09	10	0.03
3854332	1.41	<0.5	6.70	26	40	<0.5	<2	7.58	0.5	28	73	306	6.53	10	0.03
3854333	2.31	<0.5	7.44	14	30	<0.5	<2	5.87	<0.5	22	91	291	5.52	10	0.15
3854351	1.36	<0.5	5.83	13	30	<0.5	<2	7.86	<0.5	22	43	29	4.99	10	0.04
3854352	0.20	<0.5	3.65	18	30	<0.5	<2	8.89	<0.5	17	19	51	4.25	10	0.07
3854353	0.63	<0.5	6.60	69	30	<0.5	<2	6.03	<0.5	14	23	389	3.13	10	0.09
3854354	0.80	<0.5	2.93	7	70	<0.5	<2	8.61	<0.5	37	418	29	4.70	10	0.21
3854355	1.47	<0.5	3.50	24	260	0.5	<2	0.28	<0.5	17	165	46	6.06	10	0.06
3854356	1.97	<0.5	3.25	12	240	<0.5	<2	0.15	<0.5	16	75	77	3.05	10	0.09
3854357	0.88	<0.5	8.60	23	130	0.6	<2	0.13	<0.5	39	87	84	8.64	20	0.09
3854358	1.26	<0.5	2.42	133	230	<0.5	<2	0.08	<0.5	2	76	10	0.51	<10	0.08
3854359	0.88	<0.5	5.30	249	140	<0.5	<2	0.07	<0.5	8	107	50	1.51	10	0.13
3854360	3.81	<0.5	6.05	127	150	0.5	<2	0.06	<0.5	4	223	73	1.70	10	0.12
3854361	1.14	<0.5	8.58	9	10	<0.5	<2	16.90	<0.5	14	15	69	4.16	20	0.02
3854362	1.19	<0.5	1.10	<5	180	<0.5	<2	16.45	<0.5	1	7	6	0.51	<10	0.74
3854363	2.24	<0.5	6.15	9	310	0.8	<2	5.43	0.5	13	24	45	4.93	20	0.40
3854364	2.36	<0.5	6.88	107	350	0.8	3	0.09	0.5	34	234	151	6.04	10	0.27
3854365	2.05	<0.5	3.16	49	170	<0.5	<2	0.06	<0.5	3	265	30	0.64	10	0.08
3854366	2.24	<0.5	3.09	90	230	<0.5	<2	0.05	<0.5	4	238	59	0.88	10	0.07

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOD	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
3854310		<10	30	0.05	74	<1	0.02	14	250	<2	0.01	14	9	103	<20	0.22
3854311		<10	20	0.03	714	2	0.02	780	1640	<2	<0.01	19	16	53	<20	0.21
3854312		<10	30	0.06	564	2	0.02	470	800	2	<0.01	11	18	129	<20	0.19
3854313		<10	30	0.03	47	<1	0.02	15	120	<2	<0.01	14	7	57	<20	0.22
3854314		10	20	1.98	461	<1	0.02	9	470	2	0.01	<5	6	528	<20	0.12
3854315		<10	40	0.05	380	4	0.01	376	410	2	0.08	29	6	289	<20	0.20
3854316		<10	20	3.86	914	<1	0.02	332	250	2	0.01	8	17	304	<20	0.12
3854317		<10	20	3.60	950	<1	0.02	262	160	2	0.05	6	13	389	<20	0.11
3854318		<10	30	1.82	571	<1	0.02	295	990	<2	0.04	14	11	153	<20	0.21
3854319		<10	30	0.62	385	<1	0.01	162	530	2	0.13	14	10	123	<20	0.20
3854320		<10	30	0.86	386	1	0.02	156	620	3	0.22	12	10	502	<20	0.22
3854321		<10	40	0.52	224	<1	0.02	122	600	<2	0.01	15	9	286	<20	0.28
3854322		<10	20	3.79	955	<1	0.01	243	690	4	0.02	6	16	649	<20	0.15
3854323		10	10	1.01	665	<1	3.47	23	340	4	<0.01	<5	14	634	<20	0.21
3854324		10	30	0.09	70	5	0.03	33	960	6	0.06	63	7	144	<20	0.27
3854325		10	30	0.06	69	3	0.02	46	490	4	0.06	69	5	149	<20	0.39
3854326		10	30	0.04	62	1	0.02	18	440	3	0.08	58	6	205	<20	0.27
3854327		<10	20	0.03	139	7	0.02	165	890	3	0.02	26	15	146	<20	0.14
3854328		<10	20	0.04	2850	2	0.02	504	1490	<2	<0.01	12	27	32	<20	0.20
3854329		<10	30	0.02	105	8	0.01	333	1810	4	<0.01	38	12	241	<20	0.25
3854330		10	20	0.05	63	17	0.02	164	1280	6	0.02	77	7	111	<20	0.28
3854331		10	30	3.08	860	<1	0.01	21	1220	4	0.02	12	24	1365	<20	0.30
3854332		<10	30	2.50	1420	<1	0.02	24	200	<2	0.01	16	36	138	<20	0.43
3854333		<10	40	2.28	1200	<1	0.02	17	720	<2	0.01	13	40	104	<20	0.44
3854351		<10	30	3.08	959	<1	0.01	22	460	<2	<0.01	54	24	139	<20	0.32
3854352		<10	20	3.34	1095	<1	0.02	13	280	<2	<0.01	22	16	182	<20	0.18
3854353		<10	30	2.09	720	<1	0.02	14	580	<2	0.04	58	26	151	<20	0.37
3854354		<10	20	3.69	1260	1	0.03	190	670	3	<0.01	<5	23	277	<20	0.16
3854355		10	30	0.13	2700	4	0.02	122	1030	4	0.01	<5	20	118	<20	0.17
3854356		10	30	0.09	980	2	0.03	73	490	3	0.02	5	12	175	<20	0.17
3854357		<10	40	0.13	1520	3	0.02	88	770	3	<0.01	<5	36	69	<20	0.40
3854358		<10	30	0.03	45	2	0.02	6	250	4	0.04	46	4	219	<20	0.16
3854359		10	30	0.03	62	5	0.02	18	690	9	0.05	32	8	485	<20	0.36
3854360		<10	40	0.03	46	<1	0.02	24	660	3	0.04	31	11	665	<20	0.34
3854361		<10	<10	1.18	793	<1	1.09	7	320	<2	<0.01	<5	20	133	<20	0.22
3854362		10	20	0.38	223	<1	0.02	8	480	3	0.01	<5	3	146	<20	0.04
3854363		<10	30	0.10	837	3	0.02	10	990	3	0.02	<5	9	37	<20	0.43
3854364		<10	40	0.03	1505	1	0.02	67	580	<2	<0.01	11	19	103	<20	0.39
3854365		<10	30	0.02	65	1	0.02	12	260	2	<0.01	15	4	227	<20	0.18
3854366		<10	30	0.02	59	1	0.02	16	230	2	0.01	19	7	169	<20	0.17

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To: RYAN BURKE

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Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170390

Sample Description	Method / Analyte / Units / LOD	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-AA23 Au ppm 0.005
3854310		<10	<10	121	<10	11	<0.005
3854311		<10	<10	259	<10	345	<0.005
3854312		<10	<10	113	<10	249	<0.005
3854313		<10	<10	61	<10	6	<0.005
3854314		<10	<10	70	<10	40	<0.005
3854315		<10	<10	110	<10	72	<0.005
3854316		<10	<10	161	<10	42	<0.005
3854317		<10	<10	97	<10	33	<0.005
3854318		<10	<10	118	<10	43	<0.005
3854319		<10	<10	122	<10	27	<0.005
3854320		<10	<10	115	<10	50	0.006
3854321		<10	<10	91	<10	16	<0.005
3854322		<10	<10	103	<10	37	<0.005
3854323		<10	<10	211	<10	31	0.005
3854324		<10	<10	123	<10	28	0.005
3854325		<10	<10	91	<10	21	0.005
3854326		<10	<10	57	<10	11	0.005
3854327		<10	<10	149	<10	135	0.005
3854328		<10	<10	144	<10	174	<0.005
3854329		<10	<10	189	<10	225	<0.005
3854330		<10	<10	231	<10	231	0.009
3854331		<10	<10	215	<10	57	<0.005
3854332		<10	<10	276	<10	69	<0.005
3854333		<10	<10	268	<10	55	<0.005
3854351		<10	<10	231	<10	61	<0.005
3854352		<10	<10	178	<10	52	<0.005
3854353		<10	<10	183	<10	49	<0.005
3854354		<10	<10	126	<10	46	<0.005
3854355		<10	<10	237	<10	116	0.040
3854356		<10	<10	107	<10	57	0.020
3854357		<10	<10	320	<10	144	<0.005
3854358		<10	<10	40	<10	5	<0.005
3854359		<10	<10	127	<10	24	0.007
3854360		<10	<10	134	<10	35	<0.005
3854361		<10	<10	410	<10	35	0.016
3854362		<10	<10	18	<10	14	<0.005
3854363		<10	<10	165	<10	90	<0.005
3854364		<10	<10	217	<10	115	<0.005
3854365		<10	<10	67	<10	10	<0.005
3854366		<10	<10	94	<10	17	<0.005

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

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To: RYAN BURKE

Finalized Date: 13-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170390

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
3854367		1.77	<0.5	4.85	1170	1850	1.4	<2	0.08	<0.5	8	188	152	10.00	10	0.12
3854368		1.07	<0.5	6.15	142	170	<0.5	<2	0.05	<0.5	2	55	23	0.90	10	0.05
3854369		1.27	<0.5	4.47	824	130	0.5	<2	0.04	0.9	8	522	97	3.65	10	0.12
3854370		1.61	<0.5	7.45	911	110	0.6	<2	0.08	<0.5	49	237	86	11.75	20	0.31
3854371		2.85	<0.5	3.67	339	150	<0.5	<2	0.05	<0.5	3	316	42	2.74	10	0.09
3854372		2.00	<0.5	7.08	2300	160	2.3	<2	0.16	<0.5	71	146	110	17.00	20	0.34
3854373		1.08	<0.5	8.41	1170	150	0.5	<2	0.08	<0.5	51	221	112	13.20	20	0.25
3854401		0.69	<0.5	4.88	63	90	<0.5	<2	8.85	<0.5	26	40	407	5.04	10	0.05
3854402		0.40	<0.5	4.53	125	80	<0.5	<2	8.26	<0.5	17	20	501	3.89	10	0.03
3854403		0.58	<0.5	3.82	30	40	<0.5	<2	11.85	<0.5	26	38	84	5.45	10	0.11
3854404		1.09	<0.5	3.82	816	230	0.7	<2	0.25	<0.5	4	134	73	3.36	10	0.15
3854405		1.48	<0.5	5.67	1175	220	0.7	<2	0.23	<0.5	7	147	66	4.28	10	0.22
3854406		0.58	<0.5	4.48	1225	230	<0.5	<2	0.15	<0.5	3	332	96	3.56	10	0.16
3854407		2.07	<0.5	5.11	866	260	0.6	<2	0.18	<0.5	4	358	121	3.50	10	0.23
3854408		1.05	<0.5	0.85	578	410	<0.5	<2	0.54	<0.5	1	32	22	1.34	<10	0.19
3854409		1.02	<0.5	6.60	75	150	0.5	<2	0.04	<0.5	6	82	51	4.15	10	0.61
3854410		1.09	1.0	3.63	37	460	0.7	2	0.13	<0.5	43	119	141	5.16	10	0.49
3854411		1.68	0.6	2.90	22	470	0.5	<2	0.09	<0.5	12	95	50	3.24	10	0.61
3854412		1.35	<0.5	5.70	31	260	0.7	<2	0.43	<0.5	57	712	120	7.67	10	0.09
3854413		0.65	<0.5	3.45	242	260	0.7	2	0.21	<0.5	20	83	80	6.29	10	0.36
3854414		0.67	<0.5	3.74	16	570	0.5	<2	0.17	0.7	23	82	140	4.22	10	0.10
3854415		0.96	<0.5	2.72	7	70	<0.5	2	11.30	0.6	13	39	30	5.62	<10	0.06
3854416		1.34	<0.5	5.21	15	150	<0.5	<2	0.14	<0.5	44	848	83	7.97	10	0.09
3854417		0.62	<0.5	5.52	42	230	1.0	<2	0.26	7.9	76	627	126	18.05	10	0.08
3854418		0.63	<0.5	3.03	461	180	<0.5	<2	0.12	<0.5	5	104	35	1.71	10	0.15
3854419		1.18	<0.5	0.70	553	230	<0.5	<2	0.13	<0.5	3	78	25	1.23	<10	0.06
3854420		0.62	<0.5	1.54	81	250	<0.5	<2	0.08	<0.5	1	63	8	0.49	<10	0.05
3854421		0.98	<0.5	2.62	973	200	<0.5	<2	0.11	<0.5	2	66	25	1.80	10	0.08
3854422		0.58	<0.5	0.59	583	170	<0.5	<2	0.13	<0.5	2	38	27	1.54	<10	0.05
3854423		1.60	<0.5	10.50	302	100	0.7	<2	0.13	<0.5	13	357	297	3.55	20	0.14
3854424		0.95	1.5	3.79	930	170	<0.5	<2	0.07	1.8	6	110	44	6.93	10	0.05
3854425		1.19	<0.5	8.16	10	<10	<0.5	4	23.6	<0.5	6	13	27	2.53	30	<0.01
3854426		0.42	<0.5	7.77	13	<10	<0.5	2	22.9	0.6	14	20	70	3.58	40	<0.01
3854427		1.30	0.6	6.79	41	830	1.2	<2	2.91	1.3	19	65	94	5.42	10	1.90
3854428		0.71	<0.5	6.63	13	270	0.7	2	0.67	<0.5	13	25	73	3.73	10	0.20
3854429		1.28	<0.5	6.44	34	290	0.8	<2	0.35	4.4	20	72	81	5.81	10	0.45
3854430		0.73	<0.5	7.93	19	310	0.9	<2	0.75	1.9	37	197	102	7.53	20	0.39
3854431		2.23	<0.5	5.95	109	600	0.7	<2	0.07	0.6	65	231	119	11.60	10	0.22
3854432		1.98	<0.5	4.82	75	210	0.5	<2	0.07	<0.5	11	153	61	0.96	10	0.11
3854433		1.88	<0.5	4.27	955	280	1.6	2	0.08	0.5	22	149	82	10.50	10	0.18

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Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170390

Sample Description	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Method / Analyte	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
Units	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOD	10	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
3854367	<10	20	0.02	57	6	0.01	55	1350	<2	0.05	93	11	70	<20	0.30
3854368	<10	30	0.02	74	<1	0.02	13	300	<2	<0.01	12	5	166	<20	0.38
3854369	<10	30	0.02	74	3	0.02	94	610	<2	0.01	38	15	45	<20	0.28
3854370	<10	30	0.05	677	1	0.01	187	1400	2	0.02	55	33	104	<20	0.65
3854371	<10	30	0.02	51	1	0.02	44	780	2	0.01	39	7	365	<20	0.25
3854372	10	20	0.06	511	1	0.02	314	2400	11	0.22	186	41	81	<20	0.76
3854373	<10	30	0.03	508	1	0.01	151	1030	2	0.03	56	19	53	<20	0.48
3854401	<10	20	3.56	1260	<1	0.01	23	270	2	0.04	143	24	167	<20	0.26
3854402	<10	20	3.28	859	<1	0.01	18	560	2	0.13	80	17	176	<20	0.20
3854403	<10	10	4.56	1500	<1	0.02	23	280	3	<0.01	54	18	169	<20	0.20
3854404	<10	40	0.10	71	9	0.05	55	860	2	0.03	123	11	177	<20	0.26
3854405	<10	30	0.09	122	9	0.07	114	1440	2	0.05	129	17	233	<20	0.41
3854406	<10	30	0.06	94	5	0.03	45	1040	4	0.07	122	9	179	<20	0.39
3854407	<10	30	0.06	82	6	0.03	69	1310	2	0.11	113	14	260	<20	0.38
3854408	<10	30	0.13	35	8	0.18	8	250	3	0.07	92	2	167	<20	0.06
3854409	20	50	0.14	89	15	0.01	19	1060	10	0.07	16	9	178	<20	0.39
3854410	10	20	0.21	2230	7	0.03	176	580	11	0.01	8	17	423	<20	0.22
3854411	10	20	0.22	483	3	0.02	63	630	10	0.01	7	9	466	<20	0.17
3854412	<10	30	0.16	2920	3	0.01	290	1730	5	<0.01	12	36	25	<20	0.31
3854413	10	30	0.22	1580	3	0.05	138	580	7	0.03	15	19	129	<20	0.16
3854414	10	30	0.09	5120	3	0.03	137	610	7	0.01	5	17	217	<20	0.23
3854415	<10	20	4.95	1680	1	0.02	41	200	5	<0.01	<5	12	146	<20	0.12
3854416	<10	30	0.07	1600	1	0.04	268	950	4	<0.01	10	29	680	<20	0.41
3854417	<10	20	0.10	3190	19	0.01	353	2090	4	<0.01	8	54	16	<20	0.27
3854418	<10	30	0.05	106	1	0.02	22	620	4	0.03	150	11	359	<20	0.23
3854419	<10	30	0.04	66	1	0.03	9	240	<2	0.07	97	8	69	<20	0.04
3854420	<10	30	0.03	44	1	0.02	5	120	<2	0.03	41	2	90	<20	0.10
3854421	<10	30	0.03	45	2	0.02	8	360	2	0.04	73	4	267	<20	0.16
3854422	<10	20	0.04	59	2	0.02	6	260	<2	0.02	76	6	39	<20	0.03
3854423	<10	60	0.05	172	2	0.01	186	1760	3	0.04	40	24	468	<20	0.57
3854424	10	30	0.03	59	10	0.02	91	860	6	0.02	65	3	370	<20	0.22
3854425	<10	<10	0.24	544	<1	0.14	5	190	<2	0.03	<5	13	81	<20	0.13
3854426	<10	<10	0.50	414	<1	0.04	8	380	<2	0.07	<5	22	66	<20	0.25
3854427	20	30	1.76	785	20	1.22	66	1850	12	0.38	5	17	333	<20	0.41
3854428	10	30	0.08	1315	7	0.03	19	1400	4	0.06	<5	8	50	<20	0.30
3854429	10	40	0.12	2380	14	0.02	68	1160	5	0.02	9	19	68	<20	0.34
3854430	10	40	0.14	1920	15	0.02	69	2420	6	0.03	<5	37	57	<20	0.61
3854431	<10	30	0.02	3180	1	0.02	228	750	2	<0.01	11	17	131	<20	0.34
3854432	<10	30	0.03	121	5	0.02	16	440	2	0.01	13	17	348	<20	0.30
3854433	<10	20	0.03	240	6	0.02	122	1970	3	0.02	133	33	60	<20	0.26

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Sample Description	Method Analyte Units LOD	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-AA23 Au ppm 0.005
3854367		<10	<10	247	<10	181	<0.005
3854368		<10	<10	118	<10	14	<0.005
3854369		<10	<10	268	<10	91	<0.005
3854370		<10	<10	335	<10	134	<0.005
3854371		<10	<10	121	<10	40	<0.005
3854372		<10	<10	488	<10	219	0.005
3854373		<10	<10	308	<10	129	<0.005
3854401		<10	<10	289	<10	85	<0.005
3854402		<10	<10	186	<10	60	<0.005
3854403		<10	<10	183	<10	73	<0.005
3854404		<10	<10	174	<10	59	<0.005
3854405		<10	<10	223	<10	58	<0.005
3854406		10	<10	190	<10	17	<0.005
3854407		<10	<10	226	<10	26	<0.005
3854408		<10	<10	49	<10	7	<0.005
3854409		<10	<10	239	<10	147	<0.005
3854410		<10	<10	163	<10	78	0.022
3854411		<10	<10	161	<10	25	0.020
3854412		<10	<10	224	<10	118	<0.005
3854413		<10	<10	165	<10	102	0.015
3854414		<10	<10	152	<10	104	0.015
3854415		<10	<10	249	<10	102	<0.005
3854416		<10	<10	145	<10	141	<0.005
3854417		<10	<10	287	<10	522	<0.005
3854418		<10	10	80	<10	33	<0.005
3854419		<10	<10	46	<10	9	<0.005
3854420		<10	<10	18	<10	3	<0.005
3854421		<10	<10	85	<10	7	<0.005
3854422		<10	<10	50	<10	8	<0.005
3854423		<10	<10	220	<10	65	<0.005
3854424		<10	<10	96	<10	212	0.007
3854425		<10	<10	270	<10	13	0.005
3854426		<10	<10	225	<10	28	<0.005
3854427		<10	<10	284	<10	156	0.010
3854428		<10	<10	115	<10	83	<0.005
3854429		<10	<10	248	<10	234	<0.005
3854430		<10	<10	289	<10	192	<0.005
3854431		<10	<10	226	<10	230	<0.005
3854432		<10	<10	168	<10	20	<0.005
3854433		<10	<10	239	<10	261	<0.005

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Sample Description	Method	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOD	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
3854434		1.25	<0.5	3.92	409	520	8.3	<2	0.08	<0.5	28	207	62	19.45	10	0.08
3854435		1.04	<0.5	9.50	385	150	1.0	<2	0.14	<0.5	44	112	132	8.66	20	0.10
3854436		1.18	<0.5	5.29	23	150	0.5	<2	0.10	<0.5	10	65	42	1.86	10	0.19
3854437		0.85	<0.5	3.67	763	230	<0.5	<2	0.10	0.6	4	918	20	1.75	10	0.07
3854438		1.27	<0.5	7.22	108	160	1.1	<2	0.09	<0.5	50	209	63	17.85	20	0.25
3854439		1.10	<0.5	6.39	65	80	1.1	<2	0.06	<0.5	37	204	63	16.40	10	0.17
3854440		1.66	<0.5	5.92	397	90	<0.5	<2	0.05	<0.5	35	416	74	4.94	10	0.14
3854441		0.98	<0.5	4.72	77	110	<0.5	<2	0.10	<0.5	13	455	72	1.83	10	0.10
3854442		1.21	<0.5	4.84	173	150	<0.5	<2	0.11	<0.5	20	361	54	3.73	10	0.22
3854443		1.10	<0.5	9.28	162	60	1.0	2	0.05	1.3	43	194	143	13.30	10	0.18
3854444		3.72	<0.5	6.04	2110	150	<0.5	<2	0.54	<0.5	5	168	38	5.59	10	0.19

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Sample Description	Method / Analyte / Units / LOD	ME-ICP61 La ppm 10	ME-ICP61 Li ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
3854434		<10	20	0.01	171	6	0.01	176	4580	<2	0.02	42	18	71	<20	0.24
3854435		10	30	0.02	356	1	0.02	73	1210	<2	0.01	63	37	41	<20	0.62
3854436		10	30	0.05	355	<1	0.02	34	380	3	0.01	11	10	218	<20	0.37
3854437		<10	30	0.05	58	2	0.02	24	270	<2	0.01	92	3	52	<20	0.22
3854438		10	20	0.04	1205	1	0.01	297	2720	<2	<0.01	11	46	62	<20	0.59
3854439		<10	30	0.03	382	<1	0.01	283	2020	2	0.01	11	23	40	<20	0.55
3854440		<10	30	0.03	158	1	0.01	164	530	2	0.01	39	14	214	<20	0.36
3854441		<10	30	0.03	92	1	0.02	103	880	2	0.02	15	10	492	<20	0.23
3854442		<10	30	0.05	90	4	0.02	78	810	2	0.05	21	28	99	<20	0.38
3854443		<10	30	0.03	368	1	0.01	194	560	<2	0.06	11	96	221	<20	0.45
3854444		<10	30	0.10	79	3	0.07	39	920	<2	0.06	121	13	183	<20	0.37

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

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To: RYAN BURKE

Finalized Date: 13-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170390

Sample Description	Method Analyte Units LOD	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Au-AA23 Au ppm 0.005
3854434		<10	<10	415	<10	552	0.007
3854435		<10	<10	305	<10	96	0.010
3854436		<10	<10	109	<10	68	<0.005
3854437		<10	<10	153	<10	15	<0.005
3854438		<10	<10	319	<10	270	<0.005
3854439		<10	<10	251	<10	281	0.006
3854440		<10	<10	159	<10	93	<0.005
3854441		<10	<10	111	<10	70	<0.005
3854442		<10	<10	191	<10	104	<0.005
3854443		<10	<10	357	<10	296	<0.005
3854444		<10	<10	172	<10	76	<0.005

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CERTIFICATE OF ANALYSIS WH22170390

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:	CRU-31	CRU-QC	LOG-21	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	Au-AA23	ME-ICP61

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Finalized Date: 18-JUL-2022
Account: BURKEY

CERTIFICATE WH22170399

Project: MIL

This report is for 84 samples of Soil submitted to our lab in Whitehorse, YT, Canada on 24-JUN-2022.

The following have access to data associated with this certificate:

RYAN BURKE MIKE BURKE	MIKE BURKE	RYAN BURKE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
AuME-TL43	25g Trace Au + Multi Element PKG	

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

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

Signature:
Saa Traxler, Director, North Vancouver Operations

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Project: MIL

CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
3854001		0.38	0.002	0.06	1.46	6.2	10	240	0.32	0.04	4.53	0.09	21.9	22.3	34	0.46
3854002		0.54	0.002	0.07	3.50	9.2	10	110	0.28	0.06	3.43	0.12	14.55	17.8	35	1.07
3854003		0.72	0.005	0.06	2.29	11.1	10	120	0.40	0.06	1.59	0.11	15.70	17.2	32	0.49
3854004		0.55	0.003	0.14	4.50	5.5	10	100	0.31	0.04	2.59	0.13	11.65	17.2	18	0.88
3854005		0.54	0.003	0.06	4.84	8.5	<10	120	0.34	0.04	2.47	0.05	14.10	16.8	24	0.62
3854006		0.48	0.004	0.06	2.38	7.4	10	110	0.31	0.03	4.19	0.09	11.95	15.8	26	0.39
3854007		0.50	0.003	0.06	3.30	7.0	10	130	0.33	0.06	1.63	0.09	14.05	17.0	29	0.50
3854008		0.58	0.004	0.08	5.33	6.9	10	80	0.26	0.02	5.87	0.07	8.32	21.9	22	0.95
3854009		0.54	0.005	0.09	1.68	18.5	<10	140	0.43	0.09	1.01	0.07	20.8	16.8	55	0.51
3854010		0.59	0.009	0.11	1.60	13.1	<10	600	0.41	0.09	1.70	0.11	16.95	20.3	76	0.43
3854011		0.62	0.012	0.37	1.21	16.4	<10	630	0.45	0.06	1.32	0.14	13.05	30.9	114	0.38
3854012		0.63	0.005	0.20	1.50	16.5	<10	320	0.50	0.07	1.67	0.22	15.25	27.1	68	0.38
3854013		0.54	0.005	0.24	1.47	20.0	<10	490	0.53	0.05	4.43	0.21	13.70	32.4	91	0.36
3854014		0.58	0.011	0.20	1.77	17.1	<10	1150	0.58	0.06	2.13	0.14	13.75	42.3	131	0.56
3854015		0.60	0.007	0.18	1.43	11.8	<10	140	0.67	0.04	3.13	0.22	11.20	61.4	184	0.30
3854016		0.55	0.005	0.26	1.83	9.9	<10	370	0.58	0.05	2.82	0.19	14.95	30.2	98	0.47
3854017		0.71	0.011	0.26	1.12	19.6	<10	810	0.45	0.05	2.78	0.21	11.10	36.6	114	0.50
3854018		0.63	0.004	0.19	1.58	11.4	<10	470	0.49	0.05	2.19	0.16	12.75	41.5	104	0.35
3854019		0.52	0.003	0.07	1.29	3.2	<10	1040	0.61	0.02	6.26	0.07	9.06	40.6	102	0.56
3854020		0.64	0.005	0.13	0.98	9.8	<10	110	0.38	0.04	5.65	0.13	8.85	85.1	116	0.45
3854021		0.36	0.002	0.04	0.67	2.2	<10	210	0.33	0.02	3.53	0.06	10.60	18.3	14	0.19
3854051		0.67	0.006	0.28	1.68	20.7	<10	180	0.33	0.76	4.75	0.41	10.35	47.7	24	0.75
3854052		0.40	0.007	0.08	2.26	8.6	10	140	0.44	0.07	1.13	0.07	21.7	13.0	35	0.45
3854053		0.42	0.005	0.14	4.18	5.4	10	80	0.28	0.04	2.43	0.09	10.00	13.7	15	0.85
3854054		0.30	0.004	0.08	2.41	8.9	<10	120	0.35	0.06	1.13	0.05	14.55	14.2	30	0.39
3854055		0.31	0.003	0.13	4.27	5.8	<10	380	0.48	0.02	10.45	0.15	10.00	24.5	38	0.56
3854056		0.25	0.004	0.05	3.32	7.0	10	270	0.30	0.02	11.65	0.14	7.84	21.4	16	0.26
3854057		0.42	0.010	0.08	5.01	8.7	10	80	0.14	0.02	5.25	0.08	4.00	22.1	21	1.82
3854058		0.33	0.003	0.05	2.92	7.2	<10	150	0.34	0.08	1.25	0.06	17.30	11.9	32	0.43
3854059		0.33	0.005	0.10	2.91	9.4	<10	160	0.38	0.05	1.25	0.06	16.15	15.0	32	0.49
3854060		0.34	0.003	0.01	3.09	10.8	<10	210	0.48	0.11	0.88	0.05	23.3	15.7	41	0.62
3854061		0.43	0.002	0.09	4.83	19.7	10	270	0.40	0.06	1.94	0.09	12.30	29.3	57	0.31
3854062		0.35	0.004	0.09	3.21	8.6	10	240	0.37	0.03	6.81	0.15	9.41	20.7	26	0.18
3854063		0.56	0.002	0.06	4.98	10.4	40	60	0.36	0.02	5.10	0.11	8.43	20.9	34	0.69
3854064		0.41	0.002	0.10	3.71	7.0	20	50	0.45	0.02	5.83	0.17	10.25	21.1	41	0.27
3854065		0.39	0.003	0.06	0.98	44.0	<10	160	0.39	0.05	2.01	0.32	12.80	25.0	52	0.29
3854066		1.96	0.003	0.07	1.05	55.6	<10	190	0.42	0.04	2.09	0.36	14.80	29.7	61	0.47
3854067		0.26	0.002	0.04	1.16	4.5	<10	120	0.24	0.05	1.01	0.12	13.10	8.2	23	0.38
3854068		0.75	0.002	0.14	1.40	20.0	10	230	0.33	0.04	4.44	0.59	11.05	17.2	44	0.21
3854069		0.77	0.004	0.03	1.17	13.6	<10	40	0.45	0.03	1.40	0.06	18.00	13.4	24	0.12

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To: RYAN BURKE

Finalized Date: 18-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method / Analyte / Units / LOD	AuME-TL43 Cu ppm 0.2	AuME-TL43 Fe % 0.01	AuME-TL43 Ga ppm 0.05	AuME-TL43 Ge ppm 0.05	AuME-TL43 Hf ppm 0.02	AuME-TL43 Hg ppm 0.01	AuME-TL43 In ppm 0.005	AuME-TL43 K % 0.01	AuME-TL43 La ppm 0.2	AuME-TL43 Li ppm 0.1	AuME-TL43 Mg % 0.01	AuME-TL43 Mn ppm 5	AuME-TL43 Mo ppm 0.05	AuME-TL43 Na % 0.01	AuME-TL43 Nb ppm 0.05
3854001		89.7	4.83	4.45	0.06	0.09	0.16	0.039	0.06	11.0	4.9	1.65	768	0.48	0.03	0.12
3854002		91.7	3.88	9.22	0.07	0.20	0.09	0.030	0.08	7.2	10.4	1.29	671	0.60	0.07	0.23
3854003		92.1	4.25	6.91	0.07	0.11	0.10	0.028	0.04	8.5	8.7	1.01	797	0.71	0.05	0.11
3854004		120.5	4.16	11.95	0.07	0.27	0.05	0.031	0.06	5.1	7.4	1.00	820	0.42	0.06	0.44
3854005		69.0	4.05	11.20	0.06	0.23	0.08	0.031	0.05	6.0	7.5	0.91	624	0.38	0.05	0.06
3854006		102.0	3.79	6.75	0.07	0.18	0.12	0.024	0.04	6.2	7.6	0.87	593	0.52	0.12	0.29
3854007		79.8	3.81	8.32	0.05	0.20	0.04	0.026	0.08	7.1	9.7	0.90	549	0.37	0.04	0.37
3854008		134.0	4.44	12.05	0.07	0.24	0.02	0.025	0.07	3.6	9.1	1.41	702	0.30	0.09	0.09
3854009		66.6	3.71	5.57	0.06	0.10	0.21	0.028	0.07	11.0	12.0	0.87	428	0.82	0.03	0.48
3854010		62.7	3.69	4.93	0.05	0.05	0.27	0.029	0.08	8.7	11.8	0.96	603	0.97	0.02	0.72
3854011		95.1	5.35	4.17	0.06	0.06	0.93	0.040	0.06	6.3	7.8	0.70	905	1.44	0.01	0.48
3854012		81.0	4.30	4.86	0.05	0.05	1.25	0.034	0.08	7.1	12.1	0.84	1170	2.15	0.02	0.51
3854013		143.5	5.74	4.54	0.06	0.09	5.38	0.040	0.05	6.4	9.6	1.37	1020	0.99	0.02	0.34
3854014		166.5	6.72	5.65	0.06	0.08	7.01	0.045	0.07	5.8	11.8	1.23	1275	0.98	0.01	0.27
3854015		161.5	8.28	3.92	0.07	0.06	0.69	0.059	0.05	5.1	9.8	1.14	1725	1.20	0.01	0.16
3854016		115.0	5.23	5.59	0.06	0.10	0.45	0.039	0.06	7.6	7.2	1.23	678	1.46	0.01	0.19
3854017		81.3	4.27	3.56	0.05	0.08	1.57	0.031	0.06	5.6	6.4	1.72	752	1.93	0.01	0.31
3854018		123.5	5.90	4.58	0.06	0.10	0.62	0.038	0.09	6.2	6.7	1.53	1125	1.46	0.01	0.24
3854019		95.5	3.91	3.63	0.05	0.14	1.10	0.030	0.03	4.0	2.3	3.00	582	0.46	0.02	0.12
3854020		148.0	7.72	3.03	0.07	0.07	1.70	0.056	0.03	4.1	4.7	2.34	1020	2.32	0.02	0.10
3854021		103.5	5.03	2.59	0.05	<0.02	0.12	0.045	0.07	4.8	1.0	1.35	726	0.19	0.01	<0.05
3854051		536	7.36	7.91	0.07	0.04	2.31	0.065	0.04	4.8	3.4	1.23	1230	8.57	0.02	<0.05
3854052		66.4	3.58	6.71	0.06	0.16	0.06	0.027	0.04	13.2	8.4	0.73	398	0.70	0.04	0.13
3854053		108.5	3.51	11.45	0.06	0.22	0.04	0.028	0.06	4.6	6.3	0.81	574	0.31	0.05	0.37
3854054		77.1	3.65	7.04	0.06	0.16	0.13	0.025	0.04	7.9	8.7	0.93	504	0.54	0.04	0.16
3854055		109.5	5.36	9.97	0.06	0.21	0.25	0.031	0.07	5.2	8.5	2.16	1600	0.23	0.27	0.06
3854056		120.5	4.25	9.12	0.05	0.21	0.03	0.035	0.06	3.7	10.7	1.38	1080	0.40	0.05	0.12
3854057		138.5	3.27	10.10	0.05	0.24	0.05	0.022	0.08	1.8	13.1	1.74	551	0.15	0.15	0.16
3854058		70.8	3.26	7.48	0.05	0.13	0.03	0.025	0.05	8.1	9.7	0.70	343	0.40	0.04	0.41
3854059		87.0	4.06	7.70	0.08	0.21	0.10	0.030	0.07	10.1	8.0	0.76	411	0.42	0.05	0.23
3854060		61.9	3.73	8.61	0.07	0.14	0.04	0.030	0.06	11.4	11.7	0.84	453	0.52	0.03	0.07
3854061		122.5	5.88	12.00	0.07	0.18	0.06	0.031	0.09	5.7	10.7	1.73	898	0.29	0.08	<0.05
3854062		160.0	4.52	9.08	0.06	0.19	0.13	0.033	0.04	4.5	7.8	1.38	872	0.56	0.09	0.16
3854063		89.7	4.68	12.05	0.10	0.26	0.10	0.034	0.10	3.6	8.1	1.55	955	0.30	0.07	<0.05
3854064		118.0	4.49	9.68	0.08	0.24	0.11	0.031	0.05	4.7	8.4	1.58	1025	0.44	0.08	0.30
3854065		69.8	4.41	3.36	0.05	0.07	1.17	0.028	0.04	6.3	6.1	0.80	963	1.29	0.02	0.42
3854066		78.2	5.31	3.84	0.07	0.07	1.67	0.033	0.04	7.3	6.1	0.89	1140	1.56	0.02	0.26
3854067		25.9	1.90	3.92	<0.05	0.04	0.06	0.015	0.04	6.9	9.5	0.65	342	0.28	0.02	0.75
3854068		58.3	3.48	4.78	0.05	0.13	0.22	0.023	0.03	5.5	7.4	1.53	540	2.65	0.02	0.39
3854069		67.4	3.48	4.46	0.06	0.10	0.05	0.026	0.03	8.5	7.0	0.81	455	0.41	0.02	0.40

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

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CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
3854001		43.0	750	2.8	3.1	<0.001	0.02	1.10	22.8	0.4	0.2	172.0	<0.01	0.02	1.2	0.011
3854002		29.4	620	3.6	3.9	<0.001	0.01	0.18	13.6	0.4	0.3	220	<0.01	0.03	1.6	0.112
3854003		24.5	400	5.2	3.1	<0.001	0.01	0.68	13.3	0.5	0.3	89.1	<0.01	0.03	2.0	0.123
3854004		14.5	380	2.9	3.1	<0.001	0.02	0.12	12.9	0.5	0.3	157.5	<0.01	0.02	1.2	0.137
3854005		16.8	270	3.1	2.8	<0.001	<0.01	0.12	14.8	0.3	0.3	171.0	<0.01	0.02	1.4	0.103
3854006		19.7	520	3.4	2.1	<0.001	0.02	0.42	10.6	0.4	0.3	155.5	<0.01	0.02	1.2	0.143
3854007		23.5	330	3.9	4.4	<0.001	0.01	0.23	11.0	0.4	0.3	86.0	<0.01	0.02	1.7	0.119
3854008		21.2	370	2.6	2.7	<0.001	0.01	0.06	12.8	0.5	0.3	176.5	<0.01	0.01	0.6	0.124
3854009		73.8	210	5.6	5.0	<0.001	0.01	1.22	16.2	0.4	0.4	47.1	<0.01	0.03	3.2	0.073
3854010		91.6	570	5.1	5.9	<0.001	0.02	1.17	15.9	0.6	0.4	51.4	<0.01	0.04	1.9	0.057
3854011		123.0	370	4.5	5.9	<0.001	0.02	2.19	32.1	1.0	0.3	36.6	<0.01	0.03	1.5	0.029
3854012		71.1	420	5.1	5.5	<0.001	0.02	1.59	21.9	0.7	0.3	50.5	<0.01	0.04	1.1	0.039
3854013		71.8	670	4.3	5.0	<0.001	0.03	6.97	28.2	0.7	0.4	75.0	<0.01	0.03	1.0	0.026
3854014		142.0	450	5.4	7.8	<0.001	0.03	2.29	40.9	0.7	0.4	51.8	<0.01	0.03	1.5	0.028
3854015		268	580	5.5	4.4	<0.001	0.02	4.01	37.9	0.7	0.3	90.5	<0.01	0.03	0.7	0.014
3854016		129.0	300	4.1	3.9	<0.001	0.02	1.87	22.4	0.8	0.3	71.9	<0.01	0.03	1.0	0.022
3854017		213	870	3.3	5.0	<0.001	0.04	4.37	16.7	0.9	0.2	106.0	<0.01	0.02	1.0	0.015
3854018		212	390	3.8	5.2	<0.001	0.02	2.08	24.6	1.0	0.2	82.1	<0.01	0.02	0.7	0.011
3854019		266	970	2.1	2.3	0.001	0.03	1.90	18.1	0.5	0.2	151.0	<0.01	0.01	0.5	0.013
3854020		1035	700	2.5	2.5	<0.001	0.01	2.05	21.7	0.6	0.2	177.0	<0.01	0.03	0.8	0.021
3854021		14.0	790	1.4	2.2	<0.001	<0.01	0.15	20.4	0.3	0.2	77.0	<0.01	0.01	0.8	<0.005
3854051		23.5	860	7.2	2.3	0.003	0.23	3.66	22.3	0.8	0.2	109.0	<0.01	0.37	0.8	<0.005
3854052		23.0	210	5.1	4.0	<0.001	<0.01	0.64	11.5	0.3	0.3	75.2	<0.01	0.03	3.1	0.093
3854053		11.7	330	2.4	2.8	<0.001	0.02	0.12	11.1	0.5	0.3	150.5	<0.01	0.02	1.0	0.115
3854054		20.6	150	3.9	3.0	<0.001	0.01	0.54	11.5	0.4	0.3	72.1	<0.01	0.03	1.7	0.116
3854055		17.2	430	2.2	2.7	<0.001	0.03	<0.05	17.5	0.5	0.2	459	<0.01	0.01	0.4	0.033
3854056		12.2	480	1.7	2.1	<0.001	0.02	0.11	15.7	0.7	0.3	179.0	<0.01	0.02	0.5	0.038
3854057		19.0	190	1.4	2.6	<0.001	0.01	0.11	11.7	0.5	0.2	221	<0.01	0.03	0.4	0.086
3854058		23.7	230	3.7	3.2	<0.001	0.01	0.29	9.5	0.3	0.4	75.9	<0.01	0.02	2.4	0.092
3854059		22.6	300	3.5	4.1	<0.001	0.01	0.38	14.7	0.5	0.3	107.0	<0.01	0.02	1.8	0.141
3854060		27.2	260	5.0	4.6	<0.001	<0.01	0.37	15.3	<0.2	0.4	78.7	<0.01	0.02	3.6	0.119
3854061		71.9	190	3.3	4.0	<0.001	<0.01	0.23	14.0	0.2	0.3	274	<0.01	0.02	1.3	0.131
3854062		16.6	580	3.8	1.4	0.001	0.02	0.21	13.0	0.8	0.3	158.5	<0.01	0.05	0.7	0.103
3854063		16.6	490	1.8	2.1	<0.001	0.01	0.07	15.1	0.3	0.3	302	<0.01	0.02	0.6	0.136
3854064		17.6	550	1.6	1.4	<0.001	0.02	0.08	14.3	0.5	0.3	306	<0.01	0.02	0.6	0.148
3854065		104.5	780	3.4	2.5	0.001	0.03	3.75	12.5	0.9	0.2	68.0	<0.01	0.02	1.1	0.041
3854066		123.5	860	3.7	2.7	0.001	0.02	4.58	14.8	0.8	0.2	69.4	<0.01	0.02	1.4	0.050
3854067		17.8	610	3.3	4.9	0.001	0.02	0.36	4.2	0.4	0.3	41.9	<0.01	0.01	1.0	0.056
3854068		60.0	680	3.8	2.3	0.004	0.04	0.70	8.9	1.5	0.2	155.5	<0.01	0.03	0.8	0.070
3854069		15.4	850	3.0	1.5	0.002	0.04	0.18	8.1	1.2	0.3	51.1	<0.01	0.03	0.6	0.033

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

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To: RYAN BURKE

Finalized Date: 18-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method Analyte Units LOD	AuME-TL43 Tl ppm 0.02	AuME-TL43 U ppm 0.05	AuME-TL43 V ppm 1	AuME-TL43 W ppm 0.05	AuME-TL43 Y ppm 0.05	AuME-TL43 Zn ppm 2	AuME-TL43 Zr ppm 0.5
3854001		0.04	0.33	132	<0.05	12.05	53	2.6
3854002		0.06	0.44	141	<0.05	9.17	54	7.2
3854003		0.05	0.47	145	0.06	14.40	51	5.4
3854004		0.04	0.52	158	<0.05	10.75	61	10.6
3854005		0.04	0.53	137	<0.05	9.25	44	9.5
3854006		0.04	0.57	157	0.07	11.60	48	7.6
3854007		0.05	0.48	136	0.07	10.20	44	8.0
3854008		0.02	0.36	175	<0.05	8.92	48	8.0
3854009		0.11	0.43	91	0.08	14.05	44	4.2
3854010		0.16	0.40	94	0.10	10.70	57	1.8
3854011		0.39	0.32	166	0.05	15.50	64	2.4
3854012		0.26	0.31	128	0.05	12.80	61	1.9
3854013		0.10	0.32	143	<0.05	13.85	69	2.6
3854014		0.16	0.26	187	<0.05	14.05	86	2.4
3854015		0.10	0.26	191	<0.05	12.55	102	1.7
3854016		0.10	0.23	130	<0.05	14.35	60	3.7
3854017		0.12	0.43	91	0.05	9.48	67	2.3
3854018		0.10	0.21	121	<0.05	12.50	56	2.8
3854019		0.05	0.26	77	<0.05	9.83	39	5.8
3854020		0.09	0.46	101	<0.05	7.65	95	2.3
3854021		0.02	0.14	158	<0.05	9.89	52	<0.5
3854051		0.10	0.32	198	<0.05	15.75	100	1.0
3854052		0.05	0.46	105	0.06	12.65	43	6.7
3854053		0.04	0.41	135	<0.05	9.70	49	8.8
3854054		0.04	0.41	127	0.06	12.15	44	7.2
3854055		0.07	0.27	127	<0.05	11.95	51	6.4
3854056		0.03	0.31	127	<0.05	10.10	47	5.7
3854057		0.02	0.24	116	<0.05	6.65	39	8.1
3854058		0.04	0.58	104	0.10	8.38	36	5.3
3854059		0.05	0.82	157	0.07	16.05	42	9.2
3854060		0.06	0.88	119	0.11	10.65	44	6.2
3854061		0.03	0.39	217	<0.05	9.57	65	8.2
3854062		0.02	0.41	159	<0.05	9.50	53	7.0
3854063		0.06	0.59	173	<0.05	8.59	55	9.1
3854064		0.04	0.71	157	<0.05	9.44	55	9.2
3854065		0.18	0.40	86	0.06	9.10	67	2.5
3854066		0.22	0.42	108	0.06	10.25	74	3.1
3854067		0.04	0.34	48	0.09	5.50	50	1.5
3854068		0.09	0.45	91	<0.05	7.95	88	4.9
3854069		<0.02	0.49	121	<0.05	9.06	44	3.3

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To: RYAN BURKE

Finalized Date: 18-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
3854070		0.66	0.002	0.09	1.27	8.1	<10	140	0.38	0.08	0.90	0.11	15.90	9.9	28	0.46
3854071		0.62	0.002	0.07	1.26	4.6	<10	130	0.33	0.06	1.15	0.18	14.45	8.9	24	0.40
3854072		0.52	0.001	0.03	1.26	4.6	<10	90	0.28	0.04	0.94	0.11	13.50	9.8	28	0.27
3854073		0.55	0.025	0.03	1.42	6.2	<10	90	0.32	0.04	1.28	0.11	13.20	11.8	27	0.33
3854074		0.67	0.001	0.08	1.39	9.5	10	330	0.36	0.05	1.91	0.41	12.55	11.6	29	0.37
3854075		0.56	0.010	0.61	0.79	355	<10	950	0.37	0.04	0.06	5.38	12.30	200	98	0.38
3854076		0.51	0.004	0.32	0.19	323	<10	20	0.08	0.02	0.10	0.45	2.55	4.8	73	0.10
3854077		0.48	0.002	0.05	1.93	9.9	<10	80	0.36	0.03	5.62	0.11	7.90	21.7	30	0.73
3854078		0.50	0.002	0.02	2.02	5.2	10	100	0.23	0.03	1.35	0.06	7.61	14.7	25	0.31
3854101		0.39	0.004	0.06	2.16	11.8	10	300	0.31	0.05	4.32	0.11	9.94	17.2	24	0.79
3854102		0.48	0.002	0.05	1.55	5.0	<10	240	0.37	0.04	0.74	0.04	17.80	19.8	37	0.49
3854103		0.35	0.004	0.05	1.11	6.4	<10	260	0.31	0.03	2.70	0.08	8.17	19.9	24	0.50
3854104		0.34	0.004	0.05	2.64	14.1	<10	190	0.46	0.06	0.82	0.06	14.95	20.2	41	0.34
3854105		0.62	0.003	0.05	2.01	10.5	<10	140	0.48	0.09	0.56	0.06	20.7	15.0	44	0.48
3854106		0.35	0.005	0.15	2.27	8.6	10	240	0.37	0.04	5.90	0.12	14.45	20.7	33	0.37
3854107		0.34	0.002	0.06	1.75	7.0	10	150	0.42	0.05	2.32	0.14	13.00	24.5	53	0.36
3854108		0.83	0.002	0.07	1.18	6.8	<10	140	0.31	0.06	1.61	0.23	15.60	11.3	30	0.40
3854109		0.25	0.002	0.09	1.11	19.1	10	390	0.31	0.07	1.85	0.25	12.15	10.2	27	0.30
3854110		0.60	0.053	0.06	1.08	7.4	<10	110	0.29	0.05	1.51	0.19	14.45	12.3	41	0.50
3854111		0.55	0.029	0.07	1.17	8.0	<10	130	0.32	0.05	1.68	0.26	14.85	13.0	38	0.51
3854112		0.39	0.003	0.08	1.25	7.8	<10	150	0.34	0.07	1.34	0.31	15.30	12.3	34	0.46
3854113		0.71	0.002	0.07	1.27	7.9	<10	160	0.33	0.09	1.28	0.36	15.90	11.8	38	0.49
3854114		0.33	0.002	0.05	1.30	4.3	10	100	0.28	0.05	1.44	0.13	11.95	8.7	24	0.31
3854115		0.41	0.004	0.05	4.79	8.4	40	40	0.24	0.02	4.60	0.08	5.99	16.8	28	1.31
3854116		0.38	0.007	0.05	6.33	14.4	590	20	0.21	0.02	4.97	0.08	4.15	17.0	19	2.93
3854117		0.35	0.007	0.04	7.04	20.5	60	20	0.18	0.01	5.64	0.07	4.30	20.3	18	2.47
3854118		0.44	0.008	0.04	6.39	14.2	220	20	0.20	0.01	5.57	0.13	5.09	23.7	17	2.43
3854119		0.51	0.004	0.04	5.98	8.6	40	20	0.18	0.01	5.37	0.08	5.48	17.2	20	1.53
3854120		0.36	0.004	0.05	5.94	14.2	100	20	0.23	0.01	5.43	0.10	5.52	17.4	22	1.57
3854121		0.60	0.006	0.05	5.67	12.2	30	20	0.23	0.01	5.69	0.08	5.25	18.3	24	1.55
3854122		0.55	0.008	0.07	5.84	10.4	60	20	0.24	0.02	5.64	0.10	5.92	21.1	24	1.56
3854123		0.33	0.005	0.07	5.42	8.1	40	20	0.21	0.01	5.44	0.10	4.68	16.7	32	1.70
3854124		0.48	0.006	0.05	6.12	5.5	40	20	0.12	0.01	4.97	0.06	3.15	11.0	29	1.44
3854125		0.49	0.004	0.07	5.07	7.9	40	30	0.20	0.02	4.41	0.08	5.32	15.3	35	1.21
3854126		0.42	0.004	0.07	4.66	7.2	50	30	0.26	0.02	4.05	0.06	6.22	17.9	39	1.31
3854127		0.60	0.004	0.07	4.90	6.1	10	20	0.19	0.01	5.30	0.09	4.49	16.8	29	1.35
3854128		0.45	0.017	0.06	5.21	9.1	30	40	0.26	0.02	4.78	0.10	5.84	20.3	29	1.11
3854129		0.55	0.004	0.09	4.20	11.1	30	50	0.23	0.02	4.01	0.08	7.01	17.1	40	0.61
3854130		0.32	0.003	0.19	1.15	8.5	10	250	0.31	0.05	5.99	0.83	13.00	13.8	39	0.29
3854151		0.39	0.005	0.04	2.11	6.2	10	320	0.28	0.02	5.39	0.11	7.57	20.1	23	0.63

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To: RYAN BURKE

Finalized Date: 18-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method / Analyte / Units / LOD	AuME-TL43 Cu ppm 0.2	AuME-TL43 Fe % 0.01	AuME-TL43 Ga ppm 0.05	AuME-TL43 Ge ppm 0.05	AuME-TL43 Hf ppm 0.02	AuME-TL43 Hg ppm 0.01	AuME-TL43 In ppm 0.005	AuME-TL43 K % 0.01	AuME-TL43 La ppm 0.2	AuME-TL43 Li ppm 0.1	AuME-TL43 Mg % 0.01	AuME-TL43 Mn ppm 5	AuME-TL43 Mo ppm 0.05	AuME-TL43 Na % 0.01	AuME-TL43 Nb ppm 0.05
3854070		39.8	2.28	4.31	<0.05	0.03	0.10	0.019	0.04	8.3	9.3	0.65	380	0.53	0.02	0.79
3854071		35.0	1.98	4.16	<0.05	0.05	0.08	0.018	0.04	7.2	10.0	0.62	411	0.30	0.08	0.79
3854072		30.2	2.93	4.79	0.06	0.09	0.06	0.016	0.03	6.9	9.1	0.79	308	0.36	0.02	0.53
3854073		43.7	3.27	5.35	0.07	0.12	0.06	0.020	0.04	6.6	10.8	1.01	384	0.47	0.02	0.39
3854074		47.8	3.25	5.10	0.06	0.12	0.09	0.021	0.04	6.5	10.1	1.02	362	1.74	0.03	0.48
3854075		205	8.00	2.87	0.07	<0.02	2.72	0.083	0.04	4.8	5.4	0.12	13950	7.02	0.01	0.09
3854076		60.7	1.70	1.08	<0.05	<0.02	0.80	0.058	0.02	1.7	0.7	0.02	51	1.91	<0.01	<0.05
3854077		102.5	4.73	6.87	0.06	0.07	0.24	0.047	0.04	3.4	6.3	1.82	986	0.29	0.04	<0.05
3854078		55.0	3.67	6.50	0.05	0.10	0.08	0.025	0.03	3.2	6.0	1.09	560	0.24	0.04	0.17
3854101		82.2	3.78	5.64	0.05	0.08	0.20	0.032	0.09	5.0	7.1	1.03	583	0.36	0.02	0.31
3854102		88.8	4.91	4.85	0.06	0.04	0.39	0.044	0.07	8.8	4.9	0.47	759	0.44	0.02	0.28
3854103		80.4	3.91	3.23	0.05	0.06	0.17	0.034	0.07	3.6	4.2	0.79	685	0.28	0.02	0.23
3854104		77.0	5.17	7.47	0.07	0.17	0.11	0.042	0.07	7.5	7.1	0.86	737	0.81	0.02	0.25
3854105		52.7	3.85	5.91	0.07	0.14	0.04	0.032	0.06	8.8	11.1	0.86	444	1.16	0.02	0.32
3854106		110.5	4.69	6.08	0.06	0.13	0.24	0.040	0.05	7.3	6.0	1.05	881	0.37	0.03	0.32
3854107		103.0	5.75	5.11	0.07	0.08	0.13	0.049	0.13	5.6	8.0	0.79	868	0.43	0.02	0.20
3854108		34.3	2.50	3.85	0.06	0.06	0.09	0.018	0.05	7.8	7.6	0.66	572	0.91	0.02	0.71
3854109		27.9	4.25	3.40	0.06	0.09	0.12	0.017	0.07	6.2	7.0	0.65	5170	0.67	0.04	0.69
3854110		32.0	3.28	3.90	0.08	0.07	0.33	0.018	0.04	7.2	6.2	0.67	542	0.97	0.02	0.31
3854111		36.9	3.05	3.89	0.07	0.06	0.24	0.021	0.04	7.4	6.8	0.69	621	1.10	0.02	0.44
3854112		39.6	2.59	3.88	0.05	0.06	0.14	0.020	0.06	7.7	7.8	0.68	729	1.00	0.02	0.81
3854113		40.2	2.79	4.02	0.06	0.07	0.21	0.022	0.05	8.1	7.9	0.70	629	1.03	0.02	0.79
3854114		35.5	2.13	3.85	<0.05	0.10	0.05	0.016	0.05	6.0	6.9	0.61	390	0.29	0.04	0.78
3854115		84.3	3.71	10.40	0.07	0.31	0.11	0.026	0.07	2.6	5.9	1.07	721	0.26	0.05	0.27
3854116		85.0	3.06	11.55	0.11	0.23	0.13	0.022	0.07	1.7	4.8	0.86	762	0.19	0.07	<0.05
3854117		89.9	3.54	12.65	0.11	0.10	0.17	0.027	0.05	1.7	5.1	0.94	796	0.20	0.08	<0.05
3854118		106.5	3.81	12.45	0.13	0.14	0.18	0.029	0.05	2.0	6.3	1.06	1120	0.30	0.09	<0.05
3854119		93.4	3.95	12.90	0.14	0.18	0.08	0.032	0.05	2.2	6.0	1.11	761	0.32	0.06	<0.05
3854120		93.2	3.85	13.10	0.14	0.15	0.09	0.028	0.05	2.3	5.9	1.16	719	0.39	0.06	<0.05
3854121		100.5	3.90	12.60	0.10	0.24	0.10	0.031	0.06	2.1	6.0	1.10	813	0.26	0.07	<0.05
3854122		107.5	3.83	13.90	0.12	0.29	0.14	0.032	0.04	2.5	6.3	1.17	967	0.32	0.08	<0.05
3854123		98.4	3.48	11.95	0.13	0.26	0.07	0.028	0.05	2.1	5.8	1.11	768	0.26	0.09	0.05
3854124		69.6	2.55	11.50	0.10	0.08	0.05	0.019	0.05	1.3	4.7	0.90	536	0.13	0.08	<0.05
3854125		97.8	3.20	11.30	0.11	0.31	0.07	0.023	0.06	2.3	6.7	1.12	751	0.30	0.06	0.12
3854126		110.5	4.06	11.10	0.12	0.30	0.05	0.029	0.06	2.7	6.5	1.24	778	0.24	0.07	0.18
3854127		90.5	3.58	10.85	0.13	0.14	0.04	0.025	0.04	1.9	7.3	1.42	866	0.18	0.10	<0.05
3854128		88.6	4.02	11.90	0.13	0.30	0.07	0.032	0.06	2.5	6.0	1.29	874	0.30	0.07	0.06
3854129		111.5	3.53	9.84	0.08	0.24	0.06	0.028	0.07	2.9	5.3	1.06	897	0.37	0.06	0.20
3854130		72.8	2.44	3.84	0.06	0.11	0.26	0.021	0.07	7.2	9.2	0.95	580	1.82	0.02	0.61
3854151		99.9	4.47	5.08	0.05	0.08	0.22	0.041	0.06	3.2	6.9	0.87	528	0.29	0.02	0.13

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

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To: RYAN BURKE

Finalized Date: 18-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method / Analyte / Units / LOD	AuME-TL43 Ni ppm 0.2	AuME-TL43 P ppm 10	AuME-TL43 Pb ppm 0.2	AuME-TL43 Rb ppm 0.1	AuME-TL43 Re ppm 0.001	AuME-TL43 S % 0.01	AuME-TL43 Sb ppm 0.05	AuME-TL43 Sc ppm 0.1	AuME-TL43 Se ppm 0.2	AuME-TL43 Sn ppm 0.2	AuME-TL43 Sr ppm 0.2	AuME-TL43 Ta ppm 0.01	AuME-TL43 Te ppm 0.01	AuME-TL43 Th ppm 0.2	AuME-TL43 Ti % 0.005
3854070		21.6	680	4.3	4.0	<0.001	0.02	0.59	5.0	0.5	0.3	41.6	<0.01	0.02	0.9	0.056
3854071		18.0	640	3.6	4.8	0.001	0.09	0.38	4.6	0.5	0.2	47.4	<0.01	0.02	0.7	0.057
3854072		15.8	590	3.0	3.4	<0.001	0.01	0.27	5.4	0.4	0.3	38.7	<0.01	0.01	1.2	0.112
3854073		18.1	590	3.2	3.2	0.001	0.01	0.28	6.9	0.3	0.3	45.6	<0.01	0.02	1.1	0.116
3854074		26.8	600	3.6	3.5	0.002	0.03	0.49	6.9	1.4	0.3	66.7	<0.01	0.03	1.1	0.104
3854075		623	1410	5.3	2.9	<0.001	0.01	7.66	68.3	0.8	0.3	16.2	<0.01	0.02	0.8	0.015
3854076		35.3	450	1.7	0.8	<0.001	0.02	12.85	35.4	0.5	<0.2	13.4	<0.01	0.01	0.5	<0.005
3854077		21.7	520	1.8	2.3	0.001	0.01	0.21	18.1	0.2	0.3	132.0	<0.01	0.01	0.7	0.021
3854078		14.0	410	2.2	2.3	<0.001	0.01	0.22	9.9	0.4	0.2	109.0	<0.01	0.01	0.6	0.099
3854101		21.1	510	2.2	4.6	<0.001	0.02	1.05	16.9	0.5	0.2	125.5	<0.01	0.02	0.9	0.016
3854102		22.9	280	2.1	4.6	<0.001	0.02	1.06	31.5	0.4	0.2	36.2	<0.01	0.02	1.0	0.006
3854103		19.2	500	1.8	3.8	<0.001	0.03	1.66	20.6	0.5	0.2	90.6	<0.01	0.01	0.5	0.006
3854104		23.6	160	4.3	3.7	<0.001	0.01	0.77	20.9	0.2	0.3	57.5	<0.01	0.03	1.6	0.066
3854105		38.7	230	5.4	4.9	<0.001	<0.01	0.98	12.0	0.4	0.3	43.0	<0.01	0.04	2.5	0.104
3854106		23.1	450	2.9	2.4	<0.001	0.03	0.96	21.0	0.8	0.3	173.0	<0.01	0.03	0.7	0.045
3854107		24.4	260	3.2	5.3	<0.001	0.01	0.90	32.3	0.4	0.3	69.5	<0.01	0.01	1.0	0.027
3854108		25.3	600	4.0	3.8	0.001	0.02	0.55	5.5	0.6	0.3	58.8	<0.01	0.02	1.3	0.073
3854109		23.1	920	3.5	3.8	0.002	0.10	0.41	4.5	1.8	0.2	77.1	<0.01	0.04	0.8	0.046
3854110		28.8	620	3.4	3.0	0.001	0.01	0.55	6.1	0.5	0.2	50.7	<0.01	0.02	1.5	0.087
3854111		31.5	650	3.7	3.4	0.001	0.01	0.64	6.7	0.5	0.3	57.7	<0.01	0.02	1.5	0.080
3854112		31.0	710	4.0	4.9	0.001	0.03	0.64	6.3	0.9	0.3	57.5	<0.01	0.02	1.1	0.068
3854113		30.2	700	4.0	4.7	0.001	0.04	0.66	6.5	1.0	0.3	55.6	<0.01	0.02	1.3	0.073
3854114		15.6	600	3.3	4.1	0.001	0.06	0.35	4.9	0.8	0.2	69.1	<0.01	0.01	0.9	0.072
3854115		15.9	330	1.5	2.1	<0.001	0.02	0.07	12.8	0.5	0.3	188.0	<0.01	0.02	0.4	0.113
3854116		11.1	310	1.3	1.8	<0.001	0.01	<0.05	10.1	0.3	0.2	247	<0.01	0.01	0.3	0.084
3854117		11.5	310	1.3	1.5	<0.001	0.02	<0.05	11.5	0.5	0.2	256	<0.01	0.01	0.3	0.097
3854118		11.0	360	1.4	1.6	<0.001	0.01	<0.05	13.5	0.3	0.3	248	<0.01	0.02	0.4	0.113
3854119		10.9	410	1.3	1.5	<0.001	0.01	<0.05	13.2	0.3	0.3	238	<0.01	0.01	0.4	0.123
3854120		12.2	390	1.4	1.5	<0.001	0.01	<0.05	13.4	0.4	0.3	237	<0.01	0.02	0.4	0.122
3854121		11.7	360	1.3	2.6	<0.001	0.01	0.05	14.1	0.4	0.3	234	<0.01	0.02	0.3	0.114
3854122		12.4	380	1.5	1.9	<0.001	0.01	0.05	14.2	0.5	0.3	228	<0.01	0.01	0.4	0.125
3854123		13.3	330	1.3	1.7	<0.001	0.01	<0.05	13.4	0.5	0.2	261	<0.01	0.01	0.4	0.113
3854124		10.2	210	0.9	1.9	<0.001	<0.01	<0.05	9.6	0.3	0.2	222	<0.01	0.02	0.3	0.075
3854125		15.4	420	1.6	1.8	<0.001	0.01	0.05	12.2	0.4	0.2	208	<0.01	0.01	0.4	0.103
3854126		14.7	470	1.7	1.5	<0.001	0.01	0.06	13.9	0.4	0.2	222	<0.01	0.01	0.5	0.135
3854127		12.2	330	3.0	1.3	<0.001	<0.01	<0.05	12.7	0.2	0.2	263	<0.01	0.01	0.4	0.098
3854128		14.7	410	1.7	1.8	<0.001	0.01	0.05	12.9	0.4	0.3	285	<0.01	0.01	0.4	0.116
3854129		20.3	490	1.8	2.0	<0.001	0.02	0.07	12.0	0.6	0.2	246	<0.01	0.02	0.4	0.086
3854130		59.5	770	3.6	2.7	0.002	0.13	0.70	6.7	3.8	0.2	155.5	<0.01	0.03	0.6	0.052
3854151		16.6	300	1.5	3.7	<0.001	0.02	0.99	27.0	0.7	0.2	134.0	<0.01	0.02	0.5	<0.005

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To: RYAN BURKE

Finalized Date: 18-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5
3854070		0.06	0.54	58	0.11	7.48	45	1.4
3854071		0.05	0.53	55	0.09	6.70	46	2.0
3854072		0.03	0.33	99	0.09	5.75	51	3.9
3854073		0.02	0.32	110	0.05	6.47	51	5.2
3854074		0.07	0.40	102	0.07	6.81	71	5.0
3854075		1.11	0.79	198	0.07	14.15	172	<0.5
3854076		0.49	0.46	83	<0.05	2.58	24	<0.5
3854077		0.03	0.29	149	<0.05	11.25	62	2.4
3854078		0.03	0.23	131	<0.05	5.37	45	3.9
3854101		0.05	0.30	106	<0.05	8.85	47	2.4
3854102		0.04	0.40	142	<0.05	15.00	39	1.3
3854103		0.04	0.19	112	<0.05	9.64	38	1.8
3854104		0.06	0.45	166	<0.05	14.40	47	7.1
3854105		0.08	0.52	107	0.15	8.17	48	6.5
3854106		0.04	0.35	160	<0.05	13.00	49	4.1
3854107		0.06	0.23	191	<0.05	13.45	56	2.5
3854108		0.08	0.46	70	0.11	7.27	51	2.3
3854109		0.06	0.33	70	0.11	6.17	48	2.6
3854110		0.07	0.50	101	0.15	6.62	53	3.0
3854111		0.09	0.43	89	0.08	7.20	57	2.6
3854112		0.10	0.49	69	0.12	7.94	62	2.6
3854113		0.09	0.45	77	0.10	7.59	61	2.7
3854114		0.04	0.36	66	0.14	6.00	44	3.5
3854115		0.04	0.26	153	<0.05	7.57	41	10.3
3854116		0.05	0.18	128	<0.05	6.14	33	7.3
3854117		0.05	0.21	143	<0.05	6.58	36	3.8
3854118		0.07	0.24	151	<0.05	7.73	41	4.6
3854119		0.02	0.30	163	<0.05	8.34	44	7.6
3854120		0.04	0.32	160	<0.05	8.30	42	5.9
3854121		0.05	0.28	159	<0.05	8.30	39	8.3
3854122		0.05	0.44	156	<0.05	8.81	42	10.4
3854123		0.03	0.33	158	<0.05	7.19	36	8.4
3854124		<0.02	0.17	101	<0.05	4.57	27	2.9
3854125		0.02	0.31	131	<0.05	6.45	36	10.5
3854126		0.02	0.31	178	<0.05	7.18	45	10.6
3854127		0.02	0.24	142	<0.05	5.76	37	4.7
3854128		0.05	0.30	153	<0.05	7.78	43	10.2
3854129		0.04	0.29	135	<0.05	7.39	41	7.6
3854130		0.12	0.50	61	0.10	9.80	84	3.8
3854151		0.04	0.17	128	<0.05	11.15	37	1.9

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

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To: RYAN BURKE

Finalized Date: 18-JUL-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method	WEI-21	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.1	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
3854152		0.34	0.016	0.12	1.72	42.0	10	130	0.30	0.03	3.54	0.12	5.42	34.0	31	0.97
3854153		0.25	0.002	0.04	3.27	7.7	<10	140	0.41	0.04	0.99	0.06	13.95	20.2	36	0.33
3854154		0.40	0.003	0.08	1.80	7.4	<10	160	0.30	0.03	5.91	0.10	11.25	19.9	24	0.35
3854155		0.38	0.004	0.07	2.03	8.2	<10	210	0.35	0.05	4.15	0.15	13.75	20.2	33	0.61

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Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
3854152		119.0	5.05	4.22	0.07	0.07	0.22	0.036	0.10	2.3	5.1	1.36	1415	0.57	0.01	0.15
3854153		83.9	5.14	8.94	0.09	0.19	0.06	0.041	0.16	7.3	6.4	1.03	724	0.40	0.04	0.15
3854154		85.6	4.43	4.84	0.07	0.09	0.15	0.036	0.06	5.4	5.0	1.24	785	0.43	0.03	0.22
3854155		90.0	5.02	5.67	0.07	0.10	0.17	0.042	0.06	6.7	5.6	1.02	742	0.36	0.02	0.21

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Sample Description	Method / Analyte / Units / LOD	AuME-TL43 Ni ppm 0.2	AuME-TL43 P ppm 10	AuME-TL43 Pb ppm 0.2	AuME-TL43 Rb ppm 0.1	AuME-TL43 Re ppm 0.001	AuME-TL43 S % 0.01	AuME-TL43 Sb ppm 0.05	AuME-TL43 Sc ppm 0.1	AuME-TL43 Se ppm 0.2	AuME-TL43 Sn ppm 0.2	AuME-TL43 Sr ppm 0.2	AuME-TL43 Ta ppm 0.01	AuME-TL43 Te ppm 0.01	AuME-TL43 Th ppm 0.2	AuME-TL43 Ti % 0.005
3854152		25.5	540	2.6	4.0	<0.001	0.03	6.52	23.5	0.4	0.2	130.0	<0.01	0.01	0.4	0.029
3854153		20.5	140	3.0	7.5	<0.001	0.01	0.29	20.8	0.2	0.3	86.5	<0.01	0.02	1.2	0.075
3854154		18.6	510	2.2	2.9	<0.001	0.02	0.62	16.1	0.7	0.2	157.0	<0.01	0.02	0.7	0.024
3854155		21.6	260	2.9	3.8	<0.001	0.01	0.67	22.5	0.6	0.3	105.0	<0.01	0.02	1.3	0.015

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CERTIFICATE OF ANALYSIS WH22170399

Sample Description	Method	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43	AuME-TL43
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.05	1	0.05	0.05	2	0.5
3854152		0.06	0.21	176	0.05	7.97	65	1.9
3854153		0.05	0.35	168	<0.05	14.90	47	7.3
3854154		0.05	0.29	126	<0.05	11.15	49	2.8
3854155		0.05	0.31	152	<0.05	13.60	47	3.2

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CERTIFICATE OF ANALYSIS WH22170399

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: LOG-21 SCR-41 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: AuME-TL43

ALS Canada Ltd.

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2-DEC-2022
Account: BURKEY

CERTIFICATE WH22329600

Project: MIL

P.O. No.: Terraspec

This report is for 47 samples of Reject submitted to our lab in Whitehorse, YT, Canada on 15-NOV-2022.

The following have access to data associated with this certificate:

RYAN BURKE MIKE BURKE	MIKE BURKE	RYAN BURKE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SPL-21	Split sample - riffle splitter
TRSPEC-20	Spectral Scan VNIR and SWIR - Coarse
INTERP-11	Spectral Interpretation (units in m)
DPTH-01	Depth

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

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

Signature:

Saa Traxler, Director, North Vancouver Operations

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To: RYAN BURKE

Finalized Date: 1-DEC-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22329600

Sample Description	Method / Analyte / Units / LOD	DPTH-01 START m 0.00	DPTH-01 END m 0.00	INTERP-11 Spectrum Unity 0	INTERP-11 SampleTy Unity 0	INTERP-11 Spectrum Unity 0	INTERP-11 Reflecta Unity 0.00001	INTERP-11 SWIRNois Unity 0.001	INTERP-11 QAQC_Noi Unity 0	INTERP-11 QAQC_Qua Unity 0	INTERP-11 QAQC_Wat Unity 0	INTERP-11 Kaolinit % 0.01	INTERP-11 Gypsum % 0.01	INTERP-11 Carbonat % 0.01	INTERP-11 Gibbsite % 0.01	INTERP-11 Dickite % 0.01
3854251		0	1	Available	Reject	Available	0.37069	13.217	OK	OK	OK	20.0	25.0			55.0
3854255		1	2	Available	Reject	Available	0.32761	11.285	OK	OK	OK	75.0	25.0			
3854258		2	3	Available	Reject	Available	0.73421	12.723	OK	OK	OK	100				
3854261		3	4	Available	Reject	Available	0.65629	13.038	OK	OK	OK	100				
3854262		4	5	Available	Reject	Available	0.82490	12.548	OK	OK	OK	100				
3854263		5	6	Available	Reject	Available	0.72339	12.486	OK	OK	OK	100				
3854264		6	7	Available	Reject	Available	0.62345	12.139	OK	OK	OK	100				
3854267		7	8	Available	Reject	Available	0.66719	12.961	OK	OK	OK	80.0		20.0		
3854268		8	9	Available	Reject	Available	0.65758	12.695	OK	OK	OK	90.0	10.00			
3854269		9	10	Available	Reject	Available	0.82648	11.929	OK	OK	OK	60.0		20.0		20.0
3854276		10	11	Available	Reject	Available	0.67165	12.670	OK	OK	OK	100				
3854280		11	12	Available	Reject	Available	0.62018	11.981	OK	OK	OK					100
3854303		12	13	Available	Reject	Available	0.36598	11.003	OK	OK	OK	100				
3854310		13	14	Available	Reject	Available	0.78136	11.829	OK	OK	OK	100				
3854311		14	15	Available	Reject	Available	0.48589	13.413	OK	OK	OK	100				
3854312		15	16	Available	Reject	Available	0.57106	13.008	OK	OK	OK	70.0				30.0
3854319		16	17	Available	Reject	Available	0.70447	12.276	OK	OK	OK	100				
3854324		17	18	Available	Reject	Available	0.53697	12.402	OK	OK	OK	100				
3854327		18	19	Available	Reject	Available	0.67086	11.868	OK	OK	OK	100				
3854328		19	20	Available	Reject	Available	0.62256	13.585	OK	OK	OK	100				
3854329		20	21	Available	Reject	Available	0.75875	14.649	OK	OK	OK	100				
3854330		21	22	Available	Reject	Available	0.64967	13.016	OK	OK	OK	100				
3854355		22	23	Available	Reject	Available	0.68291	12.588	OK	OK	OK	100				
3854356		23	24	Available	Reject	Available	0.51889	12.208	OK	OK	OK	100				
3854360		24	25	Available	Reject	Available	0.67923	12.072	OK	OK	OK	100				
3854366		25	26	Available	Reject	Available	0.78173	11.667	OK	OK	OK	70.0				30.0
3854369		26	27	Available	Reject	Available	0.80430	12.519	OK	OK	OK	100				
3854371		27	28	Available	Reject	Available	0.75464	12.403	OK	OK	OK	100				
3854405		28	29	Available	Reject	Available	0.44253	12.179	OK	OK	OK	100				
3854411		29	30	Available	Reject	Available	0.44597	11.093	OK	OK	OK	100				
3854412		30	31	Available	Reject	Available	0.70339	12.452	OK	OK	OK	100				
3854416		31	32	Available	Reject	Available	0.64038	12.724	OK	OK	OK	100				
3854417		32	33	Available	Reject	Available	0.64355	13.367	OK	OK	OK	100				
3854419		33	34	Available	Reject	Available	0.65007	7.498	OK	OK	OK	25.0				
3854420		34	35	Available	Reject	Available	0.59368	10.025	OK	OK	OK	100				
3854421		35	36	Available	Reject	Available	0.61527	11.694	OK	OK	OK	100				
3854422		36	37	Available	Reject	Available	0.62827	7.074	OK	OK	OK	20.0				
3854423		37	38	Available	Reject	Available	0.70866	12.534	OK	OK	OK	100				
3854428		38	39	Available	Reject	Available	0.66231	13.121	OK	OK	OK	100				
3854432		39	40	Available	Reject	Available	0.77760	11.968	OK	OK	OK	70.0				30.0

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To: RYAN BURKE

Finalized Date: 1-DEC-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22329600

Sample Description	Method	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11	INTERP-11
	Analyte	Novnir_v	FeCarb_v	Hem_vnir	Goeth_vn	RelSmect	D_Main	D_AlOH	D_FeOH	D_OH1400	D_H2O	FeSlope	D_FeOxid	FeatureT	Integrat	Geology
	Units	Unity	Unity	Unity	Unity	Unity	Unity	Unity	Unity	Unity	Unity	Unity	Unity	Unity	Unity	Unity
	LOD	0	0	0	0	0.001	0.001	0.0001	0.0001	0.001	0.0001	0.0001	0.001	0	1	0
3854251		Present					0.145	0.1447	0.0023	0.073	0.0374	0.9858		general	10	Group 1
3854255		Present					0.113	0.1126		0.037	0.0418	1.0280		general	10	Group 1
3854258					Present		0.174	0.1735		0.088	0.0635	0.9987	0.174	general	10	Group 1
3854261					Present		0.163	0.1627		0.097	0.0915	0.9956		general	10	Group 1
3854262					Present		0.210	0.2097		0.130	0.0869	0.9977		general	10	Group 1
3854263				Present	Present	0.517	0.266	0.2661		0.196	0.1377	1.0237		general	10	Group 1
3854264				Present	Present		0.190	0.1899		0.082	0.0469	1.0320		general	10	Group 1
3854267					Present		0.173	0.1733		0.082	0.0660	1.1158		general	10	Group 1
3854268				Present	Present		0.212	0.2123		0.116	0.0717	1.0231	0.121	general	10	Group 1
3854269			Present				0.153	0.1527		0.073	0.0600	1.0891		general	10	Group 1
3854276				Present	Present		0.166	0.1664		0.104	0.0980	1.0121		general	10	Group 1
3854280					Present		0.125	0.1249	0.0053	0.059	0.0285	1.0057		general	10	Group 1
3854303				Present	Present	0.682	0.236	0.2360		0.149	0.1606	1.0135	0.089	general	10	Group 1
3854310		Present				0.310	0.243	0.2431		0.134	0.0754	1.0324		general	10	Group 1
3854311					Present		0.217	0.2170		0.175	0.1363	0.9660		general	10	Group 1
3854312					Present		0.203	0.2030		0.136	0.0985	1.0097		general	10	Group 1
3854319					Present		0.233	0.2327		0.147	0.0923	1.0399		general	10	Group 1
3854324					Present		0.173	0.1727		0.113	0.1227	0.9951		general	10	Group 1
3854327					Present		0.122	0.1223		0.056	0.0603	1.0281	0.123	general	10	Group 1
3854328					Present		0.168	0.1677		0.095	0.0749	1.0007		general	10	Group 1
3854329					Present		0.193	0.1929		0.143	0.0896	0.9575		general	10	Group 1
3854330					Present		0.140	0.1402		0.078	0.0786	0.9985		general	10	Group 1
3854355				Present	Present		0.113	0.1134		0.046	0.0686	1.0386		general	10	Group 1
3854356				Present	Present		0.096	0.0963		0.031	0.0374	1.0355	0.059	general	10	Group 1
3854360				Present	Present		0.217	0.2168		0.104	0.0604	1.0305		general	10	Group 1
3854366					Present		0.240	0.2403		0.154	0.0954	1.0345		general	10	Group 1
3854369					Present		0.230	0.2303		0.144	0.0960	1.0050		general	10	Group 1
3854371					Present		0.197	0.1968		0.105	0.0694	1.0188		general	10	Group 1
3854405					Present		0.263	0.2625		0.185	0.1851	1.0113		general	10	Group 1
3854411				Present	Present		0.051	0.0509		0.016	0.0287	0.9990	0.034	general	10	Group 1
3854412					Present	0.633	0.172	0.1720		0.094	0.1088	1.0429		general	10	Group 1
3854416					Present		0.204	0.2040		0.119	0.0789	1.0217		general	10	Group 1
3854417					Present		0.197	0.1967		0.111	0.1018	1.0175		general	10	Group 1
3854419		Present					0.037	0.0369		0.008	0.0355	1.0050		general	10	Group 1
3854420		Present					0.135	0.1354		0.043	0.0407	1.0484		general	10	Group 1
3854421					Present		0.114	0.1140		0.040	0.0415	1.0090	0.073	general	10	Group 1
3854422					Present		0.037	0.0366		0.007	0.0357	1.0064	0.026	general	10	Group 1
3854423					Present		0.323	0.3229		0.239	0.1330	1.0314		general	10	Group 1
3854428				Present	Present		0.236	0.2362	0.0044	0.106	0.0484	1.0562	0.120	general	10	Group 1
3854432					Present		0.235	0.2353		0.142	0.0711	1.0304		general	10	Group 1

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CERTIFICATE OF ANALYSIS WH22329600

Sample Description	Method Analyte Units LOD	INTERP-11 QaQc_Ref Unity 0	INTERP-11 XT_Kaoli Unity 0	INTERP-11 XT_Kaol2 Unity 0.001	INTERP-11 XT_Kaol2 Unity 0.001	INTERP-11 KaDiWtM Unity 0.001	INTERP-11 Slope216 Unity 0.0001	INTERP-11 Wav_Main Unity 0.001	INTERP-11 Wav_AlOH Unity 0.001	INTERP-11 Wd_AlOH Unity 0.01	INTERP-11 Wav_AlOH Unity 0.001	INTERP-11 D_AlOHAl Unity 0.001	INTERP-11 Wd_AlOHA Unity 0.01	INTERP-11 Wav_FeOH Unity 0.001	INTERP-11 Wd_FeOH Unity 0.01	INTERP-11 Wav_MgOH Unity 0.001
3854251		OK				0.947	0.9701	2207.412	2207.412	28.49	2207.412	0.145	38.43	2258.529		
3854255		OK	MXT	1.004	0.996	1.004	0.9958	2207.818	2207.818	26.90	2207.818	0.113	35.66			2314.818
3854258		OK	MXT	1.027	1.009	1.027	1.0091	2208.040	2208.040	26.48	2208.040	0.174	36.04			
3854261		OK	MXT	1.024	1.007	1.024	1.0071	2207.941	2207.941	26.83	2207.941	0.163	36.56			
3854262		OK	MXT	1.027	1.006	1.027	1.0056	2208.044	2208.044	27.31	2208.044	0.210	36.94			2315.165
3854263		OK	MXT	1.027	1.008	1.027	1.0078	2207.934	2207.934	29.29	2207.934	0.266	40.59			2315.750
3854264		OK	MXT	1.028	1.008	1.028	1.0081	2207.944	2207.944	27.35	2207.944	0.190	37.33			
3854267		OK	HXT	1.051	1.025	1.051	1.0253	2208.232	2208.232	25.56	2208.232	0.173	35.45			2318.245
3854268		OK	HXT	1.046	1.020	1.046	1.0201	2208.092	2208.092	27.50	2208.092	0.212	38.07			2317.332
3854269		OK				0.987	0.9894	2207.780	2207.780	27.46	2207.780	0.153	37.20			2316.594
3854276		OK	HXT	1.032	1.009	1.032	1.0094	2208.056	2208.056	27.08	2208.056	0.166	36.68			2316.216
3854280		OK				0.944	0.9665	2207.036	2207.036	28.39	2207.036	0.125	37.40	2260.481	22.99	2309.748
3854303		OK	PXT	0.992	0.978	0.992	0.9775	2207.505	2207.505	29.87	2207.505	0.236	40.03			2323.352
3854310		OK	MXT	1.007	0.995	1.007	0.9955	2207.905	2207.905	28.65	2207.905	0.243	39.04			
3854311		OK	MXT	1.011	1.002	1.011	1.0022	2207.897	2207.897	28.65	2207.897	0.217	39.75			
3854312		OK				0.990	0.9904	2207.801	2207.801	29.01	2207.801	0.203	39.92			
3854319		OK	MXT	1.025	1.008	1.025	1.0078	2207.896	2207.896	28.59	2207.896	0.233	39.43			2316.487
3854324		OK	MXT	1.005	0.995	1.005	0.9951	2207.770	2207.770	28.17	2207.770	0.173	38.12			
3854327		OK	MXT	1.009	0.997	1.009	0.9972	2207.888	2207.888	26.41	2207.888	0.122	34.80			
3854328		OK	HXT	1.039	1.017	1.039	1.0171	2208.169	2208.169	26.29	2208.169	0.168	36.15			
3854329		OK	MXT	1.020	1.007	1.020	1.0075	2207.966	2207.966	27.15	2207.966	0.193	37.49			
3854330		OK	MXT	1.011	0.999	1.011	0.9992	2207.926	2207.926	25.92	2207.926	0.140	34.51			
3854355		OK	MXT	1.009	1.000	1.009	0.9996	2207.947	2207.947	25.46	2207.947	0.113	33.97			
3854356		OK	MXT	1.012	1.001	1.012	1.0008	2207.943	2207.943	24.96	2207.943	0.096	32.79			
3854360		OK	HXT	1.041	1.015	1.041	1.0148	2207.942	2207.942	27.56	2207.942	0.217	37.82			
3854366		OK				0.990	0.9852	2207.703	2207.703	29.45	2207.703	0.240	39.95			2312.601
3854369		OK	HXT	1.042	1.015	1.042	1.0149	2208.060	2208.060	27.35	2208.060	0.230	37.37			2315.041
3854371		OK	MXT	1.021	1.003	1.021	1.0028	2207.937	2207.937	27.59	2207.937	0.197	37.40			
3854405		OK	HXT	1.054	1.022	1.054	1.0220	2207.983	2207.983	29.57	2207.983	0.263	41.15			2315.019
3854411		OK	MXT	1.003	0.995	1.003	0.9949	2208.097	2208.097	19.86	2208.097	0.051	25.49			2325.396
3854412		OK	MXT	1.014	1.003	1.014	1.0027	2207.910	2207.910	27.04	2207.910	0.172	36.89			
3854416		OK	MXT	1.018	1.005	1.018	1.0053	2207.944	2207.944	28.18	2207.944	0.204	38.93			
3854417		OK	HXT	1.048	1.022	1.048	1.0222	2208.180	2208.180	26.10	2208.180	0.197	35.99			
3854419		OK				1.000	0.9902	2208.046	2208.047	28.84	2208.047	0.037	42.06			
3854420		OK	MXT	1.019	0.996	1.019	0.9959	2207.988	2207.988	25.16	2207.988	0.135	31.33			2312.552
3854421		OK	MXT	1.019	1.001	1.019	1.0013	2208.061	2208.061	24.85	2208.061	0.114	32.17			
3854422		OK				0.999	0.9889	2207.882	2207.881	32.10	2207.881	0.037	44.87			
3854423		OK	HXT	1.038	1.018	1.038	1.0176	2207.860	2207.860	29.93	2207.860	0.323	42.05			2314.801
3854428		OK	HXT	1.075	1.039	1.075	1.0390	2208.163	2208.163	27.14	2208.163	0.236	38.11	2241.219		2316.512
3854432		OK				0.987	0.9866	2207.667	2207.667	29.52	2207.667	0.235	40.40			

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Sample Description	Method Analyte Units LOD	INTERP-11 D_MgOHCb Unity 0.001	INTERP-11 Wd_MgOHC Unity 0.01	INTERP-11 Wav_OH14 Unity 0.001	INTERP-11 Wd_OH140 Unity 0.01	INTERP-11 Wav_H2O Unity 0.001	INTERP-11 Int_FeOx Unity 0.0001	INTERP-11 Wav_FeOx Unity 0.001	INTERP-11 FIntFeOx Unity 0.0001	INTERP-11 WhiteMic % 0.01	INTERP-11 Water_si % 0.01
3854251				1414.331	21.54	1941.612	1.0418				
3854255		0.012	48.10	1414.460	24.76	1937.600	1.2031				
3854258				1414.554	26.58	1920.460	1.5211	921.299	1.5211		
3854261				1414.506	27.23	1918.460	1.5050	912.172	1.5050		
3854262		0.030	47.75	1414.563	28.09	1916.480	1.2634	944.634	1.2634		
3854263		0.045	46.89	1414.381	29.78	1911.751	1.3642	929.000	1.3642		
3854264				1414.499	26.68	1918.679	1.2444	908.906	1.2444		
3854267		0.065	42.69	1414.652	27.66	1929.458	1.4618	956.585	1.4618		
3854268		0.032	45.27	1414.511	28.75	1936.374	1.3052	912.354	1.3052		
3854269		0.050	47.25	1414.449	24.47	1915.202	1.0128				
3854276		0.025	44.13	1414.525	28.31	1917.211	1.3818	890.000	1.3818		
3854280		0.023	50.41	1414.065	20.97	1920.301	1.3478		1.3478		
3854303		0.041	44.73	1414.023	27.06	1910.375	1.3494		1.3494		
3854310				1414.469	27.01	1913.403	1.0758				
3854311				1414.461	28.55	1919.969	1.5102	928.911	1.5102		
3854312				1414.490	26.45	1917.588	1.4467	928.467	1.4467		
3854319		0.045	40.25	1414.394	28.43	1916.290	1.4100	938.000	1.4100		
3854324				1414.444	26.49	1918.877	1.3996	920.756	1.3996		
3854327				1414.531	25.41	1924.064	1.4847	880.065	1.4847		
3854328				1414.628	27.88	1926.581	1.4868	917.750	1.4868		
3854329				1414.513	27.75	1928.315	1.4750	929.368	1.4750		
3854330				1414.577	25.24	1926.197	1.4921	913.826	1.4921		
3854355				1414.650	24.53	1927.599	1.6233	916.241	1.6233		
3854356				1414.511	24.83	1922.480	1.3078	890.475	1.3078		
3854360				1414.442	27.77	1917.573	1.1128	898.801	1.1128		
3854366		0.044	46.23	1414.366	27.33	1916.085	1.2194		1.2194		
3854369		0.037	43.89	1414.499	28.73	1917.952	1.4110	924.221	1.4110		
3854371				1414.500	26.81	1919.634	1.3085	903.555	1.3085		
3854405		0.038	46.15	1414.464	29.71	1923.591	1.5636	944.281	1.5636		
3854411		0.005	43.87	1414.623	22.82	1937.434	1.2527		1.2527		
3854412				1414.559	25.91	1916.883	1.6097	920.857	1.6097		
3854416				1414.460	27.45	1916.190	1.4985	921.000	1.4985		
3854417				1414.621	27.14	1920.481	1.5619	929.682	1.5619		
3854419				1415.115	23.86	1929.181	1.1402			30.0	45.0
3854420		0.019	42.16	1414.608	25.97	1919.285	1.0942				
3854421				1414.605	25.56	1923.333	1.2299	906.000	1.2299		
3854422				1415.208	23.78	1928.349	1.3926	859.094	1.3926	30.0	50.0
3854423		0.065	45.05	1414.265	30.33	1918.482	1.4385	950.484	1.4385		
3854428		0.041	42.71	1414.558	28.45	1925.427	1.4066	908.856	1.4066		
3854432				1414.320	26.88	1915.961	1.1823		1.1823		

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To: RYAN BURKE

Finalized Date: 1-DEC-2022
Account: BURKEY

Project: MIL

CERTIFICATE OF ANALYSIS WH22329600

Sample Description	Method / Analyte / Units / LOD	DPTH-01 START m 0.00	DPTH-01 END m 0.00	INTERP-11 Spectrum Unity 0	INTERP-11 SampleTy Unity 0	INTERP-11 Spectrum Unity 0	INTERP-11 Reflecta Unity 0.00001	INTERP-11 SWIRNois Unity 0.001	INTERP-11 QAQC_Noi Unity 0	INTERP-11 QAQC_Qua Unity 0	INTERP-11 QAQC_Wat Unity 0	INTERP-11 Kaolinit % 0.01	INTERP-11 Gypsum % 0.01	INTERP-11 Carbonat % 0.01	INTERP-11 Gibbsite % 0.01	INTERP-11 Dickite % 0.01
3854434		40	41	Available	Reject	Available	0.50858	13.411	OK	OK	OK	100				
3854435		41	42	Available	Reject	Available	0.34975	12.503	OK	OK	OK	100				
3854440		42	43	Available	Reject	Available	0.61618	12.763	OK	OK	OK	100				
3854441		43	44	Available	Reject	Available	0.67618	11.496	OK	OK	OK	85.0			15.00	
3854443		44	45	Available	Reject	Available	0.61726	13.108	OK	OK	OK	100				
3854444		45	46	Available	Reject	Available	0.79276	12.467	OK	OK	OK	70.0				30.0
3854313		46	47	Available	Reject	Available	0.73339	12.598	OK	OK	OK	100				

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Sample Description	Method / Analyte / Units / LOD	INTERP-11 Novnir_v Unity 0	INTERP-11 FeCarb_v Unity 0	INTERP-11 Hem_vnir Unity 0	INTERP-11 Goeth_vn Unity 0	INTERP-11 RelSmect Unity 0.001	INTERP-11 D_Main Unity 0.001	INTERP-11 D_AlOH Unity 0.0001	INTERP-11 D_FeOH Unity 0.0001	INTERP-11 D_OH1400 Unity 0.001	INTERP-11 D_H2O Unity 0.0001	INTERP-11 FeSlope Unity 0.0001	INTERP-11 D_FeOxid Unity 0.001	INTERP-11 FeatureT Unity 0	INTERP-11 Integrat Unity 1	INTERP-11 Geology Unity 0
3854434					Present		0.188	0.1877	0.0119	0.108	0.1000	0.9917		general	10	Group 1
3854435					Present		0.249	0.2488	0.0088	0.137	0.0660	0.9955		general	10	Group 1
3854440					Present		0.261	0.2608		0.178	0.0930	1.0271		general	10	Group 1
3854441				Present	Present		0.224	0.2241		0.111	0.0784	1.0495		general	10	Group 1
3854443					Present		0.261	0.2614		0.185	0.0999	0.9842		general	10	Group 1
3854444				Present	Present		0.240	0.2401		0.161	0.0882	1.0051		general	10	Group 1
3854313				Present	Present	0.389	0.294	0.2938		0.216	0.1143	1.0334		general	10	Group 1

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Sample Description	Method Analyte Units LOD	INTERP-11 QaQc_Ref Unity 0	INTERP-11 XT_Kaoli Unity 0	INTERP-11 XT_Kaol2 Unity 0.001	INTERP-11 XT_Kaol2 Unity 0.001	INTERP-11 KaDiWtM Unity 0.001	INTERP-11 Slope216 Unity 0.0001	INTERP-11 Wav_Main Unity 0.001	INTERP-11 Wav_AlOH Unity 0.001	INTERP-11 Wd_AlOH Unity 0.01	INTERP-11 Wav_AlOH Unity 0.001	INTERP-11 D_AlOHAl Unity 0.001	INTERP-11 Wd_AlOHA Unity 0.01	INTERP-11 Wav_FeOH Unity 0.001	INTERP-11 Wd_FeOH Unity 0.01	INTERP-11 Wav_MgOH Unity 0.001
3854434		OK	HXT	1.038	1.018	1.038	1.0178	2208.032	2208.032	26.71	2208.032	0.188	37.00	2239.652		
3854435		OK	HXT	1.051	1.027	1.051	1.0270	2207.918	2207.918	29.24	2207.918	0.249	41.29	2240.156		2316.154
3854440		OK	MXT	1.028	1.011	1.028	1.0111	2207.881	2207.881	29.35	2207.881	0.261	40.92			2315.328
3854441		OK	HXT	1.041	1.013	1.041	1.0128	2207.958	2207.958	27.59	2207.958	0.224	37.59			2315.573
3854443		OK	HXT	1.039	1.017	1.039	1.0174	2207.892	2207.892	28.73	2207.892	0.261	40.09			2315.579
3854444		OK				0.986	0.9869	2207.584	2207.584	29.61	2207.584	0.240	40.61			
3854313		OK	HXT	1.043	1.017	1.043	1.0169	2207.968	2207.968	29.42	2207.968	0.294	40.96			2314.485

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Sample Description	Method / Analyte / Units / LOD	INTERP-11 D_MgOHCb Unity 0.001	INTERP-11 Wd_MgOHC Unity 0.01	INTERP-11 Wav_OH14 Unity 0.001	INTERP-11 Wd_OH140 Unity 0.01	INTERP-11 Wav_H2O Unity 0.001	INTERP-11 Int_FeOx Unity 0.0001	INTERP-11 Wav_FeOx Unity 0.001	INTERP-11 FIntFeOx Unity 0.0001	INTERP-11 WhiteMic % 0.01	INTERP-11 Water_si % 0.01
3854434				1414.544	27.57	1933.564	1.5678	922.957	1.5678		
3854435		0.048	44.17	1414.337	29.23	1916.678	1.3163	915.348	1.3163		
3854440		0.047	44.85	1414.373	29.01	1915.497	1.4530	914.026	1.4530		
3854441		0.039	44.22	1414.438	28.01	1915.636	1.1988	862.929	1.1988		
3854443		0.048	43.62	1414.319	29.36	1922.609	1.5668	921.040	1.5668		
3854444				1414.200	27.07	1919.941	1.3665	921.669	1.3665		
3854313		0.063	41.76	1414.383	30.57	1913.641	1.1931		1.1931		

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CERTIFICATE OF ANALYSIS WH22329600

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Percentages (%) of mineral results reported by aiSIRISTM represent the spectral contribution (SC) of the minerals with diagnostic features in the VNIR-SWIR wavelength region. Values are not normative or modal mineralogy percentages.

Applies to Method: INTERP-11

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method: FND-03 SPL-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: DPTH-01 TRSPEC-20

Processed by the aiSIRIS software at AusSpec International, Australia

Applies to Method: INTERP-11