Focussed Regional YMEP REPORT

describing

GEOLOGICAL MAPPING & PROSPECTING AND SOIL GEOCHEMICAL SAMPLING

performed between July 15th and 19th, 2023

on the

LIV PROPERTY

LIV 1-18	YE97057 - YE97072
LIV 19-20	YF83026 - YF83027

Mapsheet NTS 105 E/07 & E/08

528223 mE, 6794304 mN UTM Zone 8N; NAD 1983

located in the

Whitehorse Mining District
Yukon Territory

prepared by

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

for the

Yukon Government

September 2023

Table of Contents

List of Figures

Fig. # **Figure Name** **Page #**

APPENDICES

INTRODUCTION

The LIV property is located in south-central Yukon, Canada (Figure 1; modified from Colpron et al., 2011) and covers occurrences of copper and gold mineralization in a predominantly till-covered, low-lying area. Mineralization occurs as pyrite, chalcopyrite and trace bornite in medium-grained, cm-scale stockwork dykes intruding augite-phyric basalt.

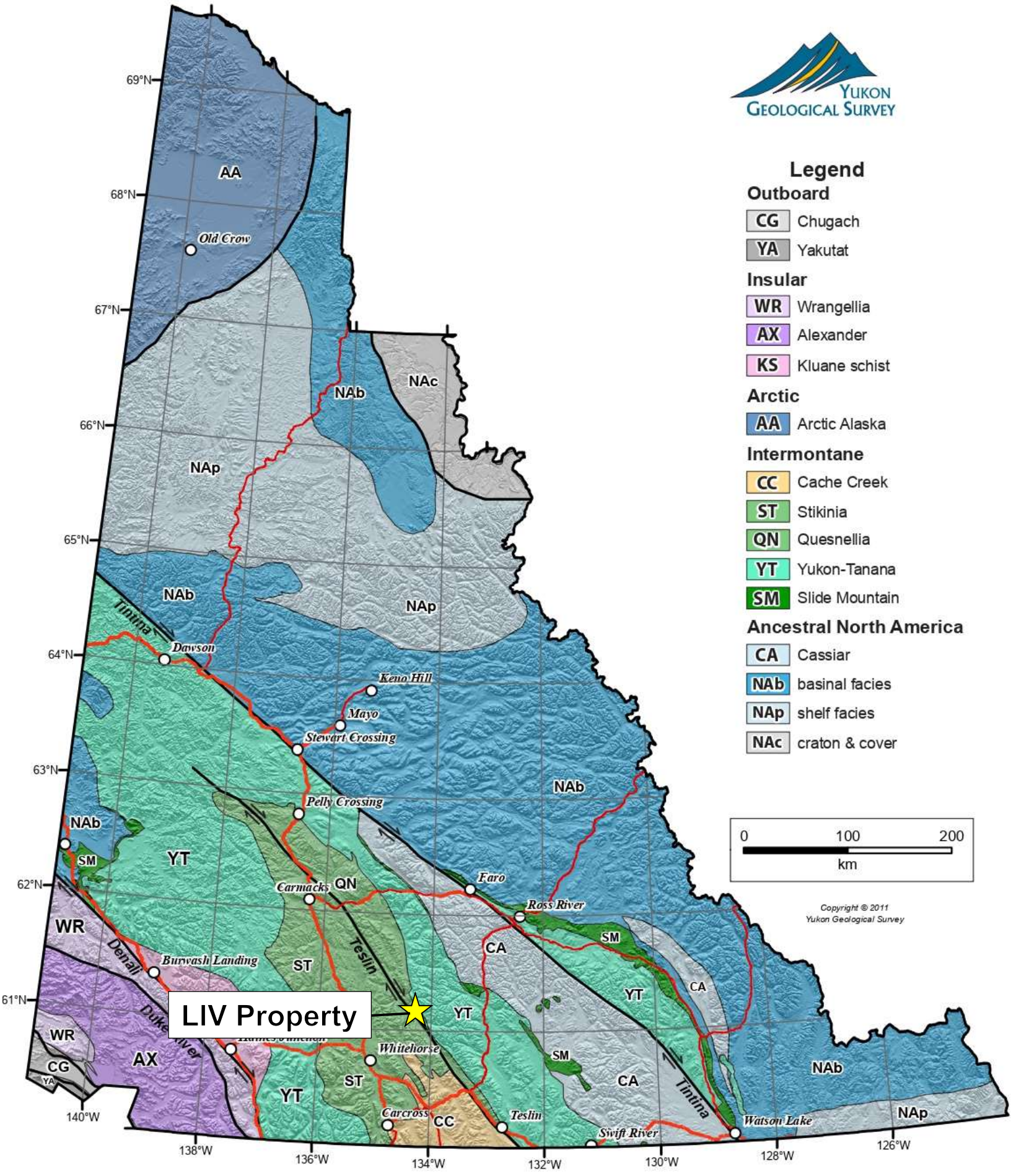
This comprehensive report describes the results of a grassroots exploration program conducted by Ryan Burke and Marten Sealy between July 15th and 19th, 2023.

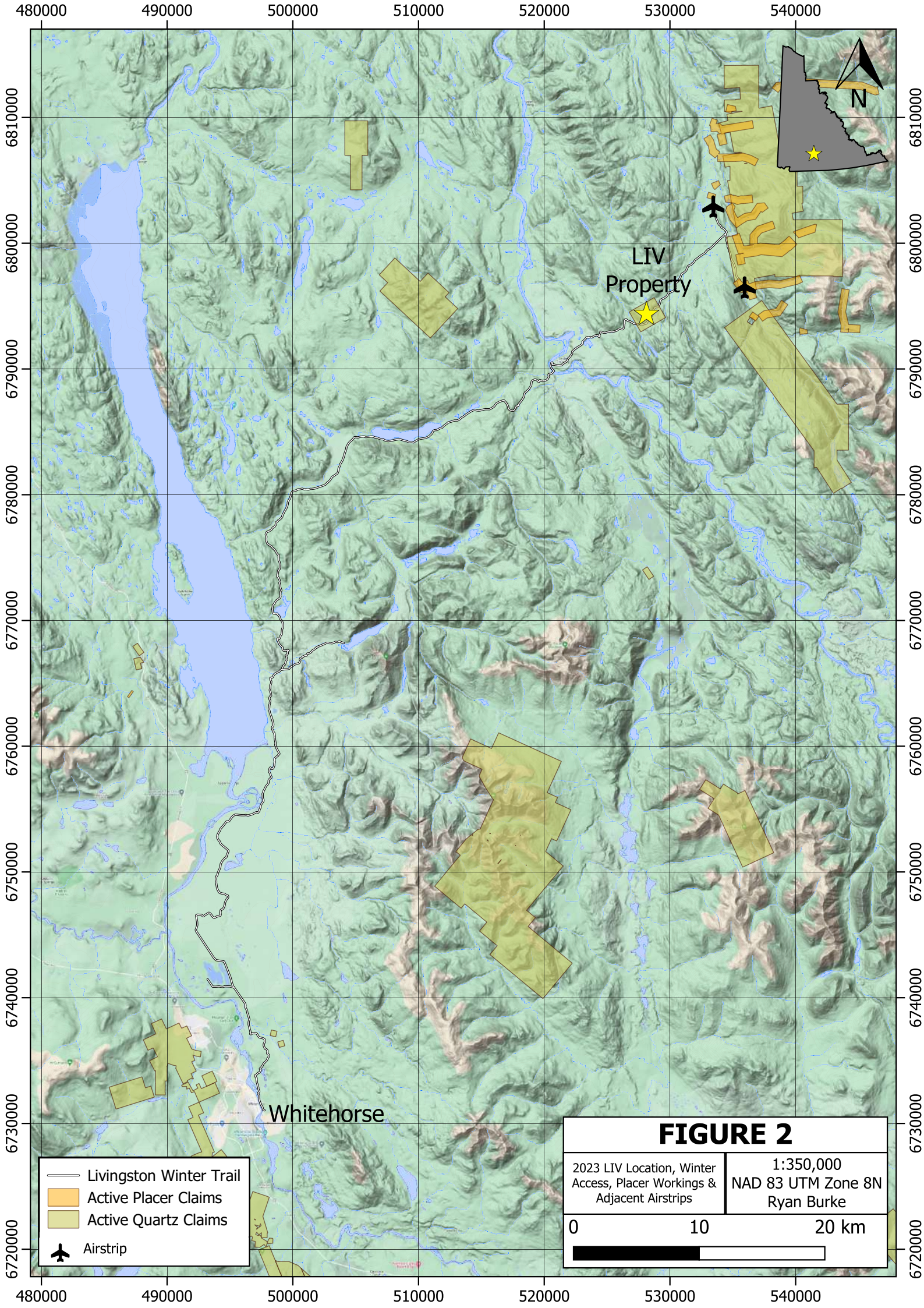
The author supervised the program and interpreted all data in this report. A Statement of Qualifications appears in Appendix I. A Statement of Expenditures appears in Appendix II.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The LIV property consists of 20 contiguous mineral claims covering approximately 4.2 km^2 approximately 70-km north-northeast of the Yukon's capital city of Whitehorse, centred at approximately 528223 mE, 6794304 mN UTM Zone 8N on mapsheet NTS 105 E/07 & E/08. The property is located within the Traditional Territories of both the Kwanlin Dün and Ta'an Kwäch'än Council Traditional Territories. The claims are registered in the Whitehorse Mining Recorder in the name of Ryan Burke. A detailed claim map can be found in Appendix III.

Access to and from the property is from Whitehorse via helicopter. The property is also accessible via the Livingston winter trail, a trail that extends from the south end of Lake Laberge to the Livingston placer district and crosses the Teslin River. The winter trail is usable in the winter months and can be used to mobilize heavy equipment to and from the area in the spring for summer work. There are small-scale placer mining operations approximately 8 km northeast of the property and usable airstrips that are road-connected to the property. Figure 2 illustrates winter access to the property from Whitehorse, location of placer operations and nearby airstrips.


YUKON GEOLOGICAL SURVEY
Legend
Outboard
CG Chugach
YA Yakutat
Insular
WR Wrangellia
AX Alexander
KS Kluane schist
Arctic
AA Arctic Alaska
Intermontane
CC Cache Creek
ST Stikinia
QN Quesnellia
YT Yukon-Tanana
SM Slide Mountain
Ancestral North America
CA Cassiar
NAb basinal facies
NAp shelf facies
NAc craton & cover
0 100 200
km
Copyright © 2011
Yukon Geological Survey
LIV Property
Old Crow
Dawson
Keno Hill
Mayo
Stewart Crossing
Pelly Crossing
Carmacks
Faro
Ross River
Burwash Landing
Whitehorse
Carcross
Teslin
Swift River
Watson Lake
Tintina
Denali
Duke River
Teslin
69°N
68°N
67°N
66°N
65°N
64°N
63°N
62°N
61°N
140°W
138°W
136°W
134°W
132°W
130°W
128°W
126°W


480000
490000
500000
510000
520000
530000
540000
6810000
6800000
6790000
6780000
6770000
6760000
6750000
6740000
6730000
6720000
N
LIV
Property
Whitehorse
Livingston Winter Trail
Active Placer Claims
Active Quartz Claims
Airstrip
FIGURE 2
2023 LIV Location, Winter Access, Placer Workings & Adjacent Airstrips
1:350,000
NAD 83 UTM Zone 8N
Ryan Burke
0
10
20 km

GEOMORPHOLOGY

The climate in the area is variable with hot summers; truncated, mild and short fall and spring seasons and long, cold, dark winters. The area is typically snow-free from late May to mid October. The area consists of low rolling hills with localized swampy areas. Topography is generally subdued and ranges between 920-1060 m. Local creeks have a continuous supply of water during the spring and summer months. Mixed vegetation consisting of mature spruce forest and patchy thick willows occur throughout the project area. Thin till covers a majority of the project area. Ice flow direction was prominently northwestward.

HISTORY & PREVIOUS WORK

The area was first staked as the Snow in February 1963 by C. McLennan and restaked as Napua in April 1971 by L. Engle. Both were placer miners who reported the presence of a pyritic gossan in an area of limestone, argillite and andesitic volcanics near the road cut heading to Livingston, a historical area of placer production.

Subsequently restaked by Mark Lindsay in 2002, who collected 16 rock samples and 3 soil samples between July 2nd to 9th, 2002. Results of this work returned peak values in rock samples of:

- 0.82% Cu and 0.15 g/t Au
- 0.48% Cu and 0.17 g/t Au
- 0.44% Cu and 0.33 g/t Au

The above samples were collected from two areas approximately 1,300 metres apart. Although rock descriptions were not given, mineralization is described as disseminations in hornblendite and gabbroic mafic rocks. Malachite staining can be traced in a northeast direction over a distance of approximately 300m (Lindsay, 2002).

Bernie Kreft followed this up in 2013 with a prospecting traverse designed to locate and assess the reported 2002 showings. This work encountered,

> *"several scattered outcrops of hornfelsed sedimentary rock and hornblendite within a low lying predominantly overburden and vegetation covered area. Samples of pyritic hornfels with traces of disseminated chalcopyrite returned up to 708 ppm copper with weakly anomalous molybdenum, while samples of hornblendite with disseminated chalcopyrite and cut by a narrow calcite vein, returned up to 5050 ppm copper along with weakly anomalous zinc and silver." (Kreft, 2014)*

Recommendations of both the 2002 and 2013 programs were to follow-up on historical showings with a detailed gridded geochemical sampling (till/soil) survey overtop the area in order to identify whether or not additional mineralization may exist within the area.

EXPLORATION TARGET & POTENTIAL

The LIV property is ~18 km east of the Mars property, held by Strategic Metals Ltd. The Mars property is host to an Early to Mid Jurassic intrusion with copper-gold-molybdenum porphyry and

epithermal vein mineralization. Drilling on the southern part of the property returned two intervals with porphyry style mineralization and alteration from hole MARS-11-02. One interval averaged 0.27 g/t gold, 0.16% copper, and 0.028% molybdenum over 23.07 m; and, the other interval graded 0.17 g/t gold, 0.25% copper, 2.03 g/t silver and 0.028% molybdenum over 14.75 m.

In addition, the LIV property is located ~50 km NW of the Red Mountain Mo porphyry deposit, which is hosted within a Late Cretaceous quartz-monzonite porphyry stock intruding Paleozoic argillite of the Yukon Tanana Terrane. At Red Mountain, molybdenite occurs in a quartz stockwork cutting an oval-shaped 1450 x 650 m quartz-monzonite porphyry stock of Late Cretaceous age. Inferred mineral resources consist of 187 million tonnes grading 0.167% Mo.

However, proximity of the LIV property to the Teslin Fault and the Triassic-aged Semenof volcanics may have a larger influence on observed mineralization. If so, the exploration target would be an alkalic or calc-alkalic porphyry beneath till cover, with similarities to that of the Triassic aged Cu-Au porphyry deposits within BC, such as Mt. Milligan and Mt. Polley.

Lastly, the project may have similarities to the Catch property located 80 km to the northwest, which is hosted in a similar geological setting to the LIV property near the mapped extent of the Teslin fault.

REGIONAL GEOLOGY & STRUCTURE

The LIV property is currently interpreted to lie within the Quesnel terrane, which is part of the larger Intermontane terrane of the Canadian Cordillera. The Intermontane lies between the Omineca and Coast belts and includes the Quesnel and Stikine island-arc terranes and the Cache Creek ocean-floor terrane. These terranes were accreted to North America in Jurassic time (between ~186-170 Ma). The Quesnel and Stikine island-arc terranes contain both pre-accretionary and post-accretionary porphyry copper deposits of both calc-alkaline porphyry Cu±Mo±Au and alkaline porphyry Cu-Au subtypes.

It is estimated that 28 total (11 Porphyry Cu and 17 Porphyry Cu-Au) undiscovered porphyry deposits per 100,000 km^2 are located within the Quesnel and Stikine terranes. Therefore, these terranes possess the highest undiscovered deposit density within the Canadian Cordillera. Prospective geological zones are subduction-related magmatic arcs of Middle Triassic to Late Jurassic age that gave rise to the Quesnel and Stikine oceanic island-arc terranes before they were accreted to North America (Mihalasky et al., 2010).

Calc-alkaline porphyry copper deposits and prospects that are preaccretionary with respect to Quesnellia and Stikinia range in age from Late Triassic to Middle Jurassic (222 to 168 Ma) (Mihalasky et al., 2010). Alkaline porphyry Cu-Au deposits and prospects that are preaccretionary with respect to Quesnellia and Stikinia range in age from Late Triassic to Early Jurassic (212 to 183 Ma). Map units that include rocks of this age-span also may include older or younger rocks, in this case rocks as old as earliest Middle Triassic (245 Ma) or as young as latest Late Jurassic (146 Ma). Although porphyry copper deposits commonly are associated with epizonal porphyritic

intrusions, some are associated with predominantly phaneritic plutons, and some are associated with predominantly aphanitic subvolcanic intrusions and breccias. We therefore classify alkaline igneous rocks as permissive for alkaline porphyry Cu-Au deposits, whether they are plutonic, subvolcanic, volcanic, or volcaniclastic (Mihalasky et al., 2010).

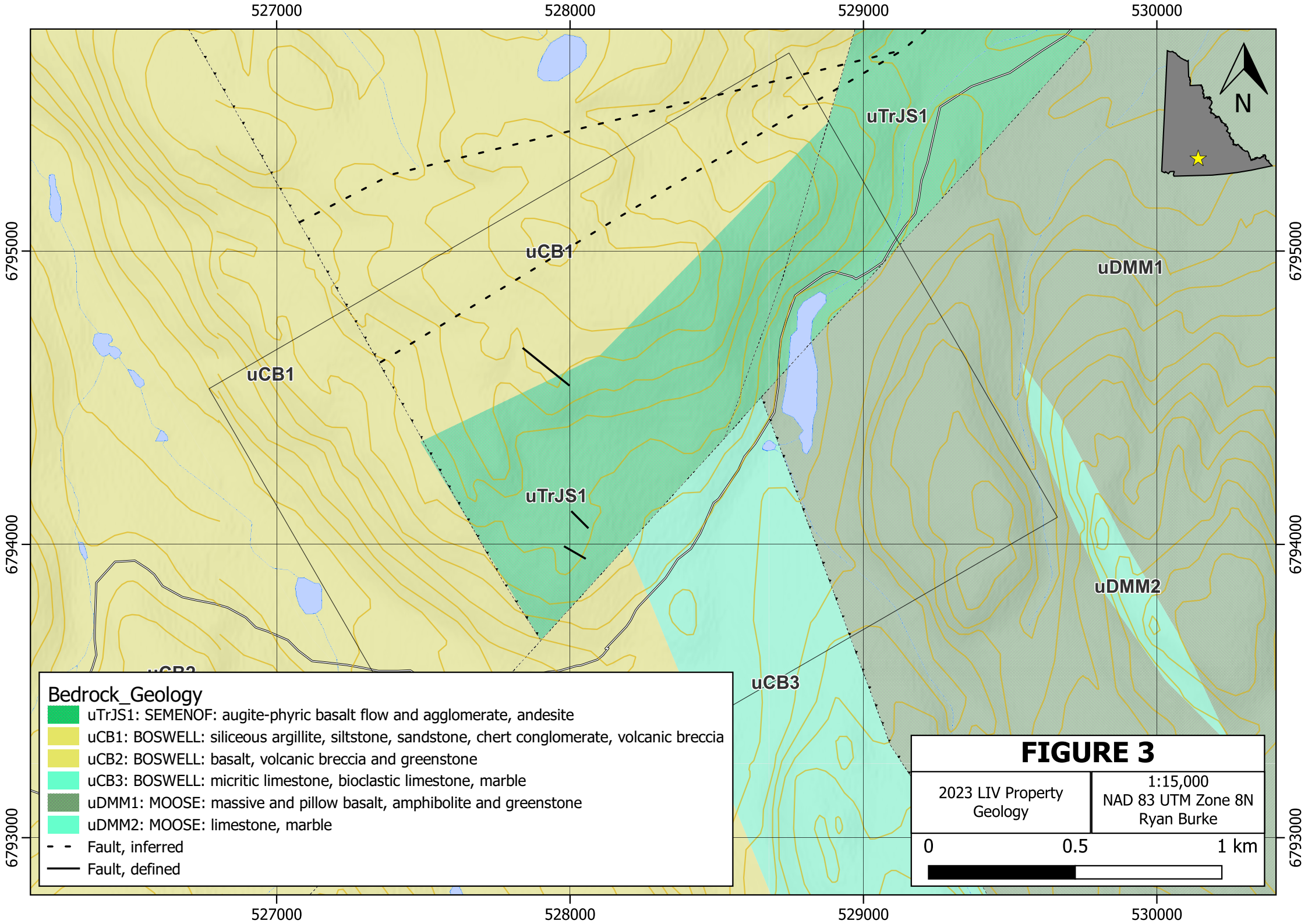
Mihalynuk and others (1994, p. 575) proposed that early Mesozoic Quesnellia and Stikinia "were joined through their northern ends as two adjacent arc festoons that faced south toward the Cache Creek Ocean." Oceanic plateau remnants from the Tethyan realm collided with these island arcs during subduction of Cache Creek oceanic lithosphere, which may have underlain a part of the Panthalassic Ocean (the expansive global ocean that surrounded Pangaea from Late Precambrian to Jurassic time). Counterclockwise oroclinal rotation of the Stikine terrane in the Late Triassic to Early Jurassic caused enclosure of the Cache Creek terrane. Rotation continued until these terranes collided with Quesnellia in the Middle Jurassic (Mihalynuk et al., 1994).

This oroclinal hypothesis explains why volcanic and intrusive rocks of the Quesnel and Stikine terranes are so similar that volcanic successions in both arcs are assigned to the Takla Group. In Yukon, similar porphyries occur in both terranes, and the line of Triassic-Jurassic intrusions clearly bends in an acute angle around the hinge of the orocline. Furthermore, the Quesnel and Stikine island-arc terranes contain both calc-alkaline porphyry Cu±Mo±Au deposits, as well as alkaline porphyry Cu-Au deposits (Mihalasky et al., 2010).

PROPERTY GEOLOGY

There is a lack of outcrop on the project. However, the area was mapped by the Yukon Geological Survey at 1:50,000 scale by Simard in 2003 and was re-mapped by Colpron in 2017. The geology surrounding the LIV area is described to consist of Pennslyvanian Boswell and Upper Triassic Semenof formations. The Boswell Formation is described as an assemblage of siliceous argillite, siltstone, sandstone, chert conglomerate and volcanic breccia with minor limestone. The Triassic Semenof formation is an arc-related package of volcanic, volcaniclastic and comagmatic intrusive rocks. The deep-seated, crustal scale, dextral strike-slip Teslin fault is located approximately 3 km southwest of the property boundary. This northwest-oriented major fault exhibits a strong control on the orientation of geological units and faults observed on the property.

Geology on the property consists of an approximately 040-trending unit of Triassic augite phyric basalt of the Semenof formation that intrudes 330-trending Pennslyvanian locally brecciated and pervasively oxidized argillite and siltstone of the Boswell Formation. This unit parallels the orientation of the Teslin fault, located 3 km to the west of the property boundary. Sporadic 040-trending fine-grained siliceous dykes are also spatially associated with the basalt. Their age is currently undetermined. A medium grained, cm-scale dyke stockwork containing pyrite and chalcopyrite intruding augite-phyric basalt was encountered in the southwest corner of the claim block. This suggests an intrusion may lie beneath the surface, contributing hydrothermal fluids and mineralization into the overlying basalts. This is the likely mechanism responsible for the copper and gold mineralization observed to date on the property. Property geology is illustrated in Figure 3.


527000
528000
529000
530000
6795000
6794000
6793000
N
uTrJS1
uCB1
uDMM1
uCB1
uTrJS1
uDMM2
uCB3
Bedrock_Geology
uTrJS1: SEMENOF: augite-phyric basalt flow and agglomerate, andesite
uCB1: BOSWELL: siliceous argillite, siltstone, sandstone, chert conglomerate, volcanic breccia
uCB2: BOSWELL: basalt, volcanic breccia and greenstone
uCB3: BOSWELL: micritic limestone, bioclastic limestone, marble
uDMM1: MOOSE: massive and pillow basalt, amphibolite and greenstone
uDMM2: MOOSE: limestone, marble
Fault, inferred
Fault, defined
FIGURE 3
2023 LIV Property Geology
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km

GEOCHEMISTRY, ALTERATION AND MINERALIZATION

Work in 2023 consisted of the collection of 140 soil/till samples and 17 rock samples over a period of 5 days by two field personnel. Soil and rock sample location maps are illustrated in Figures 4 and 5, respectively. The sampling area is covered in a 1 to 2-m thick blanket of till, with rare occurrences of outcrop encountered occasionally when a break in slope is observed. Larger instances of outcrop are visible in the NW portion of the property adjacent to large NW-trending fault scarps. There are also sporadic glacially scoured outcrops directly beneath thin veneers of caribou moss, sometimes found adjacent to tall stands of spruce. Rock samples were collected whenever outcrop was encountered in the project area. Till cover obscures the interpretation of geochemical data, however, encouraging results were still obtained from the survey.

Thematically mapped till results for copper, gold and molybdenum can be found in Figures 6 through 8, respectively. Peak values in soil are 83.3 ppm Mo, 681.4 ppm Cu, 129.8 ppm Ni, 22 ppm Pb, 393 ppm Zn, 1.5 ppm Ag and 103.3 ppb Au.

Soil geochemistry results loosely define a weak to moderately anomalous area of copper, lead, zinc, manganese, gold and cadmium in a northeast trend approximately 1500m by 400m. The southern end of this anomaly coincides with anomalous rock samples collected in 2023.

Thematically mapped rock results for copper, gold and molybdenum can be found in Figures 9 through 11, respectively. Peak values in rock are 97.8 ppm Mo, >10,000 ppm Cu, 558.4 ppm Ni, 63.2 ppm Pb, 334 ppm Zn, 8.4 ppm Ag and 154.3 ppb Au.

Three distinct occurrences of mineralization in outcrop were found on the property during prospecting. Showing A and B were discovered by Lindsay in 2002 and verified by the author. Showing C was located between the two historical showings on the property and represents a new showing on the property.

Showing A consists of minor subhedral pyrite and chalcopyrite along the margin and within medium grained white quartz-feldspar dykelets that have been injected into augite-phyric basalt. Minor malachite staining is also observed within fractures. Samples collected from this area and returned:

- 0.37% Cu, 1.8 g/t Ag & 0.14 g/t Au
- 0.69% Cu, 5 g/t Ag & 0.15 g/t Au

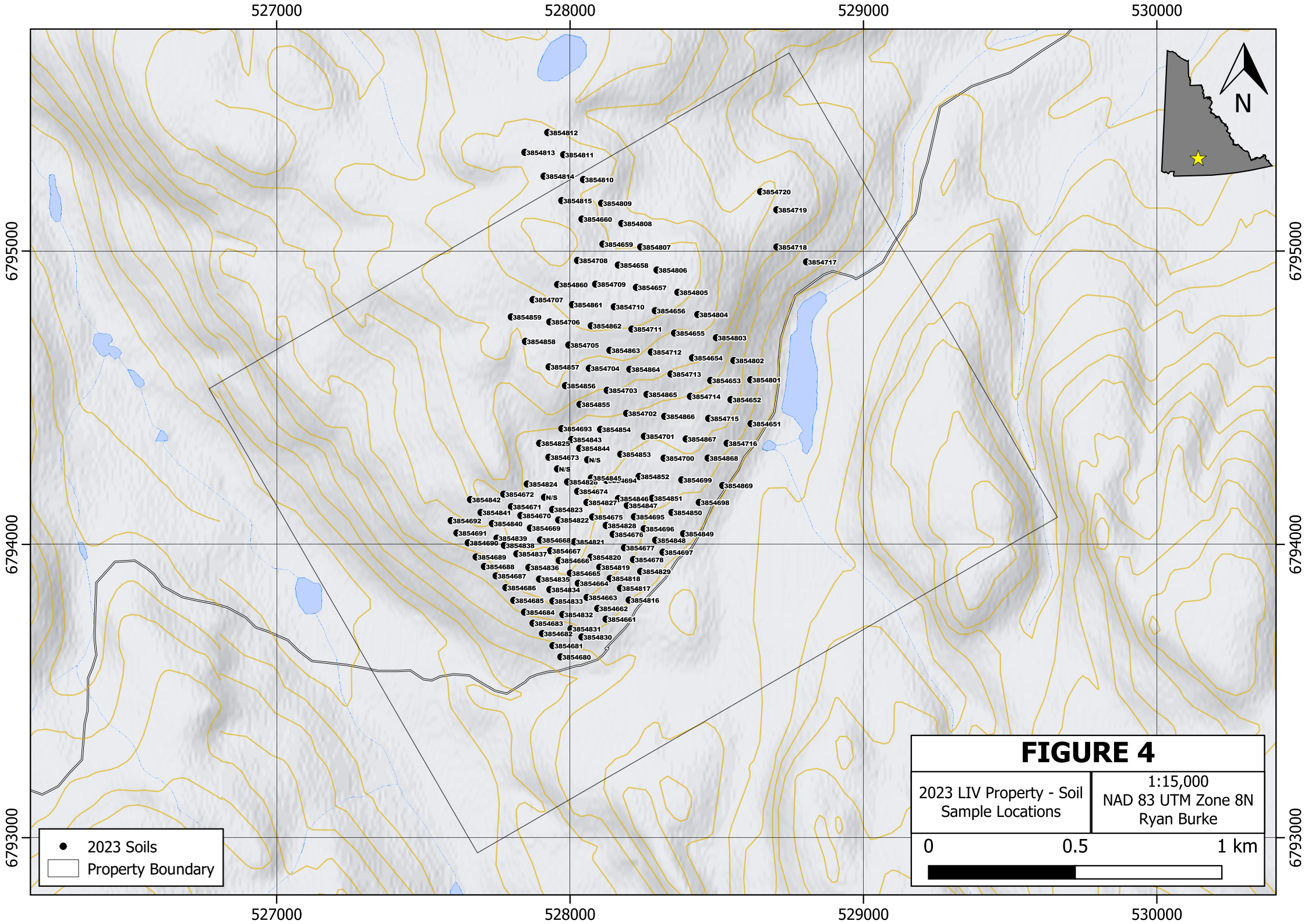
Showing B consists of blebby pyrite, chalcopyrite and trace bornite within medium-to-coarse grained augite phyric basalt in a glacially scoured outcrop in the south-central portion of the property. One sample had trace quartz veining associated with observable bornite mineralization. Samples collected from this showing returned:

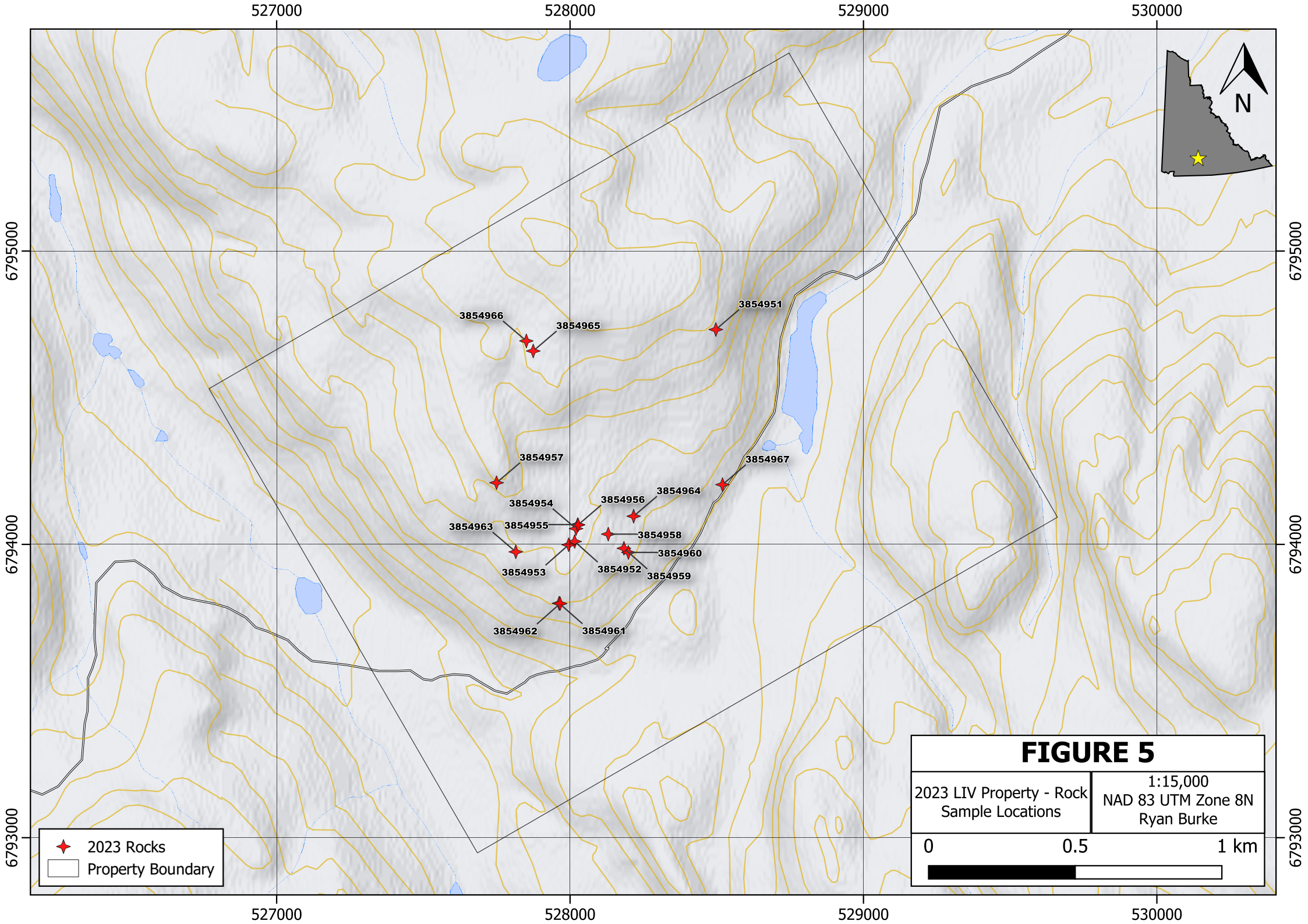
- 0.39% Cu, 1.7 g/t Ag, 7.9 ppb Au
- 0.47% Cu, 3.5 g/t Ag, 18.8 ppb Au
- >1% Cu, 8.4 g/t Ag, 57.7 ppb Au

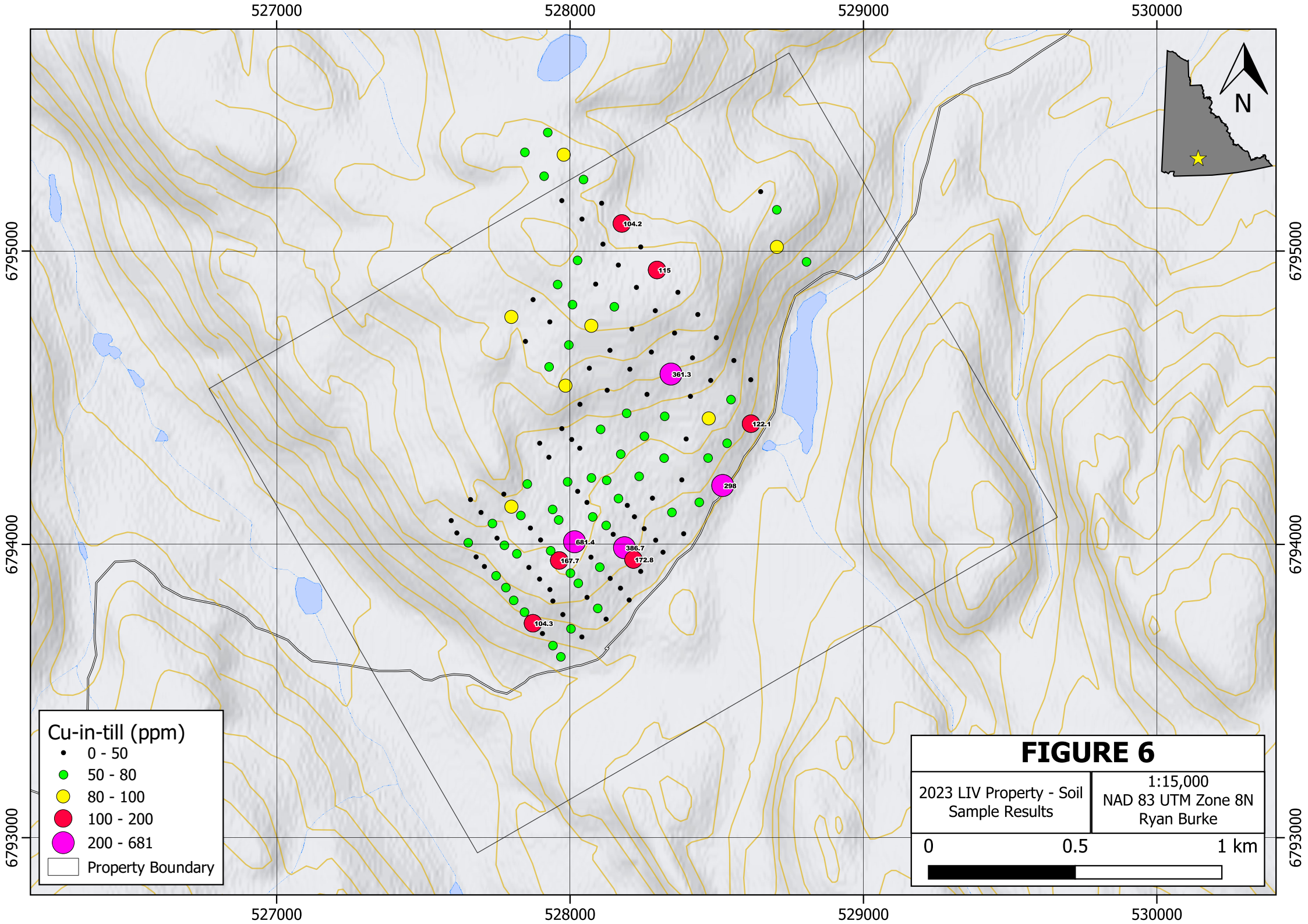
Showing C consists of strongly oxidized, limonite and manganese-stained augite phyric basalt with minor malachite staining. Samples collected from this showing returned values of:

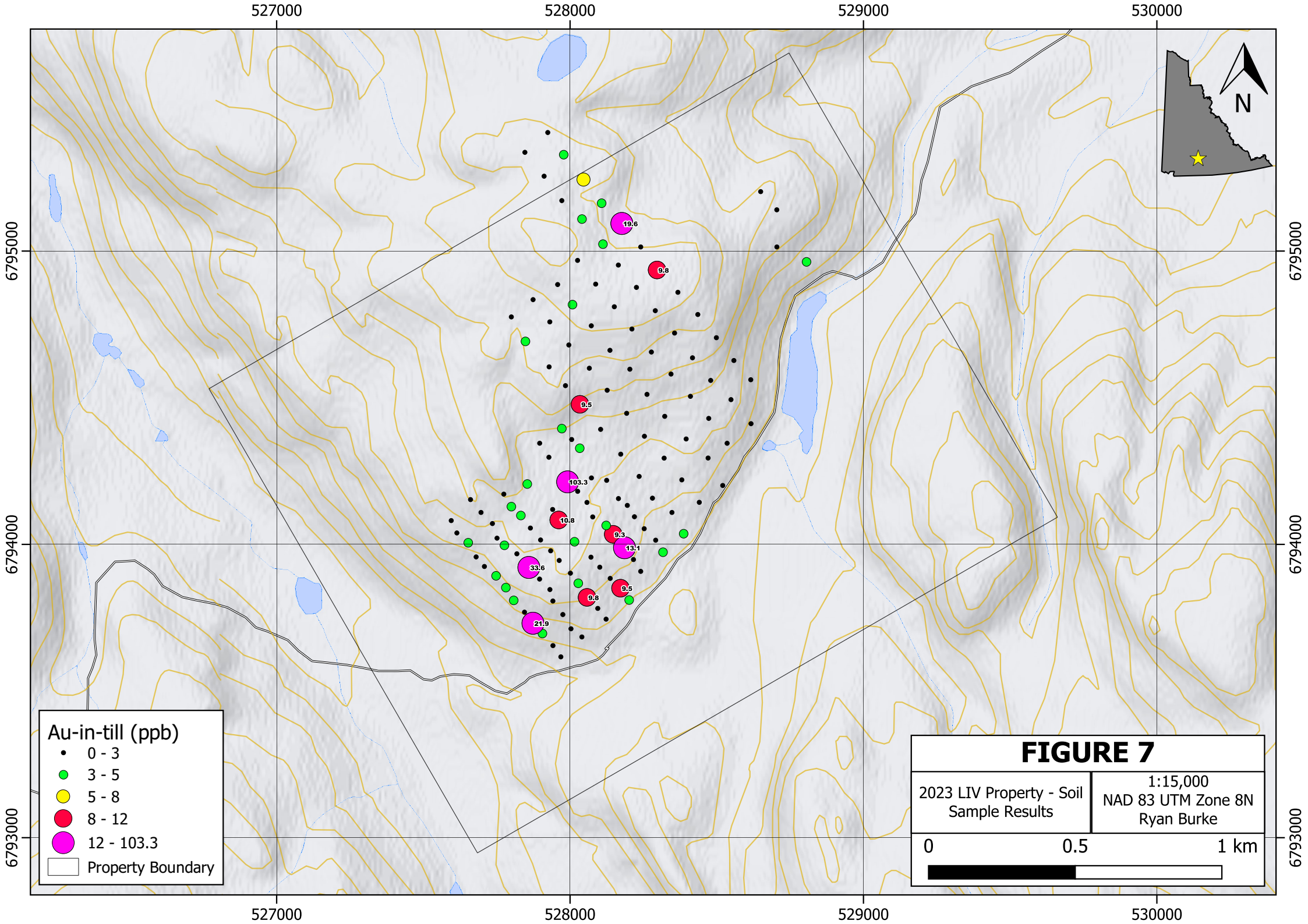
- 0.27% Cu, 1 g/t Ag, 6.7 ppb Au
- 0.42% Cu, 6.6 g/t Ag, 18.5 ppb Au

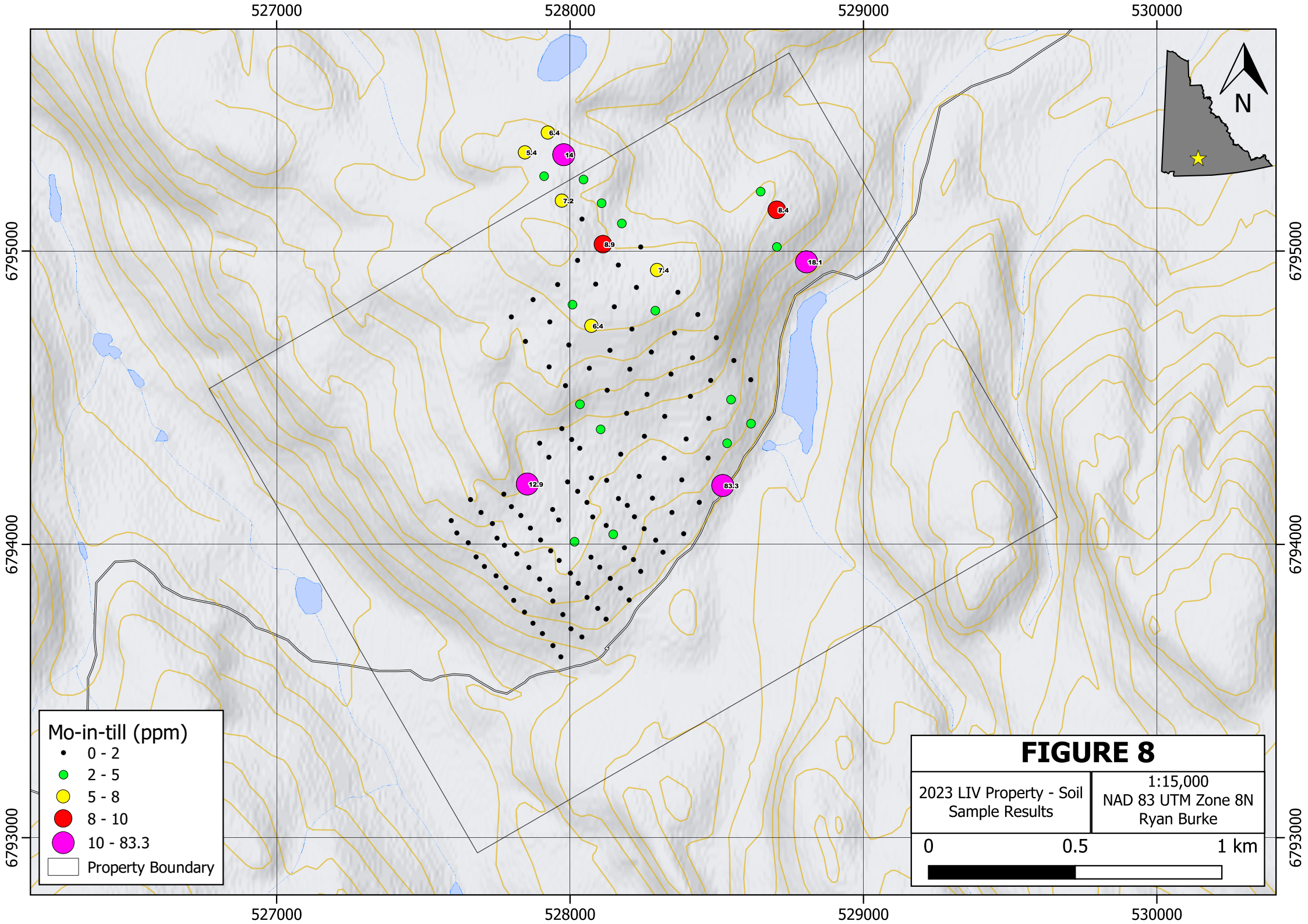
These three showings loosely define a 300 by 200-m northeast trending area of elevated copper, silver, and gold mineralization.

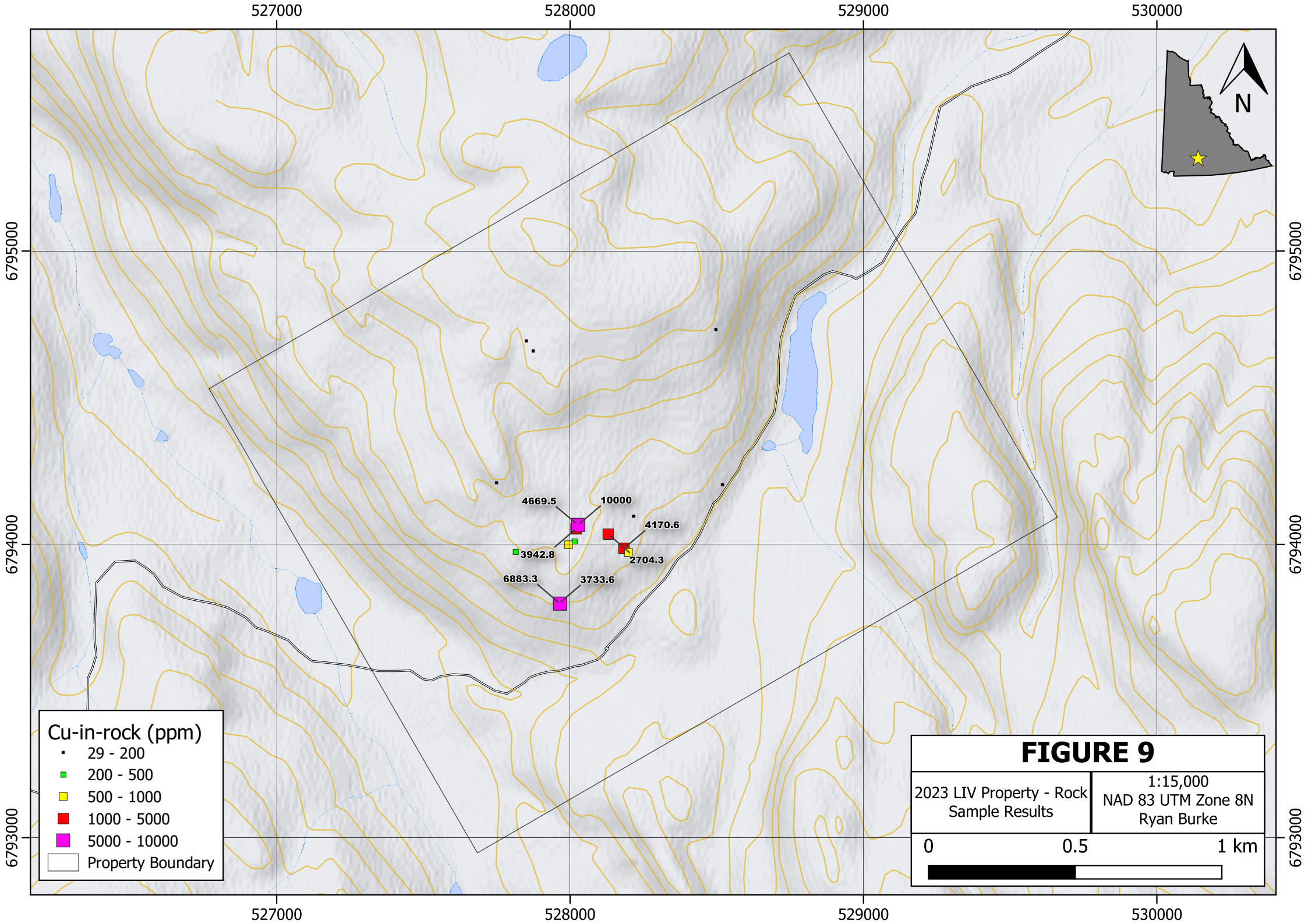

527000
528000
529000
530000
6795000
6794000
6793000
N
3854812
3854813
3854811
3854814
3854810
3854815
3854809
3854660
3854808
3854659
3854807
3854708
3854658
3854806
3854860
3854709
3854657
3854805
3854707
3854861
3854710
3854656
3854804
3854859
3854706
3854862
3854711
3854655
3854803
3854858
3854705
3854863
3854712
3854654
3854802
3854857
3854704
3854864
3854713
3854653
3854801
3854856
3854703
3854865
3854714
3854652
3854855
3854702
3854866
3854715
3854651
3854693
3854854
3854701
3854867
3854716
3854825
3854843
3854844
3854673
N/S
3854853
3854700
3854868
N/S
3854824
3854694
3854852
3854699
3854869
3854674
3854672
N/S
3854842
3854827
3854846
3854851
3854698
3854671
3854847
3854841
3854823
3854670
3854675
3854695
3854850
3854692
3854840
3854822
3854828
3854669
3854696
3854691
3854676
3854849
3854839
3854668
3854821
3854848
3854690
3854838
3854677
3854667
3854697
3854837
3854689
3854820
3854666
3854678
3854688
3854836
3854819
3854665
3854829
3854687
3854835
3854664
3854818
3854686
3854834
3854817
3854685
3854833
3854663
3854816
3854662
3854684
3854832
3854661
3854683
3854831
3854682
3854830
3854681
3854680
3854720
3854719
3854718
3854717
2023 Soils
Property Boundary
FIGURE 4
2023 LIV Property - Soil Sample Locations
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km

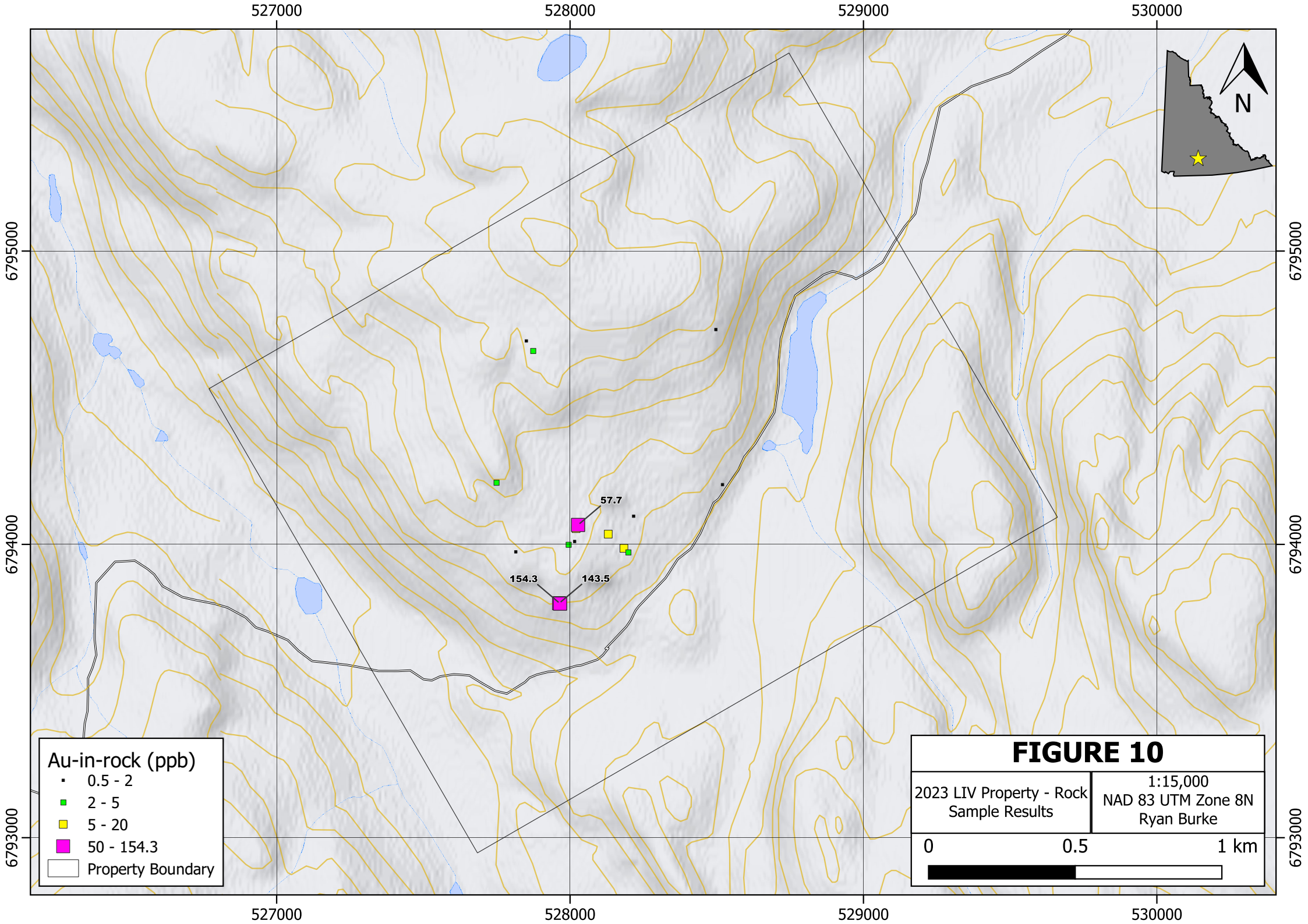

527000
528000
529000
530000
6795000
6794000
6793000
N
3854966
3854965
3854951
3854957
3854967
3854964
3854956
3854954
3854963
3854955
3854958
3854960
3854953
3854952
3854959
3854962
3854961
2023 Rocks
Property Boundary
FIGURE 5
2023 LIV Property - Rock Sample Locations
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km

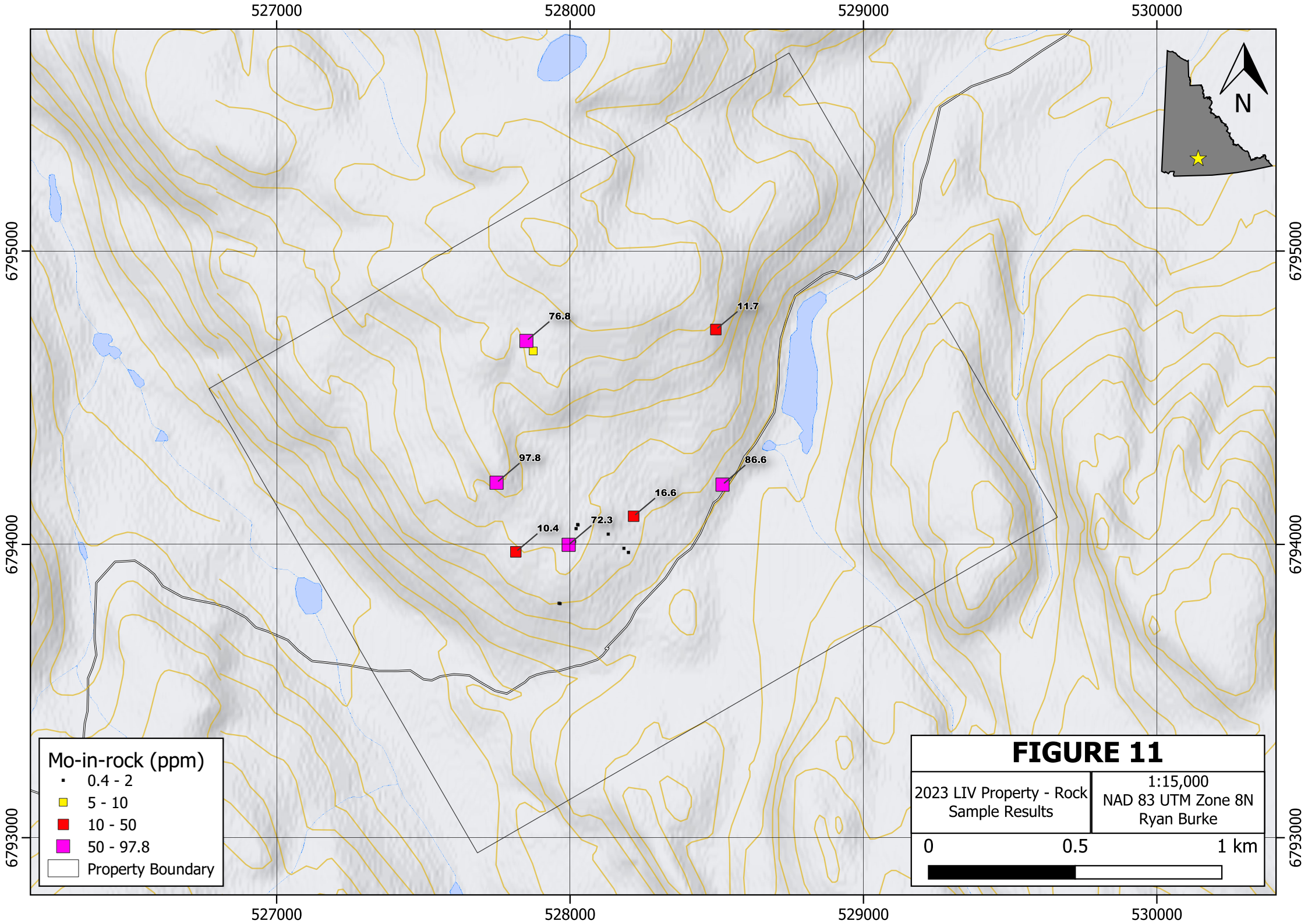

527000
528000
529000
530000
6795000
6794000
6793000
N
104.2
115
361.3
122.1
298
681.4
386.7
167.7
172.8
104.3
Cu-in-till (ppm)
0 - 50
50 - 80
80 - 100
100 - 200
200 - 681
Property Boundary
FIGURE 6
2023 LIV Property - Soil Sample Results
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km


527000
528000
529000
530000
6795000
6794000
6793000
N
19.6
9.8
9.5
103.3
10.8
9.3
13.1
33.6
9.5
9.8
21.9
Au-in-till (ppb)
0 - 3
3 - 5
5 - 8
8 - 12
12 - 103.3
Property Boundary
FIGURE 7
2023 LIV Property - Soil Sample Results
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km


527000
528000
529000
530000
6795000
6794000
6793000
N
6.4
5.4
14
7.2
8.4
8.9
18.1
7.4
6.4
12.9
83.3
Mo-in-till (ppm)
0 - 2
2 - 5
5 - 8
8 - 10
10 - 83.3
Property Boundary
FIGURE 8
2023 LIV Property - Soil Sample Results
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km


527000
528000
529000
530000
6795000
6794000
6793000
N
4669.5
10000
4170.6
3942.8
2704.3
6883.3
3733.6
Cu-in-rock (ppm)
29 - 200
200 - 500
500 - 1000
1000 - 5000
5000 - 10000
Property Boundary
FIGURE 9
2023 LIV Property - Rock Sample Results
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km


527000
528000
529000
530000
6795000
6794000
6793000
N
57.7
154.3
143.5
Au-in-rock (ppb)
0.5 - 2
2 - 5
5 - 20
50 - 154.3
Property Boundary
FIGURE 10
2023 LIV Property - Rock Sample Results
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km

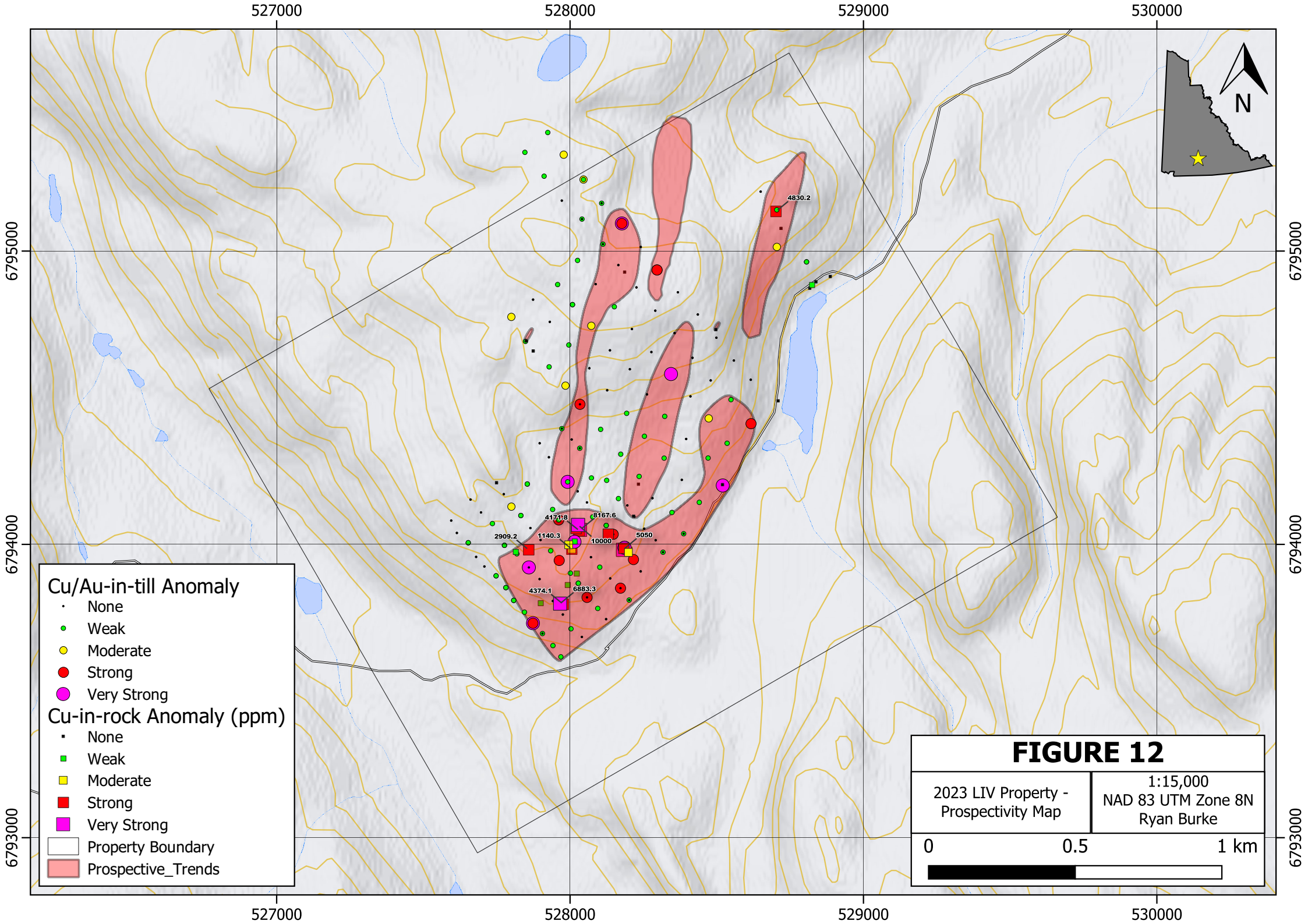

527000
528000
529000
530000
6795000
6794000
6793000
N
76.8
11.7
97.8
86.6
16.6
72.3
10.4
Mo-in-rock (ppm)
0.4 - 2
5 - 10
10 - 50
50 - 97.8
Property Boundary
FIGURE 11
2023 LIV Property - Rock Sample Results
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km

DISCUSSION & CONCLUSIONS

Mineralization at the LIV property is spatially associated with medium-to-coarse grained augite phyric basalt of the Semenof formation. Underlying and adjacent siliceous argillites and siltstones of the Boswell formation are pervasively oxidized on fractures and locally brecciated. Rare NE-trending siliceous pyritic dykes are found on the property and may be related to a causative intrusion at depth or lateral to observed mineralization. This intrusion would have a maximum age of late Triassic, and likely a minimum age of Cretaceous based on cross cutting relationships observed during 2023 fieldwork.

Thin till cover blankets the property and inhibits successful conventional geochemical exploration. The mafic, highly magnetic nature of the augite phyric basalt would contrast well with respect to the surrounding argillites and siltstones. A magnetic survey could highlight and help map the augite phyric basalt in more detail. Numerous vegetated NW-trending fault scarps are located within the area hosting showings A, B, and C and could benefit from follow-up hand or mechanized trenching. A compilation map of anomalous rock and soil samples, including all historical results and an interpreted prospective trend of mineralization is provided in Figure 12.

Additional work is warranted in order to fully evaluate the LIV property and its geological potential. Encouraging early-stage work has demonstrated that the property has notable mineral endowment and further discoveries remain to be found, not only on the property, but also further afield along strike of the Teslin fault.


527000
528000
529000
530000
6795000
6794000
6793000
N
4830.2
8167.6
4171.8
2909.2
1140.3
10000
5050
4374.1
6883.3
Cu/Au-in-till Anomaly
None
Weak
Moderate
Strong
Very Strong
Cu-in-rock Anomaly (ppm)
None
Weak
Moderate
Strong
Very Strong
Property Boundary
Prospective_Trends
FIGURE 12
2023 LIV Property - Prospectivity Map
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km

WORK RECOMMENDATIONS

The following is recommended for future work on the LIV 1-20 claims:

- Focused follow-up on Showing A, B and C as described in the mineralization section of this report
    - Hand or mechanized trenching atop these showings if results warrant
- Ground magnetics oriented in a NW-SE survey direction (perpendicular to the 040-trending augite phyric basalt which is associated with known mineralization)
- Additional soil sampling in a 100-by-100m grid overtop the entire claimblock
- Silt sampling in drainages to obtain more comprehensive basedata for the property
- Contingent upon positive results from further work, a preliminary 1,000 m rotary air blast (RAB) drilling program on the most prospective targets is recommended.

Respectfully submitted,

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

REFERENCES

Colpron, M.

2017 Revised geological map of Livingstone Creek area (NTS 105E/8). Yukon Geological Survey, Open File 2017-1, scale 1:50000.

Colpron, M., Carr, S., Hildes, D. and Piercey, S.,

2016 Geophysical, geochemical and geochronological constraints on the geology and mineral potential of the Livingstone Creek area, south-central Yukon (NTS 105E/8). In: Yukon Exploration and Geology 2016, K.E. MacFarlane and L.H. Weston (eds.), Yukon Geological Survey, p. 47-86.

Lindsay, M.

2002 Preliminary prospecting report on the Liv claim group

Kreft, B.

2013 Geochemical Report on the APCAR Project (Alkalic Porphyry Coper Gold Recon)

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.

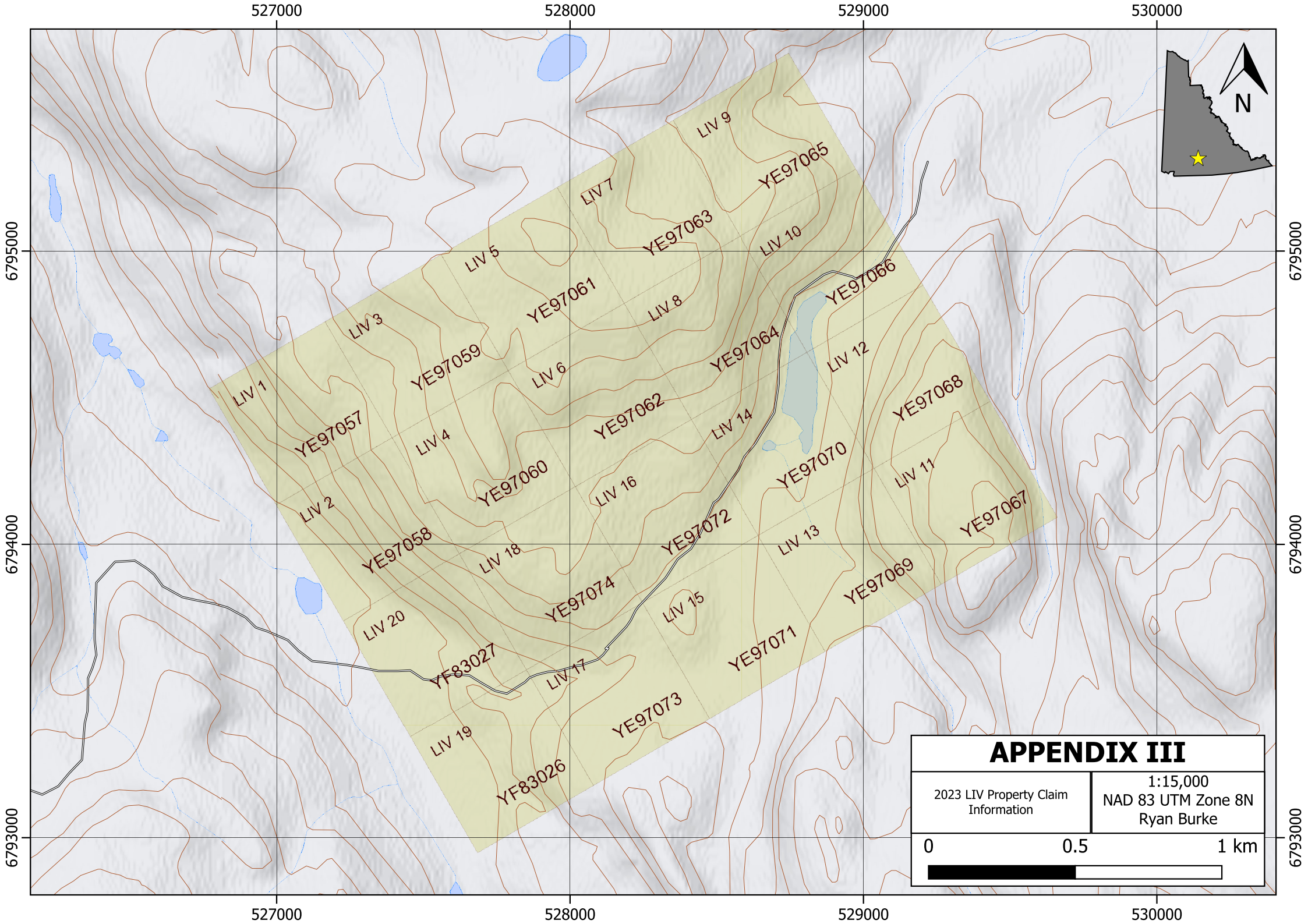
Ryan Burke, B.Sc., G.I.T.

APPENDIX II

STATEMENT OF EXPENDITURES

Item/Personnel	Rate/unit	# Units	Total Cost
Project Geo	$400.00	5	$2,000.00
Technician #1	$350.00	5	$1,750.00
Generator Rental	$15.00	5	$75.00
WCB	4.4% of wage	-	$165.00
Camp Costs (2 people)	$200.00	5	$1,000.00
Rock Sample Assay	-	17	$644.26
Soil Sample Assay	-	139	$4,233.38
Radio Rental	$60.00	2	$126.00
Helicopter IN	$1,720.70	1	$1,806.74
Helicopter OUT	$1,720.70	1	$1,806.74
Report Writing	5% of total	-	$680.36
Total Cost	**-**	**-**	**$14,287.47**

APPENDIX III
DETAILED CLAIM MAP


527000
528000
529000
530000
6795000
6794000
6793000
N
LIV 1
LIV 2
LIV 3
LIV 4
LIV 5
LIV 6
LIV 7
LIV 8
LIV 9
LIV 10
LIV 11
LIV 12
LIV 13
LIV 14
LIV 15
LIV 16
LIV 17
LIV 18
LIV 19
LIV 20
YE97057
YE97058
YE97059
YE97060
YE97061
YE97062
YE97063
YE97064
YE97065
YE97066
YE97067
YE97068
YE97069
YE97070
YE97071
YE97072
YE97073
YE97074
YF83026
YF83027
APPENDIX III
2023 LIV Property Claim Information
1:15,000
NAD 83 UTM Zone 8N
Ryan Burke
0
0.5
1 km

APPENDIX IV

GEOCHEMICAL SAMPLING & HANDLING PROCEDURES

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

All rock and soil samples collected during the 2023 program were sorted into rice bags and sealed with a plastic zap strap on the TEA property. Samples were brought to Whitehorse by field personnel. All samples were delivered by truck to Bureau Veritas Laboratories (BV) in Whitehorse, Yukon.

Rock Geochemical Samples

All rock sample sites in 2023 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 BV 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 BV Labs in Vancouver, British Columbia. A portion of this material was digested in aqua regia before being analyzed for 36 elements by the inductively coupled plasma-mass spectrometry technique (AQ201).

Soil/Till Geochemical Samples

All soil geochemical samples collected on the property were marked with a handheld Garmin 64s GPS unit. Samples were collected with a 110-cm till auger. Sample depths varied from 30 to 110 cm depth. Sample locations were marked with orange flagging tape and labelled with sample number. Samples were placed into individual pre-numbered kraft paper bags.

The soil samples were sent to BV, where they were dried and screened to minus 180 microns. A 50 g split of the screened fraction was dissolved in aqua regia and analyzed by AQ201.

APPENDIX V
CERTIFICATES OF ANALYSES

BUREAU VERITAS MINERAL LABORATORIES Canada

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

www.bvna.com/mining-laboratory-services

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Submitted By:	Ryan Burke
Receiving Lab:	Canada-Whitehorse
Received:	July 20, 2023
Analysis Start:	July 26, 2023
Report Date:	August 08, 2023
Page:	1 of 2

CERTIFICATE OF ANALYSIS WHI23000213.1

CLIENT JOB INFORMATION

Project:	LIV
Shipment ID:	
P.O. Number	
Number of Samples:	17

SAMPLE DISPOSAL

IMM-PLP	Return immediately after analysis
PICKUP-RJT	Client to Pickup Rejects

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	17	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ201	17	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	17	Per sample shipping charges for branch shipments			VAN
SLBHP	0	Sort, label and box pulps			WHI

ADDITIONAL COMMENTS

Invoice To: Ryan Burke
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1
Canada

CC: Michael Burke

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 08, 2023

CERTIFICATE OF ANALYSIS WHI23000213.1

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01
3854951	Rock	1.19	11.7	99.6	2.0	25	0.1	20.5	25.4	181	4.21	0.6	0.1	0.8	0.4	44	<0.1	<0.1	<0.1	73	2.02
3854952	Rock	0.57	0.6	205.6	3.6	83	0.4	24.5	23.4	1303	6.76	18.2	<0.1	1.4	0.1	122	0.2	<0.1	<0.1	354	5.67
3854953	Rock	1.00	72.3	937.1	2.2	41	0.5	226.9	108.7	362	11.88	1.2	0.6	4.0	0.3	117	0.3	<0.1	<0.1	189	3.67
3854954	Rock	1.15	0.9	3942.8	0.6	84	1.7	152.5	52.1	324	5.83	<0.5	0.3	7.9	0.2	19	1.1	0.2	<0.1	242	2.06
3854955	Rock	1.13	0.6	4669.5	0.7	150	3.5	353.3	85.9	429	5.51	8.1	0.1	18.8	0.2	15	2.8	0.3	0.2	179	1.65
3854956	Rock	1.35	1.1	>10000	1.7	102	8.4	558.4	211.5	308	11.49	3.7	0.1	57.7	0.2	15	1.6	0.4	0.3	272	1.43
3854957	Rock	0.78	97.8	29.0	6.1	259	0.4	22.0	2.0	74	1.99	75.5	1.3	2.7	1.6	42	0.7	24.0	0.1	436	0.03
3854958	Rock	0.70	0.6	2704.3	0.3	39	1.0	156.5	24.3	186	2.08	<0.5	<0.1	6.7	<0.1	6	0.5	0.2	<0.1	101	1.19
3854959	Rock	1.08	0.5	4170.6	1.2	44	6.6	9.0	13.2	186	6.73	<0.5	0.2	18.5	0.2	14	0.3	0.2	<0.1	349	1.03
3854960	Rock	1.23	0.6	563.0	0.2	27	0.2	28.4	24.0	196	6.10	<0.5	<0.1	2.6	<0.1	26	0.1	<0.1	<0.1	520	1.10
3854961	Rock	1.57	0.4	3733.6	0.7	19	1.8	20.4	13.4	214	2.79	<0.5	0.1	143.5	0.3	19	<0.1	<0.1	<0.1	197	1.46
3854962	Rock	1.18	0.4	6883.3	2.0	17	5.0	75.0	17.6	151	2.40	<0.5	<0.1	154.3	<0.1	22	0.2	<0.1	0.3	126	1.22
3854963	Rock	0.74	10.4	229.8	1.5	39	<0.1	35.0	19.7	260	3.62	<0.5	1.0	0.8	1.5	45	<0.1	<0.1	0.1	103	1.53
3854964	Rock	0.91	16.6	100.0	5.3	75	0.5	23.7	13.1	562	2.94	1.6	1.9	1.0	1.5	27	0.5	0.3	0.1	57	0.92
3854965	Rock	1.11	9.3	108.6	7.0	136	<0.1	70.2	8.7	234	2.02	107.9	0.4	2.1	1.3	19	0.3	20.4	0.1	24	0.05
3854966	Rock	0.76	76.8	54.1	5.2	26	0.8	6.7	1.4	340	5.57	<0.5	4.1	0.6	2.1	22	0.3	0.1	0.2	207	0.78
3854967	Rock	0.80	86.6	134.0	63.2	334	1.8	51.9	7.5	904	12.73	57.2	7.9	<0.5	2.9	101	1.0	5.7	0.5	569	0.38

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 08, 2023

CERTIFICATE OF ANALYSIS WHI23000213.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
3854951	Rock	0.133	9	13	0.66	48	0.374	4	2.00	0.172	0.16	<0.1	<0.01	4.1	0.1	1.88	6	2.4	<0.2
3854952	Rock	0.214	3	29	3.40	72	0.088	2	4.40	0.056	0.07	<0.1	<0.01	22.3	<0.1	0.15	11	0.6	<0.2
3854953	Rock	0.113	4	21	0.76	16	0.091	2	5.81	0.353	0.09	<0.1	0.02	8.0	0.2	7.28	13	37.4	0.5
3854954	Rock	0.028	<1	54	1.38	48	0.185	2	1.57	0.132	0.08	<0.1	<0.01	16.2	<0.1	1.92	5	8.5	<0.2
3854955	Rock	0.018	<1	96	1.81	24	0.118	<1	1.28	0.108	0.06	<0.1	<0.01	18.2	<0.1	1.35	4	10.1	0.5
3854956	Rock	0.019	<1	79	1.56	26	0.151	<1	1.17	0.110	0.06	<0.1	<0.01	18.3	<0.1	6.20	5	44.2	0.9
3854957	Rock	0.011	5	43	0.09	851	0.012	2	0.46	0.003	0.19	0.5	0.89	3.1	0.4	0.19	2	7.3	<0.2
3854958	Rock	0.011	<1	56	1.25	17	0.104	3	1.08	0.057	0.03	<0.1	0.01	14.3	<0.1	<0.05	3	1.6	0.2
3854959	Rock	0.016	<1	76	1.18	36	0.218	<1	0.94	0.102	0.07	<0.1	0.02	16.2	<0.1	0.43	4	9.0	0.2
3854960	Rock	0.007	<1	76	0.61	30	0.116	5	1.33	0.043	0.05	<0.1	<0.01	11.5	<0.1	0.31	6	4.6	<0.2
3854961	Rock	0.008	<1	15	0.94	50	0.123	2	1.15	0.079	0.05	<0.1	0.04	16.4	<0.1	0.10	4	2.4	0.2
3854962	Rock	0.013	<1	11	0.79	78	0.094	2	1.07	0.075	0.05	<0.1	0.02	14.0	<0.1	0.12	2	9.1	0.7
3854963	Rock	0.090	7	27	0.32	55	0.174	2	1.85	0.160	0.11	0.2	<0.01	4.2	0.2	1.35	5	4.2	0.3
3854964	Rock	0.072	6	19	1.14	94	0.108	2	1.98	0.110	0.35	0.2	<0.01	12.2	0.5	2.09	7	5.8	<0.2
3854965	Rock	0.026	3	23	0.03	440	0.001	1	0.42	0.002	0.12	<0.1	0.38	5.3	0.1	<0.05	1	4.2	<0.2
3854966	Rock	0.140	14	27	0.35	50	0.074	<1	1.05	0.062	0.12	0.3	0.01	1.6	0.2	1.03	7	13.7	0.4
3854967	Rock	0.235	39	51	0.52	141	0.006	<1	1.80	0.016	0.29	0.7	0.79	5.2	2.2	0.55	9	13.6	0.4

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV

Report Date: August 08, 2023

QUALITY CONTROL REPORT WHI23000213.1

		Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																						
3854956	Rock		1.35	1.1	>10000	1.7	102	8.4	558.4	211.5	308	11.49	3.7	0.1	57.7	0.2	15	1.6	0.4	0.3	272	1.43
REP 3854956	QC			1.1	>10000	1.7	101	8.4	556.9	209.6	300	11.41	3.2	0.1	57.8	0.2	15	1.6	0.4	0.3	269	1.40
3854965	Rock		1.11	9.3	108.6	7.0	136	<0.1	70.2	8.7	234	2.02	107.9	0.4	2.1	1.3	19	0.3	20.4	0.1	24	0.05
REP 3854965	QC			9.1	107.7	6.8	135	<0.1	67.7	8.5	231	2.00	104.5	0.4	1.9	1.3	20	0.3	20.2	0.1	24	0.05
Reference Materials																						
STD BVGEO01	Standard			10.0	4185.8	178.6	1692	2.5	160.6	24.8	706	3.65	120.4	3.5	205.2	13.4	56	5.9	2.6	23.3	72	1.32
STD BVGEO01	Standard			10.5	4353.0	184.5	1734	2.3	163.8	25.7	724	3.66	119.7	3.6	206.2	14.0	53	5.9	3.2	23.5	73	1.26
STD OREAS262	Standard			0.6	114.5	55.2	155	0.4	64.4	27.8	524	3.24	35.2	1.2	52.7	9.0	35	0.6	3.5	0.9	22	2.98
STD OREAS262	Standard			0.7	116.6	55.6	155	0.4	65.2	29.0	541	3.23	34.6	1.2	66.4	8.8	33	0.6	5.2	0.9	21	2.89
STD BVGEO01 Expected				11.2	4415	187	1712	2.53	163	25	706	3.7	121	3.67	214	14.4	55	6.25	3.39	24.3	73	1.3219
STD OREAS262 Expected				0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
Prep Wash																						
ROCK-WHI	Prep Blank			1.8	3.9	3.7	30	<0.1	1.7	3.4	426	1.77	1.3	0.4	<0.5	2.2	24	<0.1	<0.1	<0.1	21	0.65
ROCK-WHI	Prep Blank			1.9	2.9	1.3	29	<0.1	2.3	3.8	487	1.90	0.9	0.4	<0.5	2.2	25	<0.1	<0.1	<0.1	23	0.70

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV

Report Date: August 08, 2023

QUALITY CONTROL REPORT WHI23000213.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
3854956	Rock	0.019	<1	79	1.56	26	0.151	<1	1.17	0.110	0.06	<0.1	<0.01	18.3	<0.1	6.20	5	44.2	0.9
REP 3854956	QC	0.019	<1	77	1.52	27	0.148	<1	1.15	0.109	0.06	<0.1	0.01	17.7	<0.1	6.18	5	43.3	0.9
3854965	Rock	0.026	3	23	0.03	440	0.001	1	0.42	0.002	0.12	<0.1	0.38	5.3	0.1	<0.05	1	4.2	<0.2
REP 3854965	QC	0.025	3	23	0.03	447	0.001	2	0.42	0.002	0.12	<0.1	0.33	5.3	0.1	<0.05	1	4.2	<0.2
Reference Materials																			
STD BVGEO01	Standard	0.072	25	185	1.31	245	0.225	2	2.34	0.214	0.90	4.3	0.09	5.6	0.6	0.64	7	4.8	1.0
STD BVGEO01	Standard	0.073	26	186	1.30	287	0.229	3	2.27	0.187	0.88	5.1	0.10	5.5	0.6	0.69	6	4.8	1.0
STD OREAS262	Standard	0.039	18	44	1.18	245	0.003	5	1.38	0.070	0.31	0.2	0.17	3.1	0.5	0.27	4	0.6	0.3
STD OREAS262	Standard	0.039	15	44	1.19	232	0.002	4	1.29	0.070	0.30	0.2	0.16	3.0	0.4	0.27	4	<0.5	0.2
STD BVGEO01 Expected		0.0727	25.9	187	1.3175	260	0.233	3.8	2.2628	0.1924	0.8669	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
ROCK-WHI	Prep Blank	0.038	6	8	0.40	54	0.082	4	0.94	0.154	0.11	0.1	<0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
ROCK-WHI	Prep Blank	0.040	7	10	0.46	60	0.085	3	0.98	0.141	0.10	0.1	<0.01	2.6	<0.1	<0.05	4	<0.5	<0.2

BUREAU VERITAS MINERAL LABORATORIES Canada

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

www.bvna.com/mining-laboratory-services

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Submitted By:	Ryan Burke
Receiving Lab:	Canada-Whitehorse
Received:	July 20, 2023
Analysis Start:	August 16, 2023
Report Date:	August 24, 2023
Page:	1 of 6

CERTIFICATE OF ANALYSIS WHI23000214.1

CLIENT JOB INFORMATION

Project:	LIV
Shipment ID:	
P.O. Number	
Number of Samples:	139

SAMPLE DISPOSAL

IMM-PLP	Return immediately after analysis
PICKUP-RJT	Client to Pickup Rejects

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	139	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	139	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	139	Per sample shipping charges for branch shipments			VAN
SVRJT	139	Save all or part of Soil Reject			WHI

ADDITIONAL COMMENTS

Invoice To: Ryan Burke
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
3854651	Soil		2.2	122.1	3.3	53	<0.1	28.6	20.3	583	5.06	11.9	0.3	2.7	1.6	54	0.1	1.4	<0.1	169	1.42	0.067
3854652	Soil		2.2	65.1	5.3	49	0.1	36.7	18.4	367	4.63	18.5	0.4	1.8	2.0	24	0.1	1.2	<0.1	144	0.40	0.039
3854653	Soil		0.6	48.6	4.6	41	<0.1	30.2	12.7	485	2.77	9.6	0.5	2.3	3.9	28	<0.1	1.7	0.2	72	0.61	0.067
3854654	Soil		1.0	34.9	4.9	39	<0.1	24.9	11.7	374	2.93	8.4	0.4	0.7	2.1	32	<0.1	0.5	0.1	80	0.35	0.026
3854655	Soil		0.8	12.6	5.5	38	<0.1	18.6	8.6	215	2.43	7.9	0.3	1.3	2.1	14	0.1	0.4	0.2	67	0.19	0.023
3854656	Soil		2.6	41.6	4.3	117	0.3	33.5	20.3	838	4.27	12.1	0.3	<0.5	1.2	26	4.2	1.0	<0.1	131	0.42	0.054
3854657	Soil		1.5	22.7	4.4	47	0.2	19.9	9.9	266	2.57	7.1	0.3	0.7	1.6	18	0.3	0.6	0.1	85	0.29	0.045
3854658	Soil		1.0	44.2	4.7	41	0.1	24.3	13.3	392	3.03	8.0	0.4	1.8	1.7	25	0.1	0.8	<0.1	92	0.42	0.047
3854659	Soil		8.9	37.3	5.5	67	0.2	31.3	11.1	469	2.65	14.1	1.0	4.3	2.3	27	0.5	1.2	0.1	63	0.52	0.083
3854660	Soil		1.0	31.0	5.4	45	<0.1	36.0	10.6	317	2.42	9.5	0.6	3.3	3.1	22	<0.1	0.7	0.1	59	0.38	0.070
3854661	Soil		0.8	33.1	4.6	34	<0.1	28.6	11.2	304	2.79	8.3	0.4	2.8	2.6	22	<0.1	0.7	<0.1	79	0.41	0.040
3854662	Soil		0.8	67.3	4.4	49	0.1	35.1	18.7	677	4.10	8.8	0.4	1.7	1.7	36	<0.1	0.9	<0.1	134	0.79	0.060
3854663	Soil		0.8	41.2	4.0	38	<0.1	28.9	16.4	380	3.85	7.6	0.3	9.8	1.5	29	<0.1	0.7	<0.1	124	0.49	0.029
3854664	Soil		0.8	57.7	5.2	44	<0.1	34.3	16.1	646	3.36	9.8	0.5	4.0	3.5	34	<0.1	0.8	0.1	88	0.69	0.067
3854665	Soil		0.8	64.0	4.4	43	<0.1	31.9	16.2	426	4.21	8.7	0.5	1.0	2.1	39	<0.1	0.7	<0.1	128	0.46	0.022
3854666	Soil		0.8	167.7	4.6	43	<0.1	34.1	15.9	495	3.57	8.6	0.7	2.5	2.9	37	<0.1	0.7	<0.1	106	0.60	0.049
3854667	Soil		0.8	56.0	4.4	51	<0.1	37.1	15.2	565	3.23	9.6	0.5	2.5	3.0	32	<0.1	0.7	<0.1	91	0.72	0.075
3854668	Soil		0.7	19.5	4.4	33	<0.1	23.8	9.7	390	2.14	6.1	0.8	1.7	2.8	27	<0.1	0.4	0.1	56	0.54	0.066
3854669	Soil		0.7	30.3	4.8	35	<0.1	23.2	10.3	318	2.55	7.2	0.5	1.3	2.8	24	<0.1	0.5	0.1	72	0.46	0.039
3854670	Soil		0.6	71.2	4.9	57	<0.1	39.0	16.3	472	3.52	12.8	0.5	3.7	2.9	46	0.1	1.1	<0.1	95	2.16	0.038
3854671	Soil		0.8	82.6	4.0	40	0.1	40.5	18.0	416	3.82	14.6	0.6	4.0	2.6	35	<0.1	1.3	<0.1	109	1.31	0.021
3854672	Soil		0.6	23.5	5.3	40	<0.1	23.8	11.5	342	2.88	9.6	0.3	1.1	1.8	21	<0.1	0.7	<0.1	88	0.35	0.015
3854673	Soil		1.0	36.1	4.9	46	0.1	28.5	12.4	718	2.91	8.2	0.6	1.8	2.3	57	0.2	0.8	0.1	78	1.02	0.068
3854674	Soil		1.2	38.1	5.4	44	0.1	32.0	11.4	371	2.71	5.8	0.6	1.7	2.2	27	<0.1	0.5	<0.1	75	0.59	0.065
3854675	Soil		0.8	74.3	4.9	36	0.1	19.3	9.0	204	2.42	6.3	0.3	0.8	1.6	16	0.2	0.5	0.1	70	0.27	0.028
3854676	Soil		2.2	42.9	5.0	38	<0.1	36.4	9.8	304	2.12	8.8	0.5	9.3	3.9	27	<0.1	0.6	0.1	51	0.60	0.077
3854677	Soil		1.0	386.7	5.4	14	0.4	6.9	9.5	66	10.17	<0.5	<0.1	13.1	0.2	3	<0.1	0.2	0.2	193	0.26	0.021
3854678	Soil		0.9	172.8	5.5	53	<0.1	43.0	22.5	585	4.71	10.3	0.4	2.3	1.8	36	<0.1	1.0	<0.1	157	0.73	0.051
3854679	Soil		0.7	35.2	4.3	37	<0.1	30.0	14.6	327	3.90	6.9	0.3	1.6	1.3	25	<0.1	0.7	<0.1	127	0.41	0.024
3854680	Soil		0.8	65.6	4.8	50	<0.1	42.0	17.1	702	3.94	11.5	0.4	2.4	2.3	37	<0.1	1.0	<0.1	102	0.85	0.070

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
3854651	Soil	7	38	0.77	189	0.042	3	1.51	0.020	0.07	<0.1	0.17	18.7	<0.1	0.05	5	0.9	<0.2
3854652	Soil	6	54	0.76	166	0.086	2	2.15	0.019	0.06	0.1	0.12	7.5	0.1	<0.05	6	0.8	<0.2
3854653	Soil	12	35	0.62	116	0.072	2	1.14	0.018	0.07	0.2	0.16	7.8	<0.1	<0.05	4	<0.5	<0.2
3854654	Soil	7	37	0.53	119	0.101	2	1.73	0.014	0.07	0.2	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
3854655	Soil	7	35	0.43	122	0.090	1	1.34	0.008	0.06	0.2	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
3854656	Soil	6	48	0.71	101	0.088	2	1.68	0.018	0.08	0.1	0.05	6.4	<0.1	<0.05	5	1.0	<0.2
3854657	Soil	7	36	0.52	96	0.084	1	1.37	0.012	0.05	0.2	0.02	3.6	0.1	<0.05	5	<0.5	<0.2
3854658	Soil	9	38	0.56	142	0.086	2	1.45	0.020	0.05	0.1	0.07	6.5	<0.1	<0.05	5	<0.5	<0.2
3854659	Soil	12	36	0.49	184	0.057	2	1.08	0.014	0.05	0.3	0.13	4.4	0.3	<0.05	3	1.4	<0.2
3854660	Soil	11	42	0.67	149	0.072	2	1.41	0.015	0.05	0.2	0.04	4.0	0.1	<0.05	4	0.5	<0.2
3854661	Soil	8	43	0.58	154	0.073	2	1.42	0.015	0.05	0.1	0.08	5.2	<0.1	<0.05	4	<0.5	<0.2
3854662	Soil	9	56	0.88	196	0.089	2	1.96	0.027	0.07	0.1	0.32	11.4	<0.1	<0.05	6	<0.5	<0.2
3854663	Soil	6	47	0.72	181	0.080	2	2.12	0.020	0.04	<0.1	0.09	6.4	<0.1	<0.05	6	<0.5	<0.2
3854664	Soil	15	47	0.70	169	0.082	2	1.49	0.022	0.06	0.2	0.08	8.7	<0.1	<0.05	5	0.6	<0.2
3854665	Soil	9	51	0.84	193	0.077	1	2.63	0.020	0.04	<0.1	0.08	9.3	<0.1	<0.05	7	0.5	<0.2
3854666	Soil	15	47	0.73	207	0.079	1	1.89	0.030	0.05	0.1	0.25	10.6	<0.1	<0.05	5	0.6	<0.2
3854667	Soil	12	49	0.86	154	0.095	2	1.55	0.024	0.05	0.1	0.08	8.1	<0.1	<0.05	5	<0.5	<0.2
3854668	Soil	11	38	0.54	165	0.068	1	1.23	0.016	0.04	0.2	0.03	4.2	<0.1	<0.05	4	0.8	<0.2
3854669	Soil	10	38	0.52	127	0.082	2	1.40	0.016	0.04	0.2	0.07	5.2	<0.1	<0.05	5	<0.5	<0.2
3854670	Soil	13	57	1.06	216	0.113	2	1.66	0.021	0.09	0.2	0.13	11.4	<0.1	<0.05	6	1.0	<0.2
3854671	Soil	14	73	0.88	174	0.098	2	1.69	0.023	0.06	0.1	0.19	13.0	<0.1	<0.05	5	0.7	<0.2
3854672	Soil	7	39	0.65	400	0.092	1	1.69	0.016	0.07	0.1	0.08	4.7	<0.1	<0.05	6	<0.5	<0.2
3854673	Soil	10	43	0.74	115	0.076	3	1.24	0.021	0.07	0.2	0.09	5.9	<0.1	<0.05	4	2.5	<0.2
3854674	Soil	11	45	0.72	172	0.063	2	1.67	0.018	0.04	0.1	0.03	5.4	<0.1	<0.05	5	0.9	<0.2
3854675	Soil	7	33	0.39	122	0.073	1	1.40	0.010	0.03	0.2	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
3854676	Soil	12	38	0.67	113	0.074	3	0.99	0.020	0.05	0.2	0.09	4.5	<0.1	<0.05	3	<0.5	<0.2
3854677	Soil	<1	121	0.22	15	0.158	1	0.48	0.012	<0.01	<0.1	0.02	11.0	<0.1	<0.05	2	21.8	0.7
3854678	Soil	8	56	0.89	159	0.093	3	1.59	0.031	0.05	<0.1	0.54	13.7	<0.1	<0.05	6	<0.5	<0.2
3854679	Soil	5	46	0.71	196	0.074	2	2.28	0.013	0.04	0.1	0.36	4.8	<0.1	<0.05	7	<0.5	<0.2
3854680	Soil	11	45	0.84	171	0.081	2	1.49	0.027	0.05	0.1	0.19	10.5	<0.1	<0.05	5	<0.5	<0.2

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
3854681	Soil	0.8	63.5	4.1	48	0.1	31.5	16.0	564	3.55	14.7	0.4	2.8	2.0	47	<0.1	1.1	<0.1	96	1.51	0.092
3854682	Soil	0.7	45.2	4.0	35	<0.1	24.2	11.1	372	2.94	10.2	0.6	3.6	2.7	26	<0.1	1.0	<0.1	81	0.55	0.055
3854683	Soil	0.9	104.3	4.2	48	<0.1	29.0	17.0	568	3.80	15.2	0.5	21.9	2.0	30	<0.1	1.2	<0.1	106	0.61	0.051
3854684	Soil	1.1	51.9	4.9	61	<0.1	33.7	16.7	680	3.75	16.8	0.4	2.0	1.8	55	0.2	1.5	<0.1	97	1.96	0.085
3854685	Soil	0.9	54.6	4.2	39	<0.1	31.6	16.2	444	3.81	11.7	0.5	4.1	2.4	29	<0.1	1.0	<0.1	113	0.57	0.036
3854686	Soil	0.8	53.2	4.8	44	<0.1	35.7	15.3	521	3.37	10.0	0.5	4.2	3.1	28	<0.1	0.8	<0.1	87	0.64	0.074
3854687	Soil	0.9	60.8	4.4	43	<0.1	29.6	14.9	596	3.69	10.0	0.7	3.6	2.3	29	<0.1	1.0	<0.1	103	0.66	0.071
3854688	Soil	0.7	36.4	3.5	38	<0.1	24.5	11.7	453	2.60	8.0	0.4	1.7	1.6	35	<0.1	0.7	<0.1	71	0.85	0.058
3854689	Soil	1.5	18.8	4.3	37	<0.1	27.1	10.6	355	2.28	6.3	0.5	2.4	3.2	21	<0.1	0.5	0.1	58	0.45	0.036
3854690	Soil	0.9	54.2	4.6	42	<0.1	39.0	15.5	534	3.56	12.4	0.6	4.5	2.8	29	<0.1	1.1	<0.1	98	0.55	0.040
3854691	Soil	0.6	21.4	4.2	32	<0.1	22.6	9.3	304	2.43	7.0	0.7	1.4	2.8	22	<0.1	0.5	0.1	66	0.44	0.038
3854692	Soil	0.7	34.3	3.1	38	<0.1	24.2	11.6	441	2.63	7.3	0.4	1.0	1.3	32	0.2	0.7	<0.1	69	0.82	0.058
3854693	Soil	0.9	44.4	4.5	45	<0.1	34.1	12.7	471	2.93	12.4	0.7	4.0	3.4	26	<0.1	0.9	0.1	79	0.54	0.061
3854694	Soil	1.1	69.1	5.9	49	<0.1	38.9	16.9	550	3.89	9.9	0.5	2.4	1.9	25	0.1	1.1	<0.1	115	0.48	0.029
3854695	Soil	0.7	19.0	4.2	30	<0.1	22.1	8.2	175	2.40	6.6	0.3	1.4	2.0	18	<0.1	0.5	0.1	71	0.28	0.009
3854696	Soil	1.0	21.9	3.4	35	<0.1	19.2	10.3	254	2.83	4.5	0.3	0.9	1.1	18	0.3	0.4	<0.1	98	0.31	0.015
3854697	Soil	1.2	43.8	4.7	43	<0.1	30.0	11.9	225	2.46	5.5	0.7	3.3	2.8	33	0.3	0.5	0.1	77	0.84	0.061
3854698	Soil	1.7	56.3	3.7	74	0.8	24.4	9.6	617	4.46	3.3	0.3	1.9	1.8	27	0.1	0.5	<0.1	109	0.27	0.029
3854699	Soil	1.0	33.3	4.1	29	<0.1	24.5	12.2	221	2.98	7.6	0.5	1.6	1.4	19	0.1	0.5	<0.1	102	0.36	0.024
3854700	Soil	1.5	73.8	9.8	61	0.1	44.0	18.8	701	4.11	11.0	0.4	2.1	1.9	44	0.2	1.1	<0.1	125	1.25	0.076
3854701	Soil	1.1	51.6	4.4	145	<0.1	71.5	57.7	2626	5.34	9.5	1.7	1.4	2.0	32	1.8	0.8	<0.1	127	0.88	0.062
3854702	Soil	0.8	71.2	6.0	43	0.1	33.6	13.9	470	3.38	8.4	0.4	2.5	2.0	35	0.1	0.9	<0.1	104	1.10	0.053
3854703	Soil	0.9	48.0	3.4	57	0.1	28.3	15.8	661	3.32	7.3	0.4	0.9	1.2	34	0.4	0.8	<0.1	101	0.84	0.055
3854704	Soil	2.0	36.4	4.1	56	0.1	30.7	13.1	538	3.16	7.3	0.5	1.2	1.9	23	0.1	0.7	<0.1	92	0.40	0.042
3854705	Soil	1.0	67.7	4.1	60	0.1	35.9	15.0	547	3.46	8.9	0.7	2.1	2.3	28	0.2	0.7	<0.1	93	0.59	0.061
3854706	Soil	1.1	10.0	6.0	33	0.2	11.1	6.0	237	2.02	7.1	0.3	2.0	1.9	14	0.3	0.7	0.1	62	0.18	0.027
3854707	Soil	0.8	20.7	4.5	35	<0.1	23.2	7.9	252	2.14	8.0	0.6	1.4	2.8	17	<0.1	0.6	0.1	57	0.31	0.046
3854708	Soil	1.6	66.2	5.2	48	0.2	34.3	16.3	368	3.99	10.5	0.4	2.0	1.9	21	0.2	1.0	<0.1	116	0.34	0.036
3854709	Soil	0.8	47.7	4.5	87	0.3	50.5	10.9	1024	3.46	7.7	0.3	2.5	2.2	15	0.1	0.8	0.1	78	0.16	0.024
3854710	Soil	1.5	75.8	8.1	60	0.2	35.8	17.0	714	3.94	12.4	0.6	2.3	2.4	33	0.2	1.2	<0.1	110	0.62	0.076

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
3854681	Soil	10	42	0.84	148	0.094	3	1.44	0.029	0.07	0.1	0.17	9.2	<0.1	<0.05	4	<0.5	<0.2
3854682	Soil	12	39	0.48	107	0.077	2	1.19	0.022	0.05	0.2	0.17	8.9	<0.1	<0.05	4	<0.5	<0.2
3854683	Soil	10	41	0.68	119	0.085	3	1.46	0.022	0.08	0.1	0.15	11.4	<0.1	<0.05	4	<0.5	<0.2
3854684	Soil	10	41	0.83	131	0.079	4	1.30	0.026	0.07	0.1	0.28	9.1	<0.1	<0.05	4	0.6	<0.2
3854685	Soil	11	50	0.66	145	0.088	2	1.69	0.021	0.05	0.1	0.25	11.8	<0.1	<0.05	5	<0.5	<0.2
3854686	Soil	12	41	0.86	153	0.076	2	1.43	0.022	0.06	0.2	0.15	8.6	<0.1	<0.05	5	<0.5	<0.2
3854687	Soil	11	44	0.69	171	0.085	2	1.36	0.021	0.04	0.1	0.22	9.7	<0.1	<0.05	4	0.6	<0.2
3854688	Soil	8	35	0.62	110	0.064	2	1.08	0.023	0.04	0.1	0.18	5.9	<0.1	<0.05	3	0.6	<0.2
3854689	Soil	9	37	0.51	129	0.084	1	1.15	0.016	0.04	0.2	0.05	4.4	<0.1	<0.05	4	<0.5	<0.2
3854690	Soil	12	50	0.67	150	0.087	2	1.47	0.022	0.06	0.2	0.16	11.2	<0.1	<0.05	4	0.6	<0.2
3854691	Soil	11	39	0.54	129	0.082	1	1.34	0.016	0.05	0.2	0.07	5.3	<0.1	<0.05	4	<0.5	<0.2
3854692	Soil	8	31	0.59	132	0.068	2	1.10	0.024	0.05	0.1	0.12	5.1	<0.1	<0.05	3	0.8	<0.2
3854693	Soil	11	46	0.67	145	0.073	1	1.30	0.020	0.05	0.2	0.05	7.4	<0.1	<0.05	4	0.5	<0.2
3854694	Soil	8	53	0.75	172	0.068	2	1.95	0.019	0.04	0.1	0.21	8.7	<0.1	<0.05	5	0.7	<0.2
3854695	Soil	7	37	0.47	100	0.079	<1	1.49	0.011	0.03	0.2	0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
3854696	Soil	5	33	0.40	101	0.079	1	1.37	0.017	0.05	0.1	0.06	3.8	<0.1	<0.05	5	<0.5	<0.2
3854697	Soil	10	40	0.63	111	0.077	3	1.18	0.019	0.05	0.2	0.08	6.0	<0.1	<0.05	4	1.8	<0.2
3854698	Soil	8	45	1.65	188	0.209	<1	2.90	0.025	0.86	<0.1	0.02	12.5	0.4	0.24	10	3.7	<0.2
3854699	Soil	6	37	0.43	110	0.077	1	1.29	0.017	0.03	0.2	0.07	4.0	<0.1	<0.05	5	<0.5	<0.2
3854700	Soil	9	60	0.98	98	0.094	3	1.60	0.032	0.07	0.1	0.69	11.5	<0.1	<0.05	5	<0.5	<0.2
3854701	Soil	8	53	0.67	108	0.097	4	2.19	0.027	0.05	<0.1	0.34	9.1	0.3	<0.05	4	1.8	<0.2
3854702	Soil	9	50	0.83	127	0.086	3	1.41	0.028	0.06	0.1	0.20	8.6	<0.1	<0.05	4	0.6	<0.2
3854703	Soil	7	42	0.72	166	0.086	2	1.48	0.028	0.06	0.1	0.09	7.1	<0.1	<0.05	4	<0.5	<0.2
3854704	Soil	7	41	0.70	172	0.092	2	1.73	0.018	0.06	0.2	0.08	5.7	<0.1	<0.05	5	0.8	<0.2
3854705	Soil	10	45	0.69	155	0.078	2	1.44	0.021	0.05	0.1	0.12	8.3	<0.1	<0.05	4	0.7	<0.2
3854706	Soil	7	27	0.32	124	0.083	<1	1.18	0.010	0.04	0.2	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
3854707	Soil	10	34	0.54	169	0.070	1	1.29	0.013	0.04	0.2	0.04	4.0	0.1	<0.05	4	<0.5	<0.2
3854708	Soil	7	51	0.75	138	0.084	2	2.16	0.018	0.05	0.1	0.05	6.9	0.1	<0.05	6	0.8	<0.2
3854709	Soil	11	34	0.89	232	0.112	1	1.99	0.015	0.30	0.1	0.05	6.1	0.1	<0.05	7	<0.5	<0.2
3854710	Soil	12	50	0.81	177	0.099	2	1.70	0.028	0.07	0.1	0.19	11.9	<0.1	<0.05	5	0.6	<0.2

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
3854711	Soil		1.2	41.7	4.2	45	0.1	31.7	12.1	431	3.09	11.5	0.5	1.4	2.1	20	0.1	0.8	0.1	88	0.37	0.046
3854712	Soil		1.4	44.1	4.7	36	0.1	28.5	9.2	297	2.23	8.5	0.7	2.2	3.3	24	<0.1	0.9	0.1	58	0.44	0.048
3854713	Soil		1.3	361.3	2.7	73	<0.1	32.2	25.3	1118	6.89	18.5	0.4	1.3	1.1	30	<0.1	0.9	<0.1	117	0.94	0.087
3854714	Soil		0.6	28.6	4.5	40	<0.1	28.6	8.6	300	2.16	7.8	0.5	2.3	3.4	22	<0.1	0.5	0.1	54	0.48	0.063
3854715	Soil		1.3	94.6	4.6	61	<0.1	34.2	17.7	662	4.00	8.9	0.6	1.9	1.9	33	0.2	0.9	<0.1	128	0.72	0.048
3854716	Soil		2.2	72.4	5.6	57	<0.1	38.9	17.1	547	3.88	11.0	0.9	1.7	2.7	29	0.1	0.9	0.1	110	0.63	0.045
3854717	Soil		18.1	51.1	14.2	23	0.7	7.2	1.3	56	4.42	106.1	1.0	4.1	1.2	105	0.4	6.9	0.1	128	0.25	0.047
3854718	Soil		2.7	86.7	3.1	102	<0.1	35.1	32.2	677	6.44	12.7	0.4	2.1	1.2	27	0.2	0.9	<0.1	181	0.85	0.072
3854719	Soil		8.4	64.8	5.3	110	0.1	53.9	22.5	688	4.71	20.5	0.8	2.9	2.0	28	0.5	2.5	<0.1	125	0.45	0.075
3854720	Soil		3.3	43.8	5.7	61	<0.1	38.8	13.2	350	3.26	15.2	0.6	2.4	2.7	20	0.1	1.4	0.1	90	0.33	0.039
3854801	Soil		0.8	29.3	4.8	39	<0.1	29.6	9.0	341	2.34	8.6	0.7	2.0	3.7	24	<0.1	0.5	0.1	58	0.49	0.056
3854802	Soil		0.6	47.3	4.6	39	<0.1	25.2	11.4	345	2.63	31.4	0.5	1.7	3.3	24	<0.1	1.6	0.1	67	0.51	0.049
3854803	Soil		1.5	40.4	3.7	63	<0.1	24.8	13.0	338	2.48	6.7	0.3	<0.5	1.5	25	0.2	0.5	0.1	60	0.37	0.029
3854804	Soil		0.8	13.9	5.3	39	<0.1	22.8	7.5	228	2.18	10.0	0.5	1.7	3.1	13	0.2	0.5	0.2	54	0.23	0.045
3854805	Soil		1.0	31.9	5.2	46	0.1	31.6	11.9	298	2.95	9.7	0.5	1.0	2.5	16	0.1	0.7	0.1	83	0.27	0.037
3854806	Soil		7.4	115.0	11.4	169	0.5	68.9	16.3	1896	5.59	108.7	0.7	9.8	1.8	18	0.3	4.6	0.2	69	0.33	0.044
3854807	Soil		2.0	34.2	4.9	65	0.2	32.7	11.6	384	2.67	9.5	0.7	2.7	3.0	25	0.3	0.8	0.1	70	0.51	0.075
3854808	Soil		4.5	104.2	9.7	393	1.3	74.6	21.0	3777	6.92	24.5	0.7	19.6	1.5	17	1.1	1.2	0.1	25	0.23	0.038
3854809	Soil		2.6	32.0	4.4	51	0.2	28.5	9.0	312	2.48	11.0	0.6	3.1	2.7	20	0.1	1.1	0.1	61	0.34	0.047
3854810	Soil		2.6	71.9	4.5	57	0.2	43.7	17.6	408	3.93	15.0	0.5	6.1	2.1	23	0.2	1.7	<0.1	115	0.43	0.047
3854811	Soil		14.0	88.6	10.8	162	0.2	61.1	18.0	593	5.28	97.4	1.3	4.3	1.9	40	0.5	8.3	0.1	134	0.33	0.045
3854812	Soil		6.4	65.8	9.3	102	0.2	87.7	22.3	881	4.86	23.6	0.9	2.5	2.0	55	0.3	1.8	0.1	124	0.58	0.068
3854813	Soil		5.4	58.3	6.8	91	<0.1	39.4	14.3	513	3.75	35.1	0.5	2.9	1.6	26	0.2	4.8	<0.1	94	0.42	0.029
3854814	Soil		4.6	59.2	7.5	73	<0.1	37.6	14.8	536	4.01	29.6	0.9	2.1	3.2	28	0.1	4.0	<0.1	109	0.51	0.074
3854815	Soil		7.2	45.8	9.3	65	0.2	33.1	10.4	332	3.15	32.1	1.3	3.0	3.6	27	0.2	2.5	0.1	81	0.30	0.060
3854816	Soil		0.7	30.0	4.8	36	<0.1	29.6	11.0	335	2.71	8.0	0.5	3.2	2.8	26	<0.1	0.6	0.1	80	0.65	0.053
3854817	Soil		0.6	32.6	4.8	32	<0.1	26.5	11.1	332	2.75	6.6	0.5	9.5	2.4	24	<0.1	0.5	0.1	88	0.62	0.035
3854818	Soil		0.5	48.5	4.9	30	<0.1	26.9	8.3	226	2.20	6.2	0.6	2.7	3.3	21	<0.1	0.4	0.1	60	0.48	0.045
3854819	Soil		0.7	55.8	5.1	35	<0.1	29.9	18.5	528	3.68	7.6	0.5	1.8	1.3	24	<0.1	0.8	<0.1	116	0.52	0.049
3854820	Soil		1.0	44.2	6.0	49	<0.1	38.8	20.8	534	4.13	9.9	0.4	1.5	1.7	27	<0.1	0.9	<0.1	127	0.71	0.081

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
3854711	Soil	9	44	0.73	178	0.083	2	1.83	0.017	0.07	0.2	0.06	6.0	0.1	<0.05	5	0.6	<0.2
3854712	Soil	14	40	0.56	206	0.074	1	1.34	0.016	0.05	0.2	0.07	6.1	<0.1	<0.05	4	0.7	<0.2
3854713	Soil	7	22	0.56	197	0.041	2	1.57	0.045	0.04	<0.1	0.42	15.4	<0.1	<0.05	6	2.0	<0.2
3854714	Soil	12	38	0.57	122	0.076	1	1.07	0.017	0.05	0.2	0.04	4.5	<0.1	<0.05	3	<0.5	<0.2
3854715	Soil	9	42	0.73	172	0.079	2	1.67	0.032	0.06	<0.1	0.36	12.7	<0.1	<0.05	5	0.6	<0.2
3854716	Soil	11	48	0.73	202	0.081	2	1.79	0.023	0.08	0.1	1.97	9.2	<0.1	<0.05	5	1.0	<0.2
3854717	Soil	12	22	0.09	165	0.013	2	0.27	0.044	0.43	<0.1	1.44	2.1	3.3	1.11	2	5.2	<0.2
3854718	Soil	11	27	2.04	499	0.262	2	2.41	0.019	0.04	<0.1	0.18	18.1	<0.1	<0.05	10	0.8	<0.2
3854719	Soil	11	46	0.75	220	0.098	3	1.95	0.019	0.08	<0.1	0.12	8.9	0.3	<0.05	5	1.5	<0.2
3854720	Soil	8	42	0.64	189	0.063	2	1.82	0.015	0.06	0.1	0.09	5.4	0.2	<0.05	5	0.9	<0.2
3854801	Soil	11	42	0.61	138	0.083	1	1.25	0.021	0.05	0.2	0.04	5.0	<0.1	<0.05	4	<0.5	<0.2
3854802	Soil	10	37	0.60	132	0.072	1	1.30	0.019	0.05	0.2	0.06	5.9	<0.1	<0.05	4	<0.5	<0.2
3854803	Soil	6	26	0.44	145	0.084	2	1.71	0.019	0.05	0.2	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
3854804	Soil	9	34	0.45	77	0.084	2	1.20	0.011	0.07	0.3	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
3854805	Soil	8	44	0.61	142	0.089	2	1.83	0.016	0.06	0.2	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
3854806	Soil	9	29	0.41	310	0.015	2	1.06	0.012	0.08	<0.1	0.25	12.4	0.2	<0.05	3	6.2	<0.2
3854807	Soil	12	41	0.64	157	0.076	2	1.36	0.019	0.05	0.2	0.04	5.0	<0.1	<0.05	4	0.8	<0.2
3854808	Soil	11	15	0.12	1133	0.003	1	0.62	0.005	0.07	<0.1	0.20	7.5	0.1	<0.05	1	3.3	<0.2
3854809	Soil	10	36	0.52	309	0.062	1	1.19	0.015	0.05	0.2	0.11	4.7	0.1	<0.05	4	0.5	<0.2
3854810	Soil	7	49	0.73	167	0.070	2	2.07	0.019	0.06	0.1	0.10	7.0	0.2	<0.05	5	0.9	<0.2
3854811	Soil	12	52	0.70	389	0.031	2	1.66	0.015	0.09	<0.1	0.90	10.5	0.8	0.08	5	3.1	<0.2
3854812	Soil	11	91	1.40	300	0.042	2	2.28	0.019	0.07	<0.1	0.15	10.7	0.5	<0.05	6	1.2	<0.2
3854813	Soil	9	37	0.61	211	0.054	2	1.49	0.015	0.06	<0.1	0.32	7.4	0.3	<0.05	4	1.2	<0.2
3854814	Soil	14	42	0.66	221	0.070	2	1.38	0.021	0.06	0.1	0.33	8.6	0.3	<0.05	4	1.1	<0.2
3854815	Soil	15	41	0.55	277	0.067	2	1.31	0.013	0.07	0.2	0.45	6.2	0.6	<0.05	4	2.0	<0.2
3854816	Soil	10	43	0.67	128	0.078	2	1.34	0.023	0.06	0.2	0.07	5.7	<0.1	<0.05	4	<0.5	<0.2
3854817	Soil	9	44	0.54	149	0.079	1	1.35	0.021	0.04	0.2	0.27	6.2	<0.1	<0.05	5	<0.5	<0.2
3854818	Soil	14	40	0.55	141	0.073	1	1.36	0.017	0.04	0.2	0.09	6.4	<0.1	<0.05	4	<0.5	<0.2
3854819	Soil	8	42	0.58	146	0.063	2	1.74	0.024	0.05	<0.1	0.27	6.7	<0.1	<0.05	5	<0.5	<0.2
3854820	Soil	7	54	0.84	124	0.079	2	1.98	0.019	0.07	0.1	0.09	6.4	<0.1	<0.05	6	0.6	<0.2

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
3854821	Soil	2.5	681.4	3.7	99	0.4	129.8	84.9	1384	16.64	2.1	0.4	3.4	0.6	91	0.2	0.2	<0.1	467	1.09	0.103
3854822	Soil	0.9	54.8	6.0	46	<0.1	35.5	14.4	579	3.40	11.4	0.8	10.8	3.7	30	<0.1	1.2	<0.1	94	0.65	0.076
3854823	Soil	1.3	67.8	5.6	65	<0.1	34.7	16.9	1077	4.83	9.7	1.1	2.7	3.4	30	<0.1	0.7	<0.1	124	0.61	0.110
3854824	Soil	12.9	50.9	9.3	145	0.4	42.8	14.1	492	5.12	13.2	0.5	3.2	1.5	22	1.4	1.5	0.2	97	0.35	0.035
3854825	Soil	0.6	41.6	5.2	42	0.1	29.3	13.6	400	2.95	8.1	0.4	2.6	2.8	76	0.1	0.8	<0.1	84	1.57	0.063
3854826	Soil	1.2	73.3	5.1	47	<0.1	32.5	14.3	472	3.27	9.3	0.7	103.3	3.0	29	0.1	0.8	0.1	97	0.53	0.061
3854827	Soil	0.9	49.6	4.7	46	0.2	37.9	16.0	427	3.72	9.8	0.4	1.4	2.1	26	<0.1	0.9	<0.1	118	0.41	0.040
3854828	Soil	0.8	51.3	4.7	41	<0.1	30.8	16.2	254	2.99	6.7	0.4	3.2	2.2	19	<0.1	0.6	0.1	94	0.30	0.012
3854829	Soil	0.7	18.8	6.4	33	<0.1	24.6	11.4	263	2.78	6.3	0.3	1.4	1.2	17	<0.1	0.5	0.1	94	0.28	0.036
3854830	Soil	0.7	47.9	4.7	40	<0.1	33.5	13.1	487	3.23	10.2	0.6	2.4	3.2	29	<0.1	0.8	<0.1	94	0.64	0.061
3854831	Soil	0.9	61.1	5.4	39	<0.1	34.4	15.5	410	4.02	10.7	0.7	2.4	2.7	30	<0.1	1.0	<0.1	127	0.62	0.018
3854832	Soil	0.7	23.3	4.4	38	<0.1	24.0	11.7	409	2.98	7.0	0.4	<0.5	1.9	24	<0.1	0.5	<0.1	94	0.46	0.023
3854833	Soil	0.7	31.4	4.5	34	<0.1	27.4	11.8	343	2.69	8.2	0.4	2.1	2.8	25	<0.1	0.7	<0.1	81	0.44	0.018
3854834	Soil	0.8	20.6	4.6	34	<0.1	23.9	8.7	239	2.71	9.7	0.4	1.2	2.4	18	<0.1	0.7	0.1	82	0.32	0.054
3854835	Soil	0.9	27.3	4.2	39	<0.1	24.6	12.3	352	3.01	7.4	0.3	0.9	1.4	26	<0.1	0.7	<0.1	96	0.48	0.035
3854836	Soil	0.8	37.3	4.4	27	<0.1	19.8	13.0	221	3.17	4.1	0.3	33.6	1.2	30	<0.1	0.3	<0.1	101	0.59	0.030
3854837	Soil	1.4	53.5	4.4	65	0.2	37.1	17.8	533	4.15	8.8	0.7	1.0	2.1	35	<0.1	0.8	<0.1	136	0.54	0.022
3854838	Soil	0.8	51.2	4.4	46	<0.1	38.6	17.8	477	4.01	11.9	0.5	4.4	2.8	39	<0.1	1.1	<0.1	108	0.68	0.074
3854839	Soil	0.7	44.6	3.9	38	<0.1	26.4	13.2	337	3.10	8.2	0.4	1.8	1.8	24	<0.1	0.7	<0.1	91	0.45	0.036
3854840	Soil	0.7	50.5	4.0	37	<0.1	29.1	14.1	288	3.73	10.8	0.4	1.4	2.2	24	<0.1	1.0	<0.1	115	0.40	0.010
3854841	Soil	0.8	35.8	4.6	39	<0.1	29.0	12.6	339	3.42	9.0	0.7	2.9	3.2	24	<0.1	0.8	0.1	92	0.44	0.021
3854842	Soil	0.7	30.8	4.2	37	<0.1	25.4	13.0	314	3.30	7.3	0.3	1.4	1.3	23	<0.1	0.7	<0.1	102	0.41	0.026
3854843	Soil	0.6	46.1	4.7	38	<0.1	25.0	9.8	314	2.41	6.1	0.5	1.4	3.0	23	<0.1	0.5	0.1	65	0.43	0.035
3854844	Soil	0.7	36.7	4.8	39	<0.1	34.5	10.6	400	2.47	8.7	0.6	3.1	3.7	24	<0.1	0.7	0.1	62	0.51	0.061
3854845	Soil	0.7	50.4	5.6	50	<0.1	40.6	17.3	814	3.79	8.6	1.0	2.8	3.5	32	<0.1	0.6	<0.1	104	0.67	0.077
3854846	Soil	0.9	69.5	4.2	47	<0.1	36.6	20.1	535	4.33	7.4	0.6	2.2	2.6	37	<0.1	0.7	<0.1	145	0.75	0.031
3854847	Soil	0.9	30.6	4.3	54	<0.1	23.3	13.2	363	2.62	3.7	0.3	1.4	2.0	19	<0.1	0.2	0.1	82	0.37	0.013
3854848	Soil	0.8	25.3	5.2	34	<0.1	28.5	10.8	313	2.56	7.0	0.5	1.0	2.4	21	<0.1	0.5	0.1	71	0.47	0.052
3854849	Soil	0.9	17.4	5.0	34	<0.1	20.6	10.1	247	2.69	5.7	0.4	3.6	2.2	19	<0.1	0.5	0.1	77	0.28	0.012
3854850	Soil	1.1	59.4	4.5	46	<0.1	48.0	18.8	468	4.40	8.5	0.5	2.9	2.9	29	<0.1	0.8	<0.1	146	0.58	0.024

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
3854821	Soil	11	107	1.94	147	0.102	3	5.63	0.085	0.02	<0.1	0.03	63.6	<0.1	0.13	13	13.2	0.5
3854822	Soil	15	47	0.76	212	0.067	1	1.69	0.022	0.05	0.1	0.06	9.1	<0.1	<0.05	5	<0.5	<0.2
3854823	Soil	16	44	0.80	191	0.062	2	1.80	0.018	0.04	<0.1	0.05	12.9	<0.1	<0.05	6	0.7	<0.2
3854824	Soil	7	39	0.49	393	0.044	2	1.83	0.017	0.11	0.2	0.04	5.4	0.2	<0.05	6	2.1	<0.2
3854825	Soil	11	44	0.81	96	0.092	3	1.33	0.026	0.08	0.2	0.06	7.6	<0.1	<0.05	4	1.5	<0.2
3854826	Soil	13	47	0.75	178	0.087	2	1.72	0.023	0.05	0.2	0.09	9.6	<0.1	<0.05	5	0.6	<0.2
3854827	Soil	7	54	0.75	203	0.087	2	2.18	0.018	0.07	0.1	0.07	7.3	<0.1	<0.05	6	<0.5	<0.2
3854828	Soil	7	45	0.60	142	0.089	1	1.92	0.014	0.03	0.1	0.08	4.3	0.1	<0.05	5	<0.5	<0.2
3854829	Soil	7	44	0.49	164	0.075	1	1.59	0.011	0.04	0.2	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
3854830	Soil	13	50	0.68	162	0.090	2	1.51	0.021	0.07	0.2	0.13	9.2	<0.1	<0.05	5	0.5	<0.2
3854831	Soil	14	56	0.67	151	0.102	2	2.09	0.021	0.06	0.1	0.34	14.1	<0.1	<0.05	6	0.5	<0.2
3854832	Soil	7	42	0.53	168	0.085	2	1.77	0.017	0.05	0.1	0.04	5.9	<0.1	<0.05	5	<0.5	<0.2
3854833	Soil	9	46	0.61	138	0.081	2	1.64	0.017	0.05	0.1	0.05	6.7	<0.1	<0.05	5	<0.5	<0.2
3854834	Soil	8	42	0.55	104	0.089	2	1.50	0.012	0.05	0.2	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
3854835	Soil	7	39	0.64	166	0.085	2	1.73	0.018	0.05	0.1	0.19	5.0	<0.1	<0.05	6	<0.5	<0.2
3854836	Soil	6	36	0.52	112	0.063	2	2.24	0.029	0.07	<0.1	0.05	8.0	<0.1	<0.05	6	<0.5	<0.2
3854837	Soil	10	50	0.81	179	0.155	2	2.25	0.029	0.22	0.1	0.11	11.5	0.1	<0.05	7	0.6	<0.2
3854838	Soil	11	55	0.85	131	0.083	2	1.67	0.022	0.09	0.1	0.09	8.9	<0.1	<0.05	5	0.5	<0.2
3854839	Soil	7	43	0.67	127	0.088	2	1.51	0.019	0.04	0.1	0.07	6.0	<0.1	<0.05	5	<0.5	<0.2
3854840	Soil	9	53	0.72	104	0.081	1	1.98	0.018	0.03	<0.1	0.09	8.2	<0.1	<0.05	5	<0.5	<0.2
3854841	Soil	12	51	0.61	150	0.095	1	1.81	0.020	0.04	0.2	0.13	8.9	<0.1	<0.05	5	<0.5	<0.2
3854842	Soil	5	45	0.59	158	0.076	2	1.79	0.016	0.03	0.1	0.06	5.0	<0.1	<0.05	5	<0.5	<0.2
3854843	Soil	11	42	0.56	128	0.084	1	1.14	0.017	0.04	0.2	0.05	6.0	<0.1	<0.05	4	<0.5	<0.2
3854844	Soil	13	42	0.63	138	0.072	2	1.21	0.018	0.04	0.2	0.06	5.8	<0.1	<0.05	4	<0.5	<0.2
3854845	Soil	16	54	0.88	268	0.072	1	1.85	0.021	0.06	<0.1	0.05	8.3	<0.1	<0.05	6	0.6	<0.2
3854846	Soil	10	53	1.15	205	0.136	2	2.16	0.077	0.05	<0.1	0.18	11.2	<0.1	<0.05	6	0.8	<0.2
3854847	Soil	7	41	0.75	129	0.139	1	1.52	0.015	0.07	0.1	0.02	5.9	<0.1	<0.05	6	<0.5	<0.2
3854848	Soil	8	40	0.61	141	0.072	1	1.39	0.014	0.05	0.2	0.06	4.0	<0.1	<0.05	4	<0.5	<0.2
3854849	Soil	7	40	0.51	182	0.078	1	1.67	0.013	0.03	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
3854850	Soil	7	63	0.92	172	0.107	2	1.97	0.027	0.05	0.1	0.14	7.9	<0.1	<0.05	6	1.0	<0.2

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
3854851	Soil	1.1	42.3	4.7	41	<0.1	30.3	14.6	285	3.85	6.5	0.4	0.9	2.1	23	0.1	0.7	<0.1	130	0.41	0.012
3854852	Soil	1.2	57.8	6.8	56	0.1	40.6	19.8	666	4.48	8.8	0.6	2.4	2.4	50	<0.1	0.7	<0.1	145	1.15	0.066
3854853	Soil	0.8	79.0	5.2	41	<0.1	31.0	15.6	480	3.38	8.4	0.5	2.5	2.3	20	<0.1	0.7	0.1	103	0.39	0.038
3854854	Soil	2.1	55.1	5.3	49	0.1	32.7	15.4	585	3.74	12.1	0.7	2.0	2.0	40	0.3	1.0	<0.1	99	0.99	0.074
3854855	Soil	2.9	41.4	4.4	78	<0.1	26.8	13.7	632	3.16	8.2	0.4	9.5	1.7	27	0.2	0.8	<0.1	99	0.52	0.059
3854856	Soil	0.9	87.1	4.7	48	<0.1	30.0	13.1	350	2.97	7.4	0.5	2.0	2.2	30	0.1	0.6	0.1	88	0.61	0.057
3854857	Soil	1.1	64.3	6.5	56	0.1	37.9	16.2	624	3.66	10.5	0.5	3.0	2.8	29	0.1	1.1	<0.1	102	0.63	0.075
3854858	Soil	1.4	33.9	5.3	85	0.2	30.2	10.7	324	3.13	6.9	0.4	3.6	1.9	16	0.4	0.5	0.1	82	0.20	0.023
3854859	Soil	1.3	81.8	2.6	84	0.1	29.0	23.0	997	5.64	8.1	0.3	1.1	1.1	48	0.2	0.8	<0.1	181	1.00	0.060
3854860	Soil	1.5	66.9	6.6	48	0.1	34.6	15.6	473	3.43	12.0	0.6	2.5	3.1	23	<0.1	1.5	0.1	98	0.39	0.050
3854861	Soil	3.9	65.3	7.0	51	0.3	37.0	15.7	390	4.05	35.5	0.6	4.3	2.9	21	0.2	2.2	0.1	114	0.38	0.059
3854862	Soil	6.4	94.5	3.7	134	0.1	40.1	23.9	1058	6.95	29.8	0.3	1.6	0.5	16	0.4	1.8	<0.1	188	0.39	0.065
3854863	Soil	0.9	25.4	5.0	38	<0.1	24.3	12.1	335	3.01	12.5	0.4	0.7	2.3	20	<0.1	0.7	0.1	80	0.37	0.044
3854864	Soil	1.1	33.9	4.7	54	<0.1	25.6	15.9	1614	3.70	9.1	0.5	1.3	2.1	24	0.2	1.3	0.1	112	0.49	0.064
3854865	Soil	0.8	30.5	5.1	35	0.1	25.2	9.2	301	2.22	7.3	0.5	2.6	2.4	17	<0.1	0.4	0.1	58	0.35	0.022
3854866	Soil	1.1	50.6	5.6	45	<0.1	36.6	15.7	522	3.37	8.2	0.5	1.2	2.3	25	<0.1	0.8	<0.1	93	0.70	0.035
3854867	Soil	0.8	40.5	5.2	41	<0.1	34.0	13.7	414	3.18	8.7	0.6	2.8	3.5	22	<0.1	0.7	0.1	95	0.46	0.055
3854868	Soil	1.7	60.2	5.1	50	0.1	34.0	17.1	440	3.87	8.8	0.5	1.7	2.6	26	0.2	0.6	0.1	119	0.50	0.060
3854869	Soil	83.3	298.0	22.0	322	1.5	90.8	10.0	659	17.71	37.1	4.5	2.4	1.8	72	1.0	5.0	0.1	503	0.53	0.160

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV
Report Date: August 24, 2023

CERTIFICATE OF ANALYSIS WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
3854851	Soil	6	52	0.70	112	0.112	1	2.07	0.020	0.06	<0.1	0.05	7.2	<0.1	<0.05	6	0.6	<0.2
3854852	Soil	9	60	1.01	125	0.111	3	1.77	0.033	0.07	0.1	0.14	9.3	<0.1	<0.05	6	1.3	<0.2
3854853	Soil	9	46	0.66	139	0.074	2	1.64	0.016	0.04	0.2	0.08	6.1	<0.1	<0.05	5	<0.5	<0.2
3854854	Soil	11	46	0.80	174	0.078	2	1.45	0.024	0.05	0.2	0.09	6.8	<0.1	<0.05	4	1.8	<0.2
3854855	Soil	8	47	0.75	135	0.082	2	1.45	0.018	0.08	0.1	0.09	5.8	<0.1	<0.05	5	0.8	<0.2
3854856	Soil	11	42	0.65	135	0.077	2	1.42	0.019	0.04	0.2	0.05	6.7	<0.1	<0.05	4	0.9	<0.2
3854857	Soil	11	50	0.77	157	0.075	2	1.37	0.023	0.06	0.1	0.17	8.8	<0.1	<0.05	4	0.6	<0.2
3854858	Soil	7	39	0.59	104	0.114	<1	2.13	0.012	0.05	0.2	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
3854859	Soil	8	51	2.34	256	0.142	1	3.53	0.150	0.35	<0.1	0.11	17.1	0.2	<0.05	10	1.1	<0.2
3854860	Soil	10	47	0.75	274	0.073	2	1.66	0.017	0.05	0.2	0.22	6.5	0.2	<0.05	5	0.8	<0.2
3854861	Soil	9	46	0.76	165	0.076	2	1.84	0.020	0.05	0.2	0.31	5.8	0.1	<0.05	5	2.2	<0.2
3854862	Soil	6	44	2.52	401	0.018	<1	2.87	0.004	0.10	<0.1	0.37	19.9	0.2	<0.05	9	1.7	<0.2
3854863	Soil	8	39	0.62	96	0.081	2	1.44	0.016	0.06	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
3854864	Soil	7	51	0.81	149	0.097	1	1.52	0.017	0.06	0.2	0.10	5.5	<0.1	<0.05	5	0.6	<0.2
3854865	Soil	9	38	0.46	125	0.083	1	1.35	0.012	0.07	0.2	0.03	3.9	<0.1	<0.05	4	<0.5	<0.2
3854866	Soil	9	54	0.86	112	0.092	2	1.69	0.018	0.06	0.2	0.09	6.5	<0.1	<0.05	5	0.7	<0.2
3854867	Soil	11	51	0.72	165	0.079	1	1.56	0.014	0.05	0.1	0.08	6.3	<0.1	<0.05	5	0.5	<0.2
3854868	Soil	8	48	0.74	175	0.077	1	2.15	0.022	0.06	0.1	0.07	7.2	<0.1	<0.05	6	0.9	<0.2
3854869	Soil	23	43	0.37	321	0.016	3	1.36	0.036	0.19	0.5	0.79	11.6	1.1	0.65	7	12.9	<0.2

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

Project: LIV

Report Date: August 24, 2023

QUALITY CONTROL REPORT WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
3854680	Soil	0.8	65.6	4.8	50	<0.1	42.0	17.1	702	3.94	11.5	0.4	2.4	2.3	37	<0.1	1.0	<0.1	102	0.85	0.070
REP 3854680	QC	0.8	64.3	4.9	50	<0.1	42.0	17.2	690	3.99	11.3	0.5	2.6	2.4	37	<0.1	1.0	<0.1	103	0.87	0.071
3854716	Soil	2.2	72.4	5.6	57	<0.1	38.9	17.1	547	3.88	11.0	0.9	1.7	2.7	29	0.1	0.9	0.1	110	0.63	0.045
REP 3854716	QC	2.2	73.5	5.6	58	<0.1	39.3	16.9	556	3.86	10.9	0.8	2.2	2.7	30	0.1	0.9	0.1	111	0.66	0.045
3854832	Soil	0.7	23.3	4.4	38	<0.1	24.0	11.7	409	2.98	7.0	0.4	<0.5	1.9	24	<0.1	0.5	<0.1	94	0.46	0.023
REP 3854832	QC	0.7	24.6	4.4	39	<0.1	24.8	12.2	426	2.99	7.2	0.4	0.9	1.9	25	<0.1	0.6	<0.1	97	0.45	0.022
3854864	Soil	1.1	33.9	4.7	54	<0.1	25.6	15.9	1614	3.70	9.1	0.5	1.3	2.1	24	0.2	1.3	0.1	112	0.49	0.064
REP 3854864	QC	1.1	33.5	4.7	54	<0.1	25.7	15.8	1629	3.68	9.2	0.5	4.2	2.1	24	0.2	1.3	<0.1	109	0.48	0.063
Reference Materials																					
STD DS11	Standard	14.1	144.7	134.1	338	1.7	79.2	13.6	993	3.13	43.5	2.5	79.4	7.4	66	2.3	7.8	10.4	49	1.02	0.072
STD DS11	Standard	14.4	144.6	128.9	340	1.7	81.6	13.8	1009	3.14	43.7	2.4	91.4	7.1	69	2.3	7.8	10.7	50	1.01	0.070
STD DS11	Standard	13.9	142.6	127.4	334	1.7	77.5	13.5	1008	3.08	42.2	2.4	94.6	7.0	65	2.2	7.5	10.7	51	1.03	0.069
STD DS11	Standard	14.3	144.2	132.6	337	1.6	78.9	13.5	1024	3.18	43.5	2.5	75.9	7.5	67	2.3	7.9	11.2	51	1.05	0.069
STD OREAS262	Standard	0.6	114.8	54.3	160	0.5	66.7	27.8	555	3.51	37.0	1.2	58.4	8.9	35	0.6	4.6	0.9	24	3.07	0.040
STD OREAS262	Standard	0.7	121.2	56.2	164	0.5	67.0	28.6	557	3.51	37.9	1.2	61.0	9.1	36	0.7	4.7	1.0	24	3.09	0.040
STD OREAS262	Standard	0.6	114.9	53.0	152	0.4	62.4	27.3	530	3.32	35.8	1.1	62.5	8.5	34	0.6	5.0	0.9	23	2.95	0.039
STD OREAS262	Standard	0.7	116.0	53.3	156	0.5	67.6	28.1	536	3.42	37.0	1.1	64.2	8.8	36	0.6	5.3	0.9	24	3.05	0.041
STD DS11 Expected		14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
STD OREAS262 Expected		0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98	0.04
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

Client: **Ryan Burke**
201 - 508 Wood St.
Whitehorse Yukon Y1A 2G1 Canada

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bvna.com/mining-laboratory-services

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Project: LIV
Report Date: August 24, 2023

QUALITY CONTROL REPORT WHI23000214.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
3854680	Soil	11	45	0.84	171	0.081	2	1.49	0.027	0.05	0.1	0.19	10.5	<0.1	<0.05	5	<0.5	<0.2
REP 3854680	QC	11	44	0.84	172	0.083	2	1.51	0.027	0.05	0.1	0.18	10.5	<0.1	<0.05	5	<0.5	<0.2
3854716	Soil	11	48	0.73	202	0.081	2	1.79	0.023	0.08	0.1	1.97	9.2	<0.1	<0.05	5	1.0	<0.2
REP 3854716	QC	11	48	0.75	204	0.082	2	1.84	0.024	0.08	0.1	0.34	9.5	0.1	<0.05	5	1.0	<0.2
3854832	Soil	7	42	0.53	168	0.085	2	1.77	0.017	0.05	0.1	0.04	5.9	<0.1	<0.05	5	<0.5	<0.2
REP 3854832	QC	7	44	0.55	164	0.092	2	1.82	0.018	0.06	0.1	0.04	5.8	<0.1	<0.05	5	<0.5	<0.2
3854864	Soil	7	51	0.81	149	0.097	1	1.52	0.017	0.06	0.2	0.10	5.5	<0.1	<0.05	5	0.6	<0.2
REP 3854864	QC	7	51	0.78	151	0.095	1	1.54	0.017	0.06	0.2	0.03	5.5	<0.1	<0.05	5	0.6	<0.2
Reference Materials																		
STD DS11	Standard	18	58	0.84	348	0.089	7	1.13	0.077	0.39	2.9	0.25	3.0	4.7	0.29	5	2.3	4.4
STD DS11	Standard	18	59	0.84	352	0.093	7	1.11	0.072	0.38	2.8	0.26	3.1	4.7	0.27	5	2.3	4.6
STD DS11	Standard	17	58	0.84	346	0.095	7	1.14	0.074	0.38	2.8	0.26	3.1	4.7	0.37	5	2.5	4.7
STD DS11	Standard	19	60	0.84	361	0.094	7	1.14	0.077	0.39	2.7	0.27	3.1	4.7	0.30	5	2.4	4.7
STD OREAS262	Standard	17	46	1.19	234	0.003	4	1.33	0.067	0.32	0.2	0.17	3.2	0.5	0.28	4	0.7	0.2
STD OREAS262	Standard	18	46	1.22	247	0.003	4	1.35	0.070	0.32	0.2	0.18	3.2	0.5	0.28	4	0.7	0.3
STD OREAS262	Standard	16	44	1.16	236	0.003	4	1.27	0.066	0.30	0.2	0.17	3.1	0.4	0.36	4	0.6	0.2
STD OREAS262	Standard	18	46	1.19	236	0.003	4	1.36	0.069	0.33	0.2	0.15	3.2	0.5	0.29	4	0.7	0.3
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56
STD OREAS262 Expected		15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2