

2017 Field Season

**Geochemical Sampling And Prospecting Report
For The
ORTRA YMIP
17-012**

**Located In
Dawson Mining District**

**By
Bernie Kreft
January 12th, 2018**

Location – The ORTRA (One Regional To Rule All) Project consisted of a series of 3 exploration targets (Lena, Gem and TJOP Recce) located in the Dawson Mining District on NTS mapsheet 115-N, O and 116-B respectively and roughly centred on Reindeer Mountain which is located at approximately 63° 36' north and 139° 21' west.

Access – Access to each of the projects was achieved by helicopter from Dawson City. There are numerous placer mining or other roads which come close to each of the targets which could be of significant benefit for mobilizing equipment or crews for follow-up or expanded mineral exploration programs.

Topography And Vegetation – The project lies within the un-glaciated Klondike Plateau, which is characterized by low rolling hills dissected by deeply incised stream valleys. This region experienced strong surficial weathering during the early and mid-Tertiary, as a result, bedrock exposure is extremely limited with the effects of surface weathering extending to depths of as much as 80 metres or more. Overburden and regolithic material will likely average about 1-2 metres in most areas, thereby allowing for effective soil sampling (via hand held augers) and hand trenching. Permafrost is widespread on north facing slopes, and in shaded low lying areas. Although snow cover is mostly gone by early May, frost does not leave the ground sufficiently for exploration purposes such as soil sampling until about late May on south facing slopes to mid-July for north facing slopes. The project is below tree line, higher elevations are covered by mixed spruce, birch, poplar and brush, with tree cover generally increasing at lower elevations and on south facing slopes, with brush and stunted trees predominating on north facing slopes, at higher elevations and in areas of permafrost.

Claims And Land Status – Numerous quartz claims were staked in the area during the White Gold staking rush and subsequent exploration “boom” that followed. Although numerous active claims remain in the area, the project was focused entirely on open Crown land. The project is located within Trondek Hwichin (Dawson) traditional territory, with no active First Nation land claim blocks in the areas prospected.

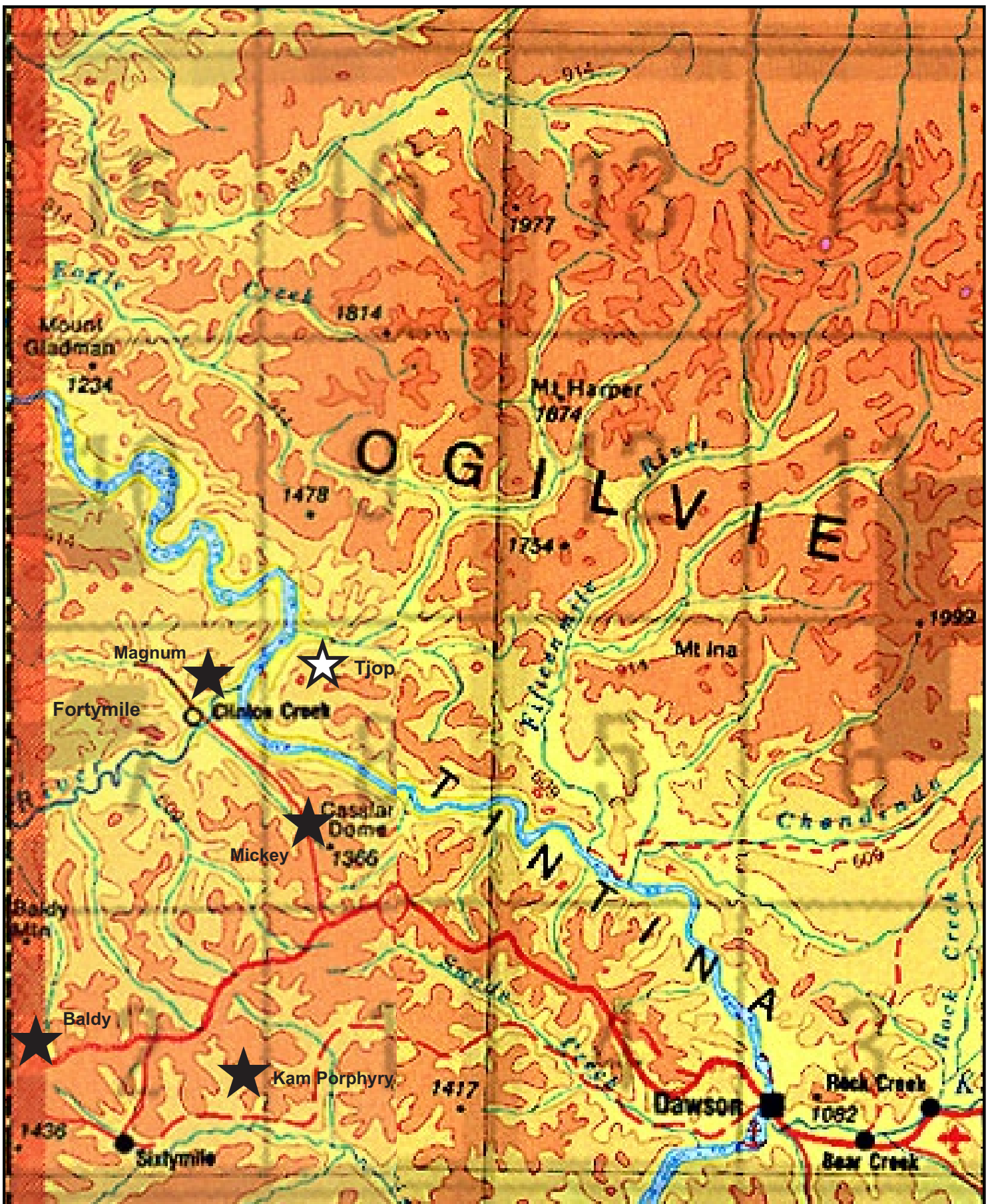
Economic Geology And Target Types – The project was focused base metal potential within the White Gold District. During the 2008-2012 White Gold Rush abundant exploration work was completed, the vast majority of which was focused almost entirely on the gold potential of the area. The main exploration vectoring method used was soil sampling, and although numerous potentially significant base metal anomalies were identified, none of the anomalies appear to have been followed up due to the gold-only focus of most companies. Geology of the area is thought to be permissive for numerous base metal target types including:

VMS – The Dawson area, including much of the White Gold District is underlain by rocks of the Yukon Tanana Terrane and therefore should be considered highly favorable for VMS style mineralization. A cluster of VMS deposits and mines in the Finlayson District, 450 km to the southeast are hosted in the same Yukon Tanana Terrane stratigraphy, specifically Devonian to Mississippian volcanics. VMS deposits in the Finlayson include Kuroko style Zn-Pb-Cu-Ag-Au deposits, Besshi style Cu-Co-Au+/-Zn types and Cyprus type Cu +/- Zn-Co-Au and occur over a broad time interval. Certain parts of the Dawson area and the Finlayson District are believed to have been linked as part of a concurrent back-arc/basinal environment prior to displacement along the Tintina Fault. The recent discovery by Arcus Developments of VMS style mineralization within Devonian to Mississippian felsic to mafic volcanics at the Touleary Property helps confirm potential for this deposit type within the White Gold District. Diamond drilling results at Touleary include 2.25 metres of 7.18% Cu, 4.3% Zn, 116 g/t Ag and 3.55 g/t Au. Numerous historical Kuroko style VMS targets or anomalies occur in the Dawson area, particularly in the Fortymile (Baldy, Pub etc) and Matson Creek (Bored) areas, within what is currently mapped as Permian aged Klondike Schist. The majority of work accomplished on these targets was conducted from 1994-1998 concurrent with the original Finlayson Lake rush. Although numerous moderate to high intensity soil anomalies were outlined only limited drilling was completed and no significant drill intersections were reported.



ORTRA Project ★

To Accompany: 2018 ORTRA Report	January 12th, 2018
By: Bernie Kreft	Figure 1



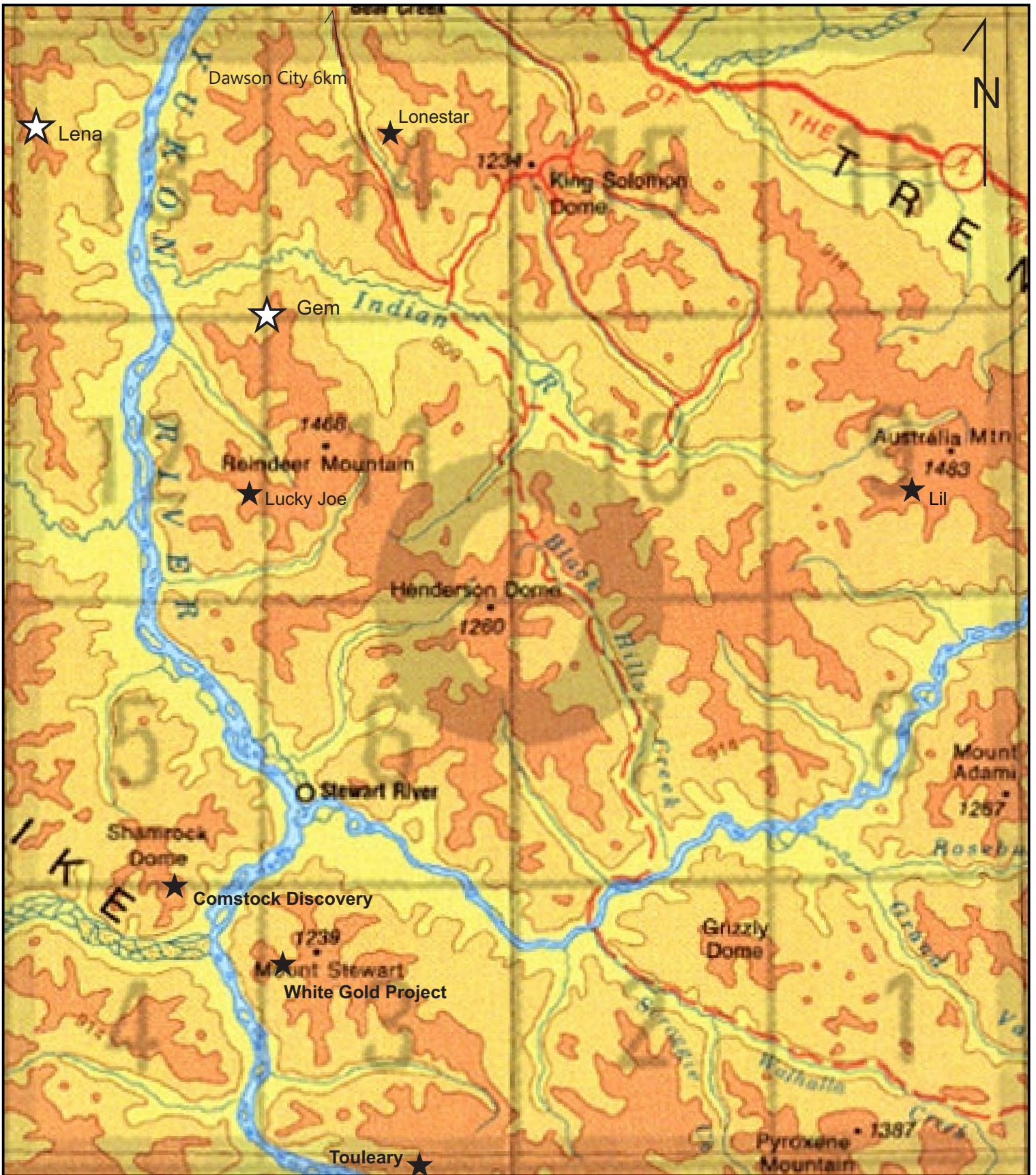
ORTRA Focused Regional Project
 116-C (east half) and 116-B (west half)
 1:500,000 (approximately)

ORTRA Tjop Target Area



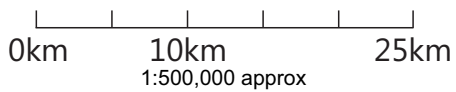
Other Projects Of Interest





ORTRA Project Targets ☆
 Other Targets Of Interest ★

By: Bernie Kreft January 12th, 2018



115-O Figure 3

Lucky Joe Type – Lucky Joe is a bulk-tonnage copper-gold target within and adjacent to presumed Simpson Range Devonian-Mississippian biotite bearing and altered granodioritic orthogneiss. The mineralized zone was defined over an 800 m strike length by 200 m wide and 30 m thick. Copper grades ranged from 0.35 to 0.6% over 20 to 30 m intervals with the best interval recorded being 0.95% copper over 5.2 m. Gold was shown to have close to a 1:1 correlation with copper. When copper assays are in the 0.95% range, gold values are in the 0.8 to 0.9 g/t range. Recent work has identified several multi-kilometric scale Cu-Au soil anomalies and suggest a high temperature geological model for the mineralization with the system being either a Cu-Au porphyry deposit or a version of the IOCG model.

Porphyry Copper – During 2011 Rackla Metals encountered a blind Cretaceous (Casino Suite?) Cu-Mo porphyry target while exploring for epithermal style mineralization in the Sixtymile River area. Drill results of up to 542 ppm Cu and 41 ppm Mo over 271.27m were returned from a potassic and sericitically altered feldspar porphyry body. Also in the Sixtymile River area on the Kam property, 0908937 BC Ltd encountered metamorphosed Cu-Au-Ag-Mo mineralization within Devonian to Mississippian mafic orthogneiss. This 2012 discovery has yielded grab sample results of up to 0.48% copper and 1.406 g/t Au. Porphyry copper potential is also thought to exist within mid-Triassic Sulphur Creek orthogneiss (Don Murphy pers. comm.).

Sedex Deposits – The Argus deposit, located in the Finlayson District, is a sedex target hosted by Devonian aged quartzite and lesser limestone. Grab samples have returned up to 2.9% Pb, 26.9% Zn and 53 ppm Ag. Similar sedex type mineralization has been located within Nasina Series rocks in the Fortymile area of the White Gold district. Although numerous moderate to high intensity anomalies were outlined on the various targets (Mickey, Mort etc) only limited drilling was completed and no significant intersections were encountered possibly due to levels of surficial oxidation and leaching extending deeper than the limited shallow drilling completed.

Related Deposit Types – As noted above, the White Gold District should be considered excellent prospecting ground for porphyry copper and hybrid (Lucky Joe, Minto?) porphyry copper targets as well as Sedex and VMS style deposits. Base metal rich deposit types commonly found associated with copper porphyry deposits include copper/polymetallic skarn and replacement type deposits as well as copper/polymetallic breccia, vein and stockwork zones. VMS type deposits are often associated with discordant (typically copper +/- gold rich) stockworks and/or alteration zones which form below the seafloor.

See below for a short table covering soil sample thresholds and geology from select base metal targets located in the White Gold district:

Name	Deposit Type	Geology	Threshold Values For Soils (ppm)
Baldy	Kuroko VMS	Klondike Schist	Cu:41-79-152, Pb:47-109-255, Zn:201-279-304
Touleary	Besshi? VMS	Devono-Miss volcanics	Cu: 50-100 = anom, 100+ = highly anom, 181 = max
Lucky Joe	Cu-Au porphyry	Simpson Range orthogneiss	Cu: 90 th %ile = 140, 96% = 305, 99% = 1105
Kam	Cu-Au porphyry	Devono-Miss mafic gneiss	Cu: +79.6 anom, +164.1 highly anom, 1399 max
Mickey	Sedex Zn-Pb-Ag	Devono-Miss quartzite	Pb: +42,+142, 706; Zn: +107, +184, 750; anom to max

Target Identification Procedure – A large in-house data capture program was conducted during the winter of 2016-17. This work focused on compiling soil sample data for areas of the White Gold District which were staked and explored during the 2008-12 White Gold Rush, but have subsequently lapsed. A total of 53 assessment reports and YMIP/YMEP reports were reviewed, 16 of which were found to contain valuable data consisting of assays for 14,437 regional scale ridge and spur soil samples (generally at 50-100m spacings) which were subsequently compiled into a master excel database. Filtering and rating of the assays was conducted with a specific focus on elements thought to be common to the base metal target types potentially existing within the target area. Elements chosen in decreasing order of importance were: Cu-Zn-Au-Ag-Pb-Ba. The elemental values were given a rate of from 1-7 depending on their importance and actual

value. To help further filter the data, extremely high values of Ni and Cr were assigned negative values as these elements were thought to represent weathering ultramafic or serpentinite bodies which commonly have a high background in copper and zinc but no real potential for the deposit types sought. See below for an example table and description of the filtering process used.

Ag	Au	Ba	Cr	Cu	Mo	Ni	Pb	Zn	Ag	Au	Ba	Cr	Cu	Mo	Ni	Pb	Zn	Rating
0.50	2.5	1633	39	77.2	5.9	64.8	95.5	254	1	0	3	0	1	2	-1	2	2	10.0
<0.1	1.3	64	102	76.7	0.7	62.5	4.4	35	0	0	0	0	1	0	0	0	0	1.0
0.20	2.3	1030	118	75.8	1.3	94.4	10.1	103	0	0	2	0	1	0	-1	0	0	2.0
<0.1	<0.5	400	63	74.5	2.7	43.0	8.3	139	0	0	0	0	1	1	0	0	0	2.0
0.20	3.7	321	63	74.4	0.8	29.1	8.7	68	0	0	0	0	1	0	0	0	0	1.0
<0.1	1.3	565	382	73.7	0.3	91.5	2.8	53	0	0	1	-2	1	0	-1	0	0	-1.0
0.90	1.7	148	33	73.6	1.5	2.7	9.7	93	2	0	0	0	1	0	0	0	0	3.0
0.70	2.2	553	34	73.4	6.4	65.8	21.7	262	2	0	1	0	1	2	-1	0	2	7.0
1.20	1.7	738	40	72.5	4.0	40.8	17.8	88	3	0	1	0	1	1	0	0	0	6.0
<0.1	1.9	631	48	71.9	0.5	22.8	5.7	137	0	0	1	0	1	0	0	0	0	2.0
0.30	2.6	1604	40	71.7	7.3	79.2	21.4	305	1	0	3	0	1	2	-1	0	2	8.0
0.20	10.3	454	33	70.4	0.6	21.0	14.9	51	0	1	0	0	1	0	0	0	0	2.0

- 1) Ag-Ba-Mo-Pb-Zn were filtered as follows: 2x average and above = green, above average of those yellow, and above average of those red; 1 point for green, 2 for yellow and 3 for red.
- 2) Au was filtered as follows: 10-18 ppb = grey, 19-29 ppb = green, 30-49 ppb = yellow and 50+ ppb = red; 1 pt for grey, 2 for green, 3 for yellow and 4 for red.
- 3) Cu, given that it occurs in the most geological settings (VMS, PPY, Skarn etc) was given the following filter: 2x average = grey, above average of those green, above average of those yellow and above average of those red; 1 point for grey, 3 for green, 5 for yellow and 7 for red.
- 4) Ni-Cr were filtered as follows: 2x average = green, above average of those yellow, and above average of those red; for Cr minus 1 point for yellow and minus 2 points for red; for Ni minus 1 point for green, minus 2 for yellow and minus 3 for red.
- 5) The Rating column was then subsequently filtered as follows: above average of the data-set = 1-2 points = grey, above average of those = 3-4 points = green, above average of those = 5-6 points = yellow, and above average of those = 7 points or above = red

Ratings were further assessed by paying particular attention to samples that include 99th percentile or higher values for copper (136.4 ppm) and/or zinc (229 ppm) which are the elements most common to the various deposit target types sought.

Using this rating system and the 14,437 sample database, a total of 10 priority targets with 99th percentile values for at least one if not both, copper and zinc, as well as strong support from the accessory elements used to filter, were identified within the project area. Three of these target areas were explored during the 2017 field season:

Tjop Recce Target – During 1995 Cominco staked and explored a large area along the south side of the Coal River for its potential to host VMS style Cu-Pb-Zn mineralization. Although several anomalous zones were encountered, and the Devono-Mississippian siliciclastic and meta-volcaniclastic rocks present were thought to be permissive for VMS style deposits, no further work was conducted and the claims were allowed to lapse. During 2012 the author explored the same area for gold potential using stream sediment sampling and prospecting. Although no significant gold anomalies were encountered by the 2012 silt sampling program, the only soil sample taken (from a possible kill-zone) yielded 99th percentile values for Zinc to 378 ppm, Pb to 149 ppm, Ag to 2.4 ppm along with moderate to highly anomalous amounts of Mo-

Cu-Au. Based on the combination of extremely high Zn-Pb-Ag values in soil, the presence of geology favourable for VMS type deposits and the activities of Cominco, it was concluded that the Kreft 2012 soil sample anomaly is a target of merit and worthy of follow-up work.

The 2017 program consisted of a one-day 3-person helicopter supported prospecting, sampling and limited claim staking (4 claims) program focusing on the general area of the anomalous sample from the 2012 fieldwork. This work located 2 areas of interest approximately 850 metres apart. The northern area consists of a large outcrop, recently exposed by fluvial action, of variably quartz, iron-carbonate and mariposite altered bedrock. Sampling at this site yielded a total of 6 rock samples and 3 soil samples which returned weakly anomalous values of up to 0.021 ppm gold from a soil sample and a peak of 317 ppm arsenic from a rock sample. The southern area, which corresponds to the 2012 soil sample anomaly, consists of a 375m long section of a contour sample line and miscellaneous rock and soil samples from the immediate vicinity of the 2012 anomaly yielding a total of 12 soil samples and 8 rock samples. Gold in soil values range from 0.019 ppm to 0.059 ppm and average 0.031 ppm Au along with As to 392 pm, while rock sample values returned up to 0.013 ppm Au and 175 ppm As. Occasionally anomalous values for Zn, Sb and Pb are also found within the soil samples from this area. Geology consists of a weakly carbonate altered occasionally brecciated schistose metavolcanic and lesser metasediments cut by rare quartz carbonate veins mineralized with trace pyrite.

Conclusions And Recommendations – Limited sampling and prospecting has encountered a Au-As-Zn-Sb-Pb soil anomaly, possibly representing poly-metallic gold veins or stockworks, within a geological setting thought to be permissive for motherlode style gold mineralization. Further prospecting and soil sampling is recommended to help expand on this open-ended soil anomaly.

Lena Target – During 2010 Ryan Gold Corp conducted a regional exploration program designed to explore for gold potential in the lower Sixtymile River area. No significant gold anomalies were encountered and all claims were allowed to lapse. A review of the soil geochemical data pertaining to the Ryan Gold Lena Target work identified several soil sample sites containing 99th percentile values for Zn to 1045 ppm Pb to 2771 ppm, Cu to 234.7 ppm along with moderate to highly anomalous Ag and lesser Ba-Mo. Geology underlying the anomalous areas consists of Devono-Mississippian orthogneiss that represents the sub-volcanic intrusive root of the Finlayson district volcanics. It should be noted that the possibility for large un-mapped rafts or islands of favourable volcanic stratigraphy overlying the root gneisses in the heavily overburden covered White Gold District is considered good (Don Murphy pers comm). Based on the presence of extremely high Zn-Pb-Cu and moderate to highly anomalous Ag-Ba-Mo values in soil and geology potentially permissive for VMS type deposits, it was concluded that the Ryan Gold soil sample anomalies are a target of merit and worthy of follow-up work.

The 2017 program consisted of a half-day 3-person helicopter supported prospecting and sampling program yielding a total of 11 soil samples and 2 rock samples from a small grid centred on a Ryan Gold soil sample that returned 0.7 ppm Ag, 106.9 ppm Cu, 2,771 ppm Pb and 757 ppm Zn. A 2017 soil sample (BLED-01) taken at the reported location of the anomalous Ryan Gold sample returned 1.2 ppm Ag, 164.6 ppm Cu, 1,509 ppm Pb and 713 ppm Zn which confirms the highly anomalous metal values previously reported at this site. A soil sample (LJBD-02) located approximately 50 metres to the south returned 8.2 ppm Ag, 206 ppm Cu, 769.9 ppm Pb and 957 ppm Zn. Geology consists of Devono-Mississippian orthogneiss and variably carbonate altered mafic volcanic dykes or lenses.

Conclusions And Recommendations – Limited sampling and prospecting has encountered a moderate to intense Ag-Pb-Zn-Cu soil anomaly, possibly representing poly-metallic veins or stockworks likely hosted by orthogneiss close to a presumed contact with carbonate altered mafic volcanics. Further prospecting and soil sampling is recommended to help expand on this open-ended soil anomaly.

Gem Target – During 2011 Ryan Gold Corp staked and explored a large area in the Ruby Mountain area south of Dawson. Work was directed towards the properties potential to host Lucky Joe type mineralization. No significant Lucky Joe type targets were encountered and all claims were allowed to lapse. A review of the available soil geochemical data pertaining to the 2011 Ryan Gold work identified numerous soil sample sites containing 99th percentile values for Zn to 4145 ppm, Cu to 254.4 ppm, Ba to 1495 ppm and Ag to 2.2 ppm along with weakly to moderately anomalous values for Mo. Geology consists of Devono-Mississippian Nasina Series graphitic quartzite, quartz-mica schist and meta-chert. Given that the typical location for VMS deposits is at the top of the felsic volcanic sequence, within a sequence of volcanoclastic tuffaceous epiclastics, cherts, sediments or perhaps fine tuffs and that the Nasina series has demonstrated VMS potential in the Yukon and adjacent portions of Alaska it is felt that the previous workers on this property failed to evaluate the geology and soil geochemistry in the context of a VMS style target. Further supporting this theory is that during 2003 Shawn Ryan located a “pyrite rich horizon” anomalous in zinc and copper approximately 1.7 kilometres to the southeast of the 2011 soil sample with highly anomalous values for Zn-Cu-Ba-Ag. Based on the geological setting, elemental signature of the soil sample anomalies and presence of a pyrite rich horizon anomalous in zinc and copper it is felt that the area has excellent potential for VMS style mineralization and that further work designed to evaluate the high intensity Ryan Gold Zinc poly-metallic soil anomalies is justified.

The 2017 program consisted of a half-day 3-person helicopter supported prospecting and sampling program yielding a total of 30 soil samples and 6 rock samples from miscellaneous prospecting efforts and a small grid centred on the Ryan Gold soil sample that returned 4145 ppm Zn, 254.4 ppm Cu, 1495 ppm Ba and 2.2 ppm Ag. Soil sampling returned peak values of 575 ppm Zn and 215.4 ppm Cu (separate samples) but the original anomaly of 4,145 ppm Zn was not reproduced, most values were much lower and no anomalous trends were identified. Geology consists of Nasina series schist and minor amounts of mafic volcanic float.

Conclusions And Recommendations – Detailed sampling and prospecting failed to confirm the highly anomalous zinc value from the Ryan Gold work and no further work is recommended at this site.

Project Expenditures

Helicopter 3.3 hours	=	\$4,252.37
Assaying 59 soils and 22 rocks	=	\$1,834.80
Wages Joel Wynnyk 3 days x \$300/day	=	\$900.00
Wages B.Kreft 3 days x \$350/day	=	\$1,050.00
Wages Justin Kreft 3 days x \$350/day	=	\$1,050.00
Food and Camp 9 man days \$100/day	=	\$900.00
Truck Travel round trip Whitehorse to Dawson 1024km x \$0.60/km	=	\$614.40
Report Prep, binding and duplication	=	<u>\$1,800.00</u>
	TOTAL	= \$12,401.57

Statement Of Qualifications

I Bernie Kreft directed and participated in the exploration work described herein.

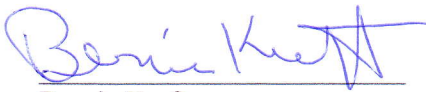
I have 31 years prospecting experience in the Yukon and BC.

This report is based on fieldwork directed or conducted by the author, and includes information from various publicly available assessment reports.

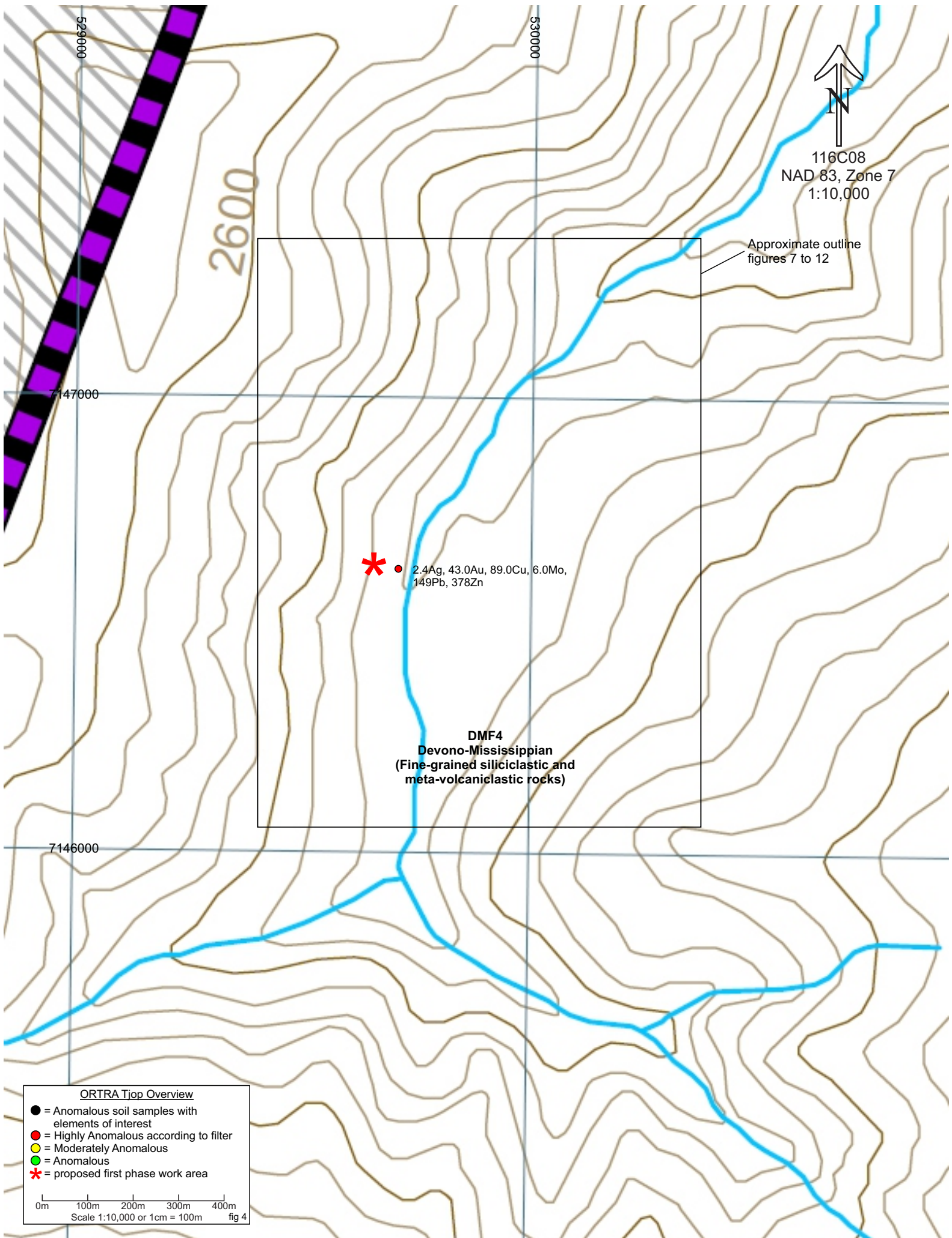
This report is based on fieldwork completed during the 2017 field season.

This report is based on fieldwork completed on the ORTRA Project

Respectfully submitted,



Bernie Kreft



116C08
 NAD 83, Zone 7
 1:10,000

Approximate outline
 figures 7 to 12

* ● 2.4Ag, 43.0Au, 89.0Cu, 6.0Mo,
 149Pb, 378Zn

DMF4
 Devono-Mississippian
 (Fine-grained siliciclastic and
 meta-volcaniclastic rocks)

ORTRA Tjop Overview

- = Anomalous soil samples with elements of interest
- = Highly Anomalous according to filter
- = Moderately Anomalous
- = Anomalous
- * = proposed first phase work area

0m 100m 200m 300m 400m
 Scale 1:10,000 or 1cm = 100m fig 4

241000

241500



116-C-08

Scale: 1:5,000

7158000

7157500

7157000

TWAD-02
TWAD-01
BJPR-01,02,03
BJPR-04
TR-01,02

TWAD-04

TWAD-05

TWAD-06

TWAD-07

TWAD-08

TWAD-09

TWAD-10
BJPR-05,06,07,08,09,10,11,12

TWAD-11

TWAD-12

TWAD-13

TWAD-14

TWAD-15

TWAD-16

TWAD-17

BJPD-01

TJOP Sample Label Map

Soils (ppm Au)

- 0.000 - 0.010
- 0.011 - 0.018
- 0.019 - 0.030
- 0.031 - 0.049
- 0.050 - 0.059

Rocks (ppm Au)

- 0.000 - 0.249
- 0.250 - 0.499
- 0.500 - 1.500

TJOP Claim Outline

0 80 160 m



241000

241500



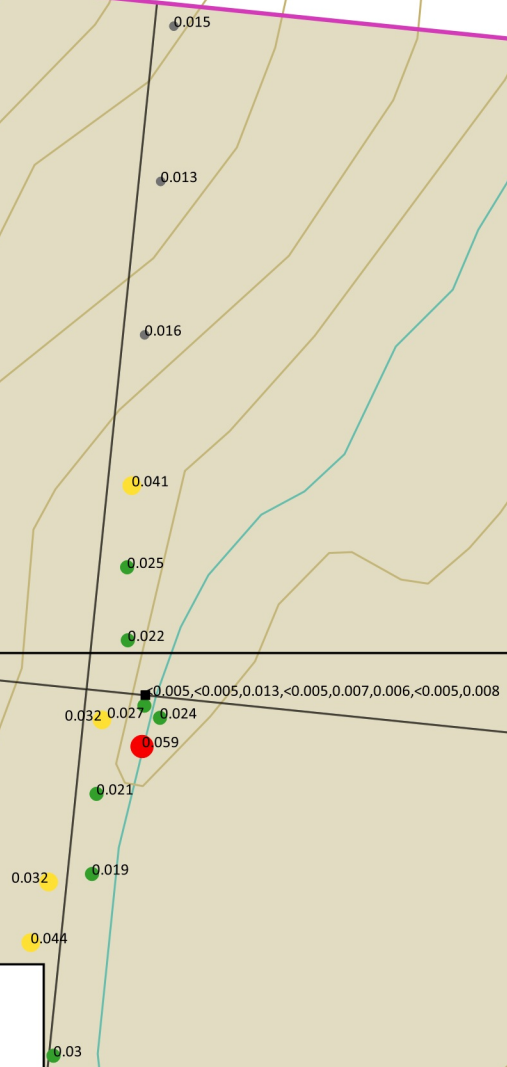
116-C-08
Scale: 1:5,000

0.019
0.013 0.021
0.005, <0.005, <0.005
<0.005 0.007, <0.005

7158000

7157500

7157000



TJOP Au Map

Soils (ppm Au)

- 0.000 - 0.010
- 0.011 - 0.018
- 0.019 - 0.030
- 0.031 - 0.049
- 0.050 - 0.059

Rocks (ppm Au)

- 0.000 - 0.249
- 0.250 - 0.499
- 0.500 - 1.500

— TJOP Claim Outline

0 80 160 m

241000

241500



116-C-08
Scale: 1:5,000

7158000

7157500

7157000

81, 55, 106, 26, 04,16,264, 17,313

77, 25, 31, 147, 93, 84, 7, 31, 98, 52, 5, 51, 5, 175, 268, 105, 127, 392, 180, 111, 134, 277, 104

TJOP As Map

Soils (ppm As)

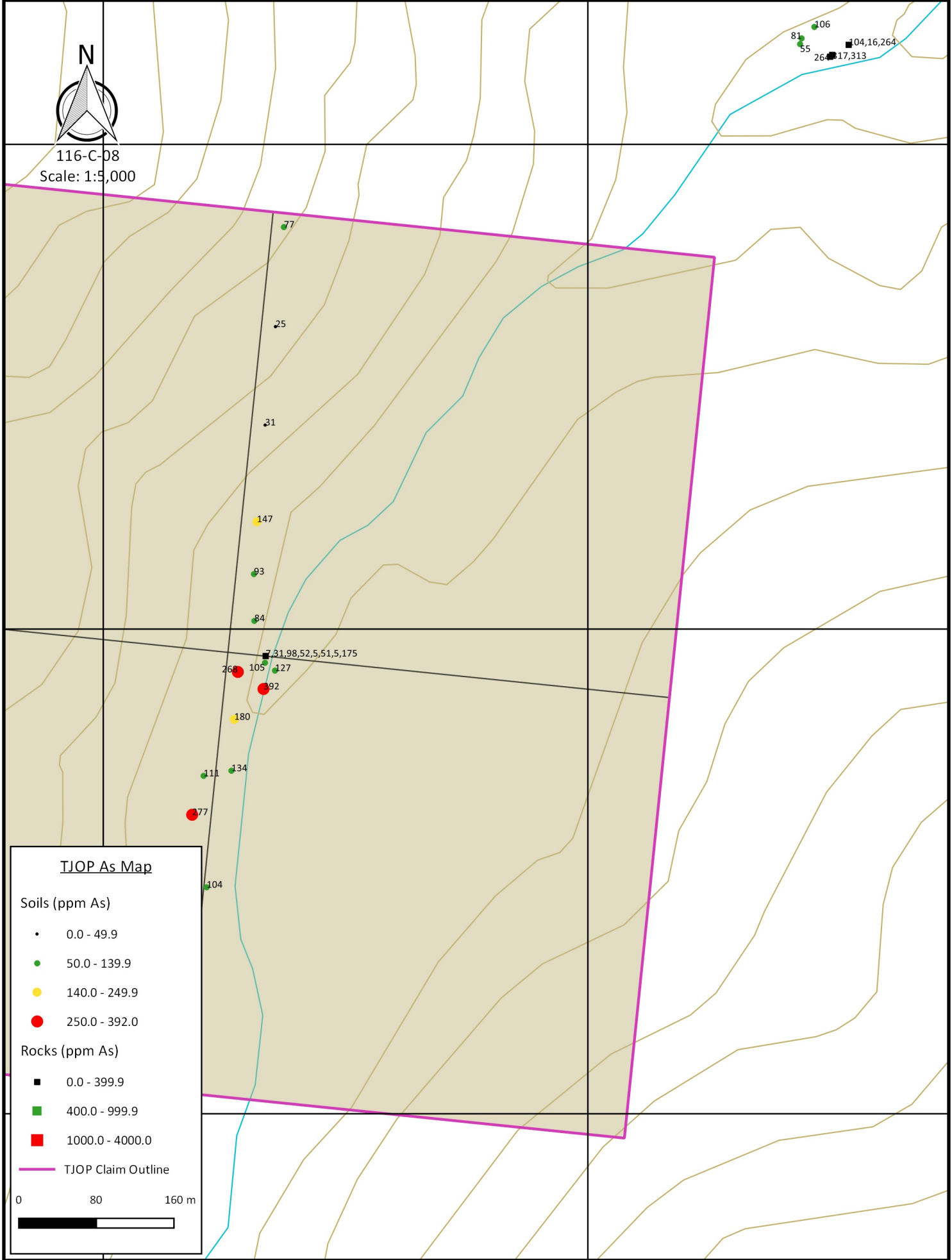
- 0.0 - 49.9
- 50.0 - 139.9
- 140.0 - 249.9
- 250.0 - 392.0

Rocks (ppm As)

- 0.0 - 399.9
- 400.0 - 999.9
- 1000.0 - 4000.0

— TJOP Claim Outline

0 80 160 m



241000

241500



116-C-08
Scale: 1:5,000

7158000

7157500

7157000

16
39
19
3, <3, 23
<3, 14

20
15
24
12
20
13
3, 6, 10, <3, <3, <3, 4, <3
14940
32
42
48
60
64
152

TJOP Pb Map

Soils (ppm Pb)

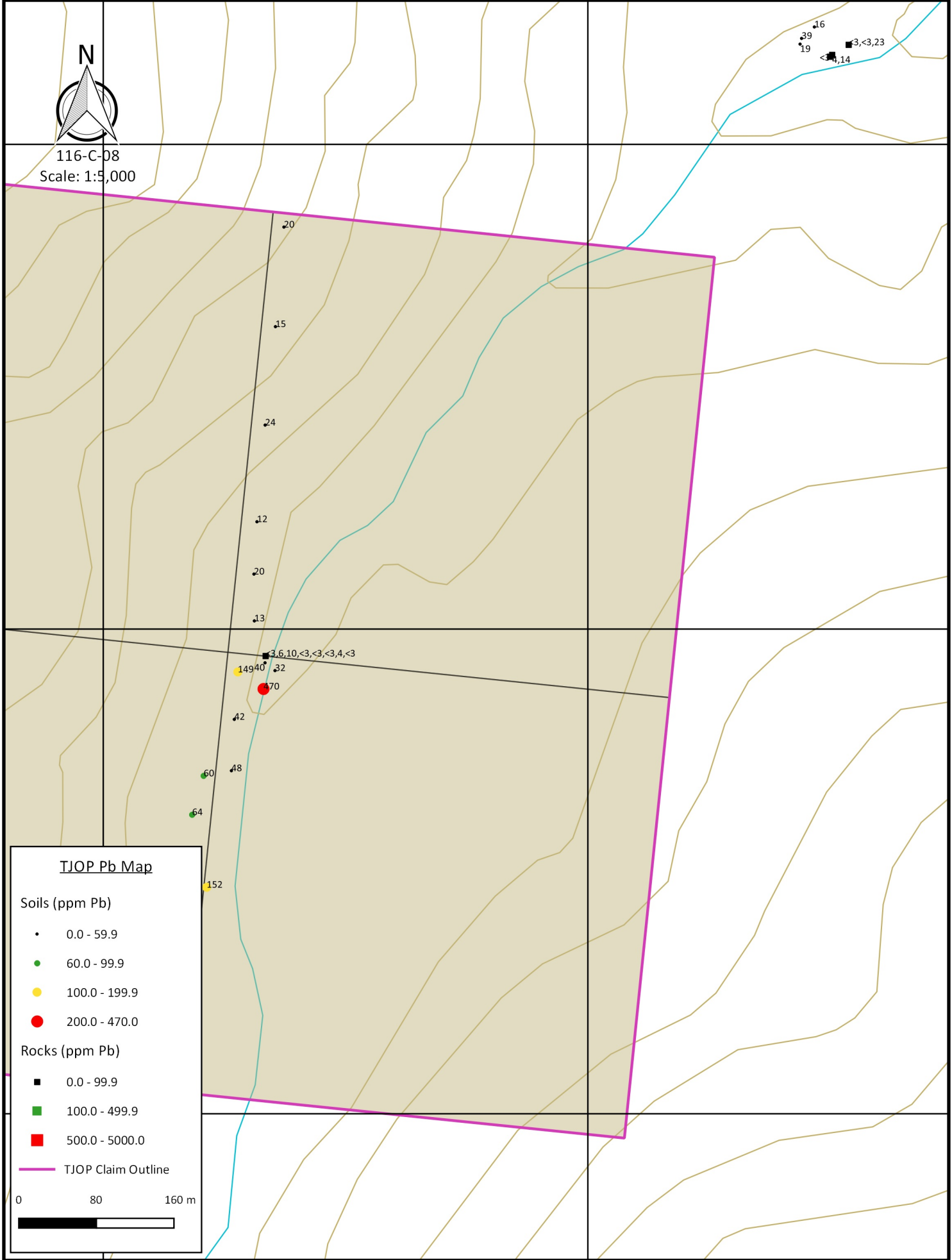
- 0.0 - 59.9
- 60.0 - 99.9
- 100.0 - 199.9
- 200.0 - 470.0

Rocks (ppm Pb)

- 0.0 - 99.9
- 100.0 - 499.9
- 500.0 - 5000.0

— TJOP Claim Outline

0 80 160 m



241000

241500



116-C-08
Scale: 1:5,000

7158000

7157500

7157000

3
3
2
3,3
3,3,27

3
3
3
7
6
4
3,7,5,3,3,9,3,3
34 14 8
3
7
3
5
3
4

TJOP Sb Map

Soils (ppm Sb)

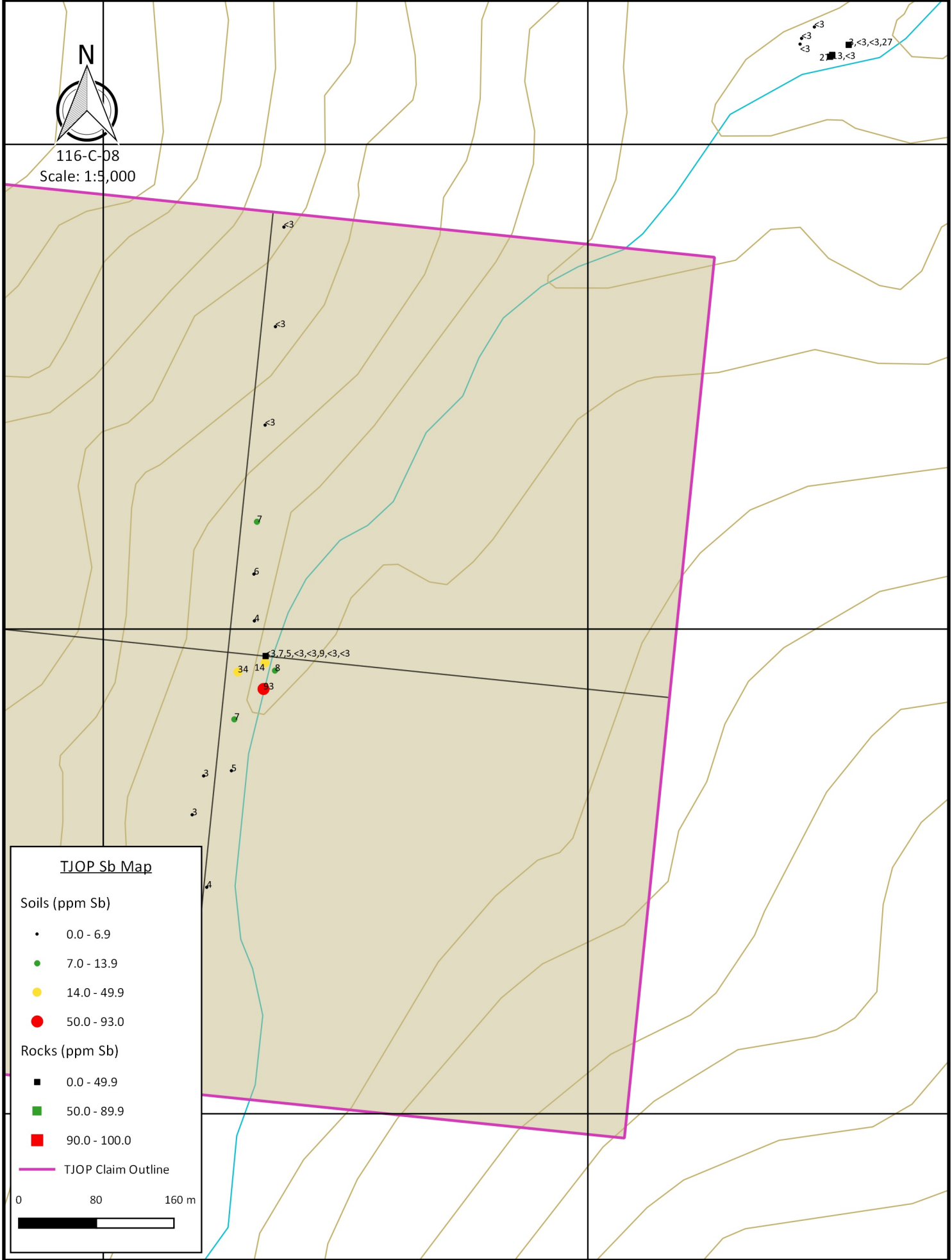
- 0.0 - 6.9
- 7.0 - 13.9
- 14.0 - 49.9
- 50.0 - 93.0

Rocks (ppm Sb)

- 0.0 - 49.9
- 50.0 - 89.9
- 90.0 - 100.0

— TJOP Claim Outline

0 80 160 m



241000

241500



116-C-08
Scale: 1:5,000

7158000

7157500

7157000

73
101
63
19,188,33,51
6,29

113
138
96
144
158
128
18,47,258,25,130,56,14,50
339 315 261
118
182 141
201
258

TJOP Zn Map

Soils (ppm Zn)

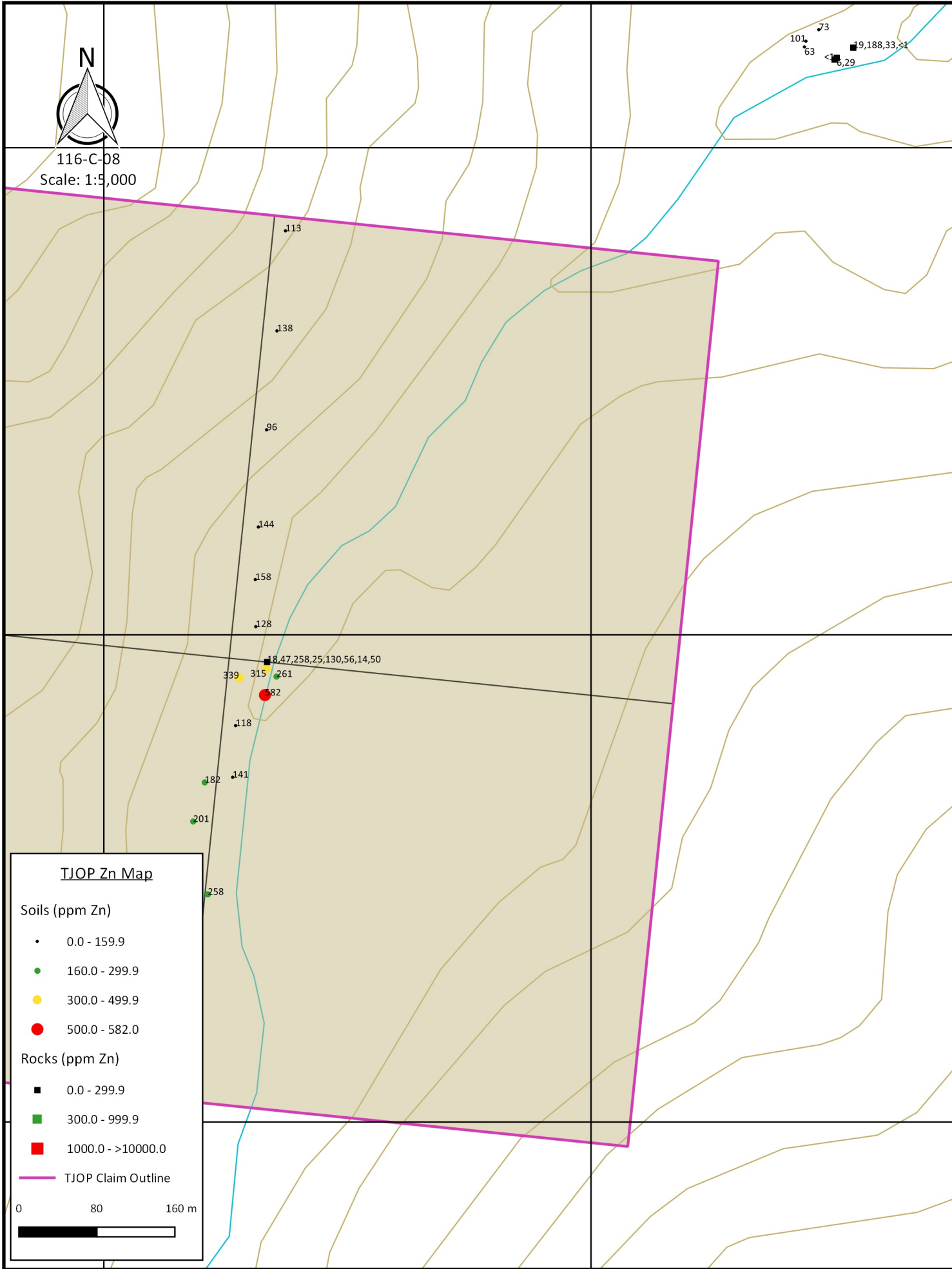
- 0.0 - 159.9
- 160.0 - 299.9
- 300.0 - 499.9
- 500.0 - 582.0

Rocks (ppm Zn)

- 0.0 - 299.9
- 300.0 - 999.9
- 1000.0 - >10000.0

— TJOP Claim Outline

0 80 160 m



551250

551400

7083300



115-N-16
Scale: 1:1,250

WLAD-03

WLAD-02

WLAD-01

BLER-01

WLAD-04

JJBD-04

WLAD-05

BLER-01

WLAD-06

BLER-02

JJBD-03

JJBD-02

JJBD-01

Lena Sample Label Map

Soils (ppm Cu)

- 0.0 - 59.9
- 60.0 - 99.9
- 100.0 - 199.9
- 200.0 - 215.4

Rocks (ppm Cu)

- 0.0 - 199.9
- 200.0 - 999.9
- 1000.0 - >10000.0

0 20 40 m



551250

551400

7083300



115-N-16
Scale: 1:1,250

25.9

52.6

22.9

22.9

38.7

64.4

164.6

67.7

58.7

297

122.8

206

37.5

Lena Cu Map

Soils (ppm Cu)

- 0.0 - 59.9
- 60.0 - 99.9
- 100.0 - 199.9
- 200.0 - 215.4

Rocks (ppm Cu)

- 0.0 - 199.9
- 200.0 - 999.9
- 1000.0 - >10000.0

0 20 40 m



551250

551400

7083300



115-N-16
Scale: 1:1,250

9.8

10.1

15.9

9.4

10.6

119.4

1509.3

38.7

2.1

7.6

25.2

69.9

9.8

7083150

Lena Pb Map

Soils (ppm Pb)

- 0.0 - 34.9
- 35.0 - 149.9
- 150.0 - 399.9
- 400.0 - 1509.3

Rocks (ppm Pb)

- 0.0 - 99.9
- 100.0 - 499.9
- 500.0 - 5000.0

0 20 40 m



551250

551400

7083300



115-N-16
Scale: 1:1,250

64

143

115

24

106

204
111

470

113

80

68

109

57

Lena Zn Map

Soils (Zn)

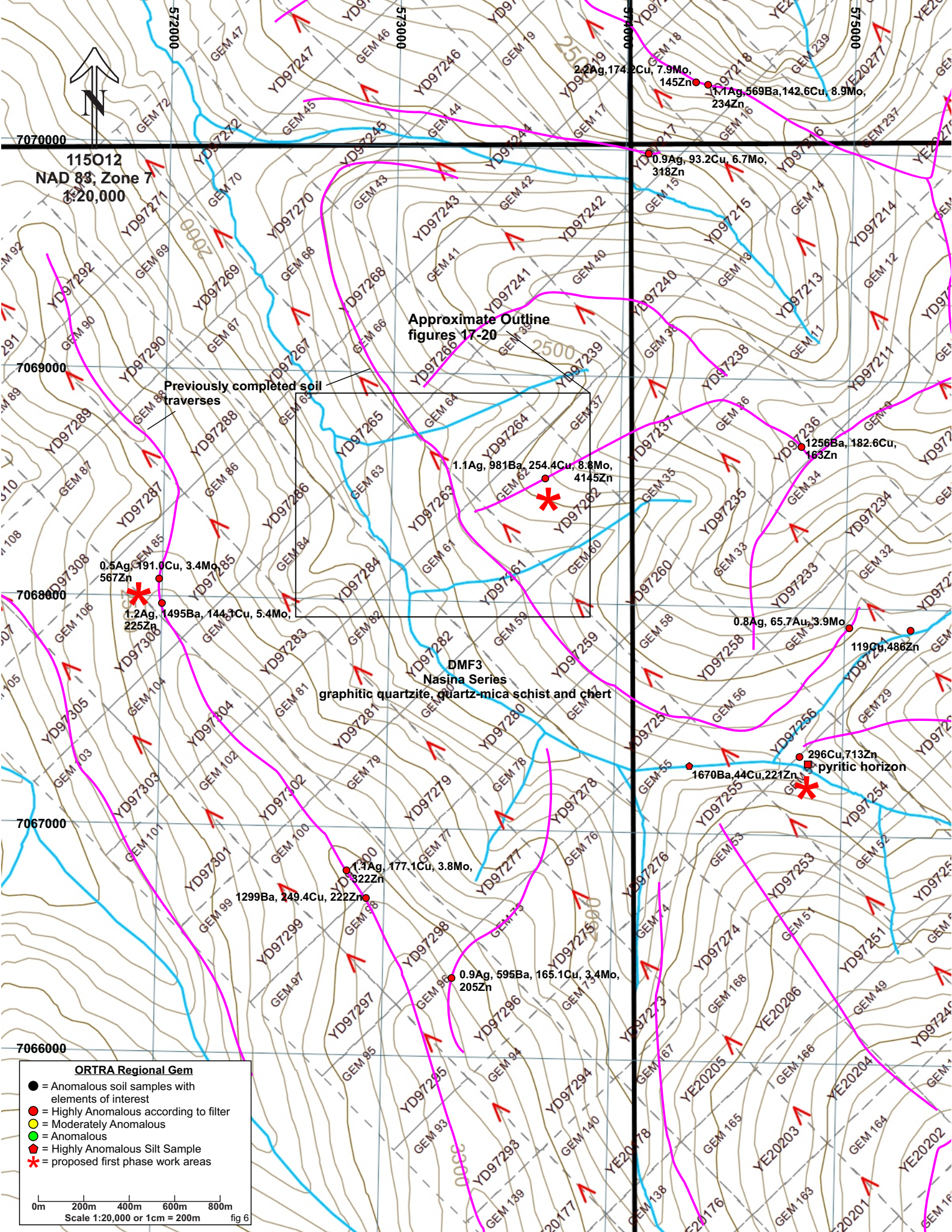
- 0.0 - 159.0
- 160.0 - 349.0
- 350.0 - 649.0
- 650.0 - 957.0

Rocks (ppm Zn)

- 0.0 - 299.9
- 300.0 - 999.9
- 1200.0 - >10000

0 20 40 m





7070000
 115012
 NAD 83, Zone 7
 1:20,000

Approximate Outline
 figures 17-20

Previously completed soil
 traverses

DMF3
 Nasina Series
 graphitic quartzite, quartz-mica schist and chert

pyritic horizon

0.5Ag, 391.0Cu, 3.4Mo,
 567Zn
 1.2Ag, 1495Ba, 144.3Cu, 5.4Mo,
 225Zn

1.1Ag, 981Ba, 254.4Cu, 8.8Mo,
 4145Zn

2.2Ag, 174.2Cu, 7.9Mo,
 145Zn

1.7Ag, 569Ba, 142.6Cu, 8.9Mo,
 234Zn

0.9Ag, 93.2Cu, 6.7Mo,
 318Zn

1256Ba, 182.6Cu,
 163Zn

0.8Ag, 65.7Au, 3.9Mo

1190g, 486Zn

296Cu, 713Zn

1670Ba, 44Cu, 221Zn

1.4Ag, 177.1Cu, 3.8Mo,
 322Zn

1299Ba, 249.4Cu, 222Zn

0.9Ag, 595Ba, 165.1Cu, 3.4Mo,
 205Zn

- ORTRA Regional Gem**
- = Anomalous soil samples with elements of interest
 - = Highly Anomalous according to filter
 - = Moderately Anomalous
 - = Anomalous
 - = Highly Anomalous Silt Sample
 - * = proposed first phase work areas

0m 200m 400m 600m 800m
 Scale 1:20,000 or 1cm = 200m fig 6

573000

573500



115-O-12
Scale: 1:5,000

7068500

7068000

Gem Sample Label Map

Soils (ppm Cu)

- 0.0 - 59.9
- 60.0 - 99.9
- 100.0 - 199.9
- 200.0 - 215.4

Rocks (ppm Cu)

- 0.0 - 499.9
- 500.0 - 1499.9
- 1500.0 - 3000.0

0 75 150 m



GEJD-11 BGER-05
GEJD-12 BGER-06

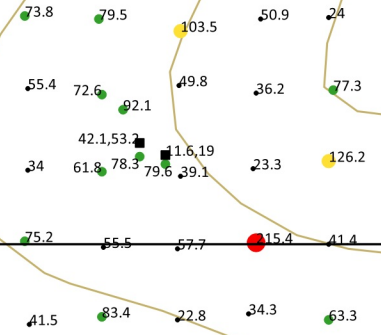
GEJD-05 GEJD-06 WGMD-15 WGMD-06 WGMD-05
 GEJD-04 GEJD-07 WGMD-14 WGMD-07 WGMD-04
 BGER-01,02 BGER-03,04
 BGER-01 BGER-03
 GEJD-03 GEJD-08 WGMD-13 WGMD-08 WGMD-03
 GEJD-02 GEJD-09 WGMD-12 WGMD-09 WGMD-02
 GEJD-01 GEJD-10 WGMD-11 WGMD-01

573000

573500



115-O-12
Scale: 1:5,000



48.9 2.7
48.3 19.5

Gem Cu Map

Soils (ppm Cu)

- 0.0 - 59.9
- 60.0 - 99.9
- 100.0 - 199.9
- 200.0 - 215.4

Rocks (ppm Cu)

- 0.0 - 199.9
- 200.0 - 999.9
- 1000.0 - >10000

0 75 150 m



7068500

7068000

573000

573500



115-O-12
Scale: 1:5,000

7068500

7068000

Gem Pb Map

Soils (ppm Pb)

- 0.0 - 34.9
- 35.0 - 149.9
- 150.0 - 399.9
- 400.0 - 1509.3

Rocks (ppm Pb)

- 0.0 - 99.9
- 100.0 - 499.9
- 500.0 - 5000.0

0 75 150 m



4.2 4.3
6 2.7

5	8.1	6.9	9.1	9.9
4.7	8.2	10	8.5	7.6
8	8.2	6.7	7.5	8.7
4.3, 3.8	4.8	9.3	8.5	
7.5	12.2	6.6	16.4	9.6
8.1	5.5	10.5	9.7	6.3

573000

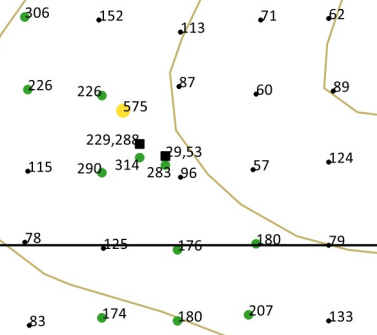
573500



115-O-12
Scale: 1:5,000

7068500

7068000



58 8
82 25

Gem Zn Map

Soils (ppm Zn)

- 0.0 - 159.0
- 160.0 - 349.0
- 350.0 - 649.0
- 650.0 - 957.0

Rocks (ppm Zn)

- 0.0 - 299.9
- 300.0 - 999.9
- 1200.0 - >10000

0 75 150 m



ORTRA Rock Table

Sample	Target	Easting	Northing	Description	Mo	Cu	Pb	Zn	Ag	As	Au	Sb
BJPR-01	TJOP	530274	7147322	lim fuchsite gouge fe-carb a few vns end stringers 2mx3m	<1	42	<3	19	<0.3	104	<0.005	3
BJPR-02	TJOP	530274	7147322	purple fe-carb alt rock with rare narrow qv	1	77	<3	188	<0.3	16	<0.005	<3
BJPR-03	TJOP	530274	7147322	rep grabs various qtz stringers and vns cutting multiple rock types	<1	6	23	33	<0.3	16	<0.005	<3
BJPR-04	TJOP	530256	7147308	qtz calcite vn cutting heavily carb alt bldr with fuchsite	<1	9	<3	<1	<0.3	264	<0.005	27
BJPR-05	TJOP	529735	7146622	schistose lim metavolcanic brx and cemented with qtz carb, tr py along qtz carb margins also carb alt	<1	36	<3	18	<0.3	7	<0.005	<3
BJPR-06	TJOP	529735	7146622	lim schist cut by qv or poss qtz schist brx	<1	36	6	47	2.1	31	<0.005	7
BJPR-07	TJOP	529735	7146622	foliated lim schistose metavolcanic	2	67	10	258	<0.3	98	0.013	5
BJPR-08	TJOP	529740	7146625	weakly py and lim qtz carb rock poss metavolcanic	<1	24	<3	25	<0.3	52	<0.005	<3
BJPR-09	TJOP	529740	7146625	fe-carb alt rock with patches of grey qtz and cut by a narrow qv	<1	35	<3	130	<0.3	5	0.007	<3
BJPR-10	TJOP	529740	7146625	qtz lim vn (2cm wide) with tr diss py	1	97	<3	56	1.5	51	0.006	9
BJPR-11	TJOP	529740	7146625	grey to white brx qv	<1	11	4	14	<0.3	5	<0.005	<3
BJPR-12	TJOP	529740	7146625	green schistose rock cut by several qtz to fe-carb vns	<1	51	<3	50	<0.3	175	0.008	<3
TTR-01	TJOP	530258	7147310	qv fe-carb and mariposite/fuchsite (listwanite) alt rock	<1	8	4	6	<0.3	317	0.007	13
TTR-02	TJOP	530258	7147310	as above with py to 0.2%	<1	2	14	29	<0.3	313	<0.005	<3
BGER-01	Gem	573675	7068558	rock frags from pit	2.3	42.1	4.3	229	0.2	0.5	1.3	0.1
BGER-02	Gem	573664	7068559	phyllite minor chert lim as per BGER-01	1.9	53.2	3.8	288	0.1	0.7	<0.5	0.2
BGER-03	Gem	573692	7068553	grey phyllite	2.5	11.6	3	29	<0.1	<0.5	<0.5	0.1
BGER-04	Gem	573692	7068553	tan/beige lim frags	2.3	19	4.8	53	0.2	<0.5	<0.5	0.2
BGER-05	Gem	572836	7068181	lim and pitted qtz	0.7	22.7	2.3	18	<0.1	2.9	<0.5	0.2
BGER-06	Gem	572836	7068181		5	19.5	3.7	25	0.3	3.9	2.7	0.2
BLER-01	Lena	551360	70832009	qtz sericite biotite schist with rusty ocherous patch	0.6	158.7	2.1	34	0.4	10.1	0.7	<0.1
BLER-02	Lena	551321	7083176	heavily alt lim fine mafic volcanic hairline qtz sulphide vn on frac	0.4	297	7.6	80	0.9	5.4	2.8	0.2

ORTRA Soil Sample Table

Sample Code	Property	Easting	Northing	Type	Mo	Cu	Pb	Zn	Ag	As	Au	Sb
BGED-01	Gem	573675	7068558	Soil	4.9	78.3	6.7	314	0.4	4.5	3.1	0.6
BGED-02	Gem	573664	7068589	Soil	5.5	92.1	8.3	575	0.3	3.6	3.6	0.5
BGED-03	Gem	573692	7068553	Soil	6	79.6	7.5	283	0.3	2.1	2.9	0.5
GEJD-01	Gem	573602	7068447	Soil	1.1	41.5	8.1	83	<0.1	6.4	1.3	0.4
GEJD-02	Gem	573599	7068502	Soil	2.4	75.2	7.5	78	<0.1	8.3	7.7	0.6
GEJD-03	Gem	573601	7068549	Soil	2.1	34	8	115	0.3	5.9	4.8	0.4
GEJD-04	Gem	573601	7068603	Soil	1.9	55.4	4.7	226	0.1	2.7	1.6	0.3
GEJD-05	Gem	573599	7068651	Soil	2.5	73.8	5	306	0.2	1.5	1.9	0.2
GEJD-06	Gem	573648	7086649	Soil	5	79.5	8.1	152	0.5	3.6	2.3	0.5
GEJD-07	Gem	573650	7068599	Soil	3	72.6	8.2	226	0.5	5	3	0.5
GEJD-08	Gem	573650	7068548	Soil	3.3	61.8	8.2	290	0.7	6.1	3.5	0.7
GEJD-09	Gem	573651	7068498	Soil	1.4	55.5	12.2	125	<0.1	4.9	<0.5	0.3
GEJD-10	Gem	573650	7068452	Soil	2.6	83.4	5.5	174	<0.1	15.8	1	0.4
GEJD-11	Gem	572834	7068182	Soil	0.5	48.9	4.2	58	<0.1	6.1	2.8	0.3
WGMD-01	Gem	573800	7068450	Soil	2.1	63.3	6.3	133	0.7	4.5	2.4	0.4
WGMD-02	Gem	573800	7068500	Soil	2.3	41.4	9.6	79	1.3	6.6	6.3	0.4
WGMD-03	Gem	573800	7068555	Soil	2.2	126.2	8.5	124	0.5	3.8	2.5	0.5
WGMD-04	Gem	573803	7068602	Soil	3.6	77.3	7.6	89	0.5	3.3	4.7	0.6
WGMD-05	Gem	573800	7068650	Soil	4.7	24	9.9	62	0.4	9.6	1.2	0.6
WGMD-06	Gem	573755	7068649	Soil	5.2	50.9	9.1	71	0.4	6.5	4.9	0.7
WGMD-07	Gem	573752	7068600	Soil	3.5	36.2	8.5	60	0.7	2.8	2.4	0.4
WGMD-08	Gem	573750	7068550	Soil	2.2	23.3	9.3	57	0.3	13.3	1.2	0.6
WGMD-09	Gem	573752	7068501	Soil	3.8	215.4	16.4	180	0.5	10.7	26.1	0.4
WGMD-10	Gem	573747	7068454	Soil	2.1	34.3	9.7	207	0.5	7.8	<0.5	0.5
WGMD-11	Gem	573700	7068450	Soil	1.9	22.8	10.5	180	0.2	8	2.8	0.5
WGMD-12	Gem	573700	7068497	Soil	2.3	57.7	6.6	176	0.4	3	2.2	0.3
WGMD-13	Gem	573702	7068545	Soil	2.9	39.1	8.7	96	0.3	6.6	1.7	0.6
WGMD-14	Gem	573701	7068605	Soil	11	49.8	10	87	0.7	5.9	3.1	0.7
WGMD-15	Gem	573702	7068641	Soil	2.3	103.5	6.9	113	0.2	0.7	1.2	0.2
BLED-01	Lena	551311	7083198	Soil	1.6	164.6	1509.3	713	1.2	9	8.8	0.7
LJBD-01	Lena	551349	7083152	Soil	0.8	37.5	9.8	68	<0.1	7.9	0.6	0.6
LJBD-02	Lena	551298	7083149	Soil	6.8	206	769.9	957	8.2	7.2	14.8	0.6
LJBD-03	Lena	551250	7083150	Soil	2.5	122.8	25.2	709	0.6	8.1	1.2	0.4
LJBD-04	Lena	551251	7083198	Soil	2	8.7	10.6	111	<0.1	5.2	<0.5	0.4
WLAD-01	Lena	551350	7083246	Soil	0.9	22.9	15.9	115	<0.1	8.3	0.7	0.5
WLAD-02	Lena	551300	7083251	Soil	1.1	52.6	10.1	143	<0.1	11.8	1	0.4
WLAD-03	Lena	551250	7083250	Soil	1	25.9	9.8	64	<0.1	7.7	1.7	0.5
WLAD-04	Lena	551250	7083200	Soil	1.7	22.9	9.4	204	0.4	6.1	<0.5	0.4
WLAD-05	Lena	551298	7083200	Soil	1.2	64.4	419.4	470	0.2	7.9	2.1	0.5
WLAD-06	Lena	551350	7083203	Soil	1.8	67.7	38.7	106	<0.1	11.6	<0.5	0.3
BJPD-01	TJOP	529697	7146395	Soil	2	79	152	258	0.9	104	30	4
TWAD-01	TJOP	530225	7147324	Soil	3	36	39	101	0.5	81	21	<3
TWAD-02	TJOP	530237	7147337	Soil	2	42	16	73	<0.3	106	15	<3
TWAD-03	TJOP	530224	7147318	Soil	1	29	19	63	<0.3	55	13	<3
TWAD-04	TJOP	529712	7147080	Soil	2	31	20	113	0.7	77	15	<3
TWAD-05	TJOP	529713	7146977	Soil	3	45	15	138	0.8	25	13	<3
TWAD-06	TJOP	529712	7146875	Soil	2	39	24	96	1	31	16	<3
TWAD-07	TJOP	529713	7146775	Soil	5	84	12	144	1	147	41	7
TWAD-08	TJOP	529715	7146721	Soil	9	102	20	158	0.7	93	25	6
TWAD-09	TJOP	529720	7146673	Soil	5	67	13	128	0.6	84	22	4
TWAD-10	TJOP	529708	7146619	Soil	4	60	149	339	2.2	268	32	34
TWAD-11	TJOP	529709	7146570	Soil	1	31	42	118	1	180	21	7
TWAD-12	TJOP	529711	7146517	Soil	2	39	48	141	0.8	134	19	5
TWAD-13	TJOP	529738	7146624	Soil	16	95	40	315	1.2	105	27	14
TWAD-14	TJOP	529746	7146624	Soil	8	77	32	261	0.9	127	24	8
TWAD-15	TJOP	529736	7146604	Soil	13	103	470	582	3.7	392	59	93
TWAD-16	TJOP	529683	7146509	Soil	3	55	60	182	1.5	111	32	3
TWAD-17	TJOP	529675	7146468	Soil	2	55	64	201	1	277	44	3



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 8E5 Canada
PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: July 19, 2017
Report Date: August 16, 2017
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI17000314.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 92

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT Dispose of Reject After 60 days

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

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	92	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	92	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	92	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	92	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	92	Per sample shipping charges for branch shipments			VAN
FA530	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS



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.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 16, 2017

Page: 3 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	WGHT	FA430	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.6	3	3	1	0.01	0.001	
BJPR-01	Rock	0.93	<0.005	<1	42	<3	19	<0.3	473	55	1205	4.26	104	<2	247	<0.5	3	<3	28	7.44	0.002
BJPR-02	Rock	0.52	<0.005	1	77	<3	188	<0.3	218	72	3106	13.80	16	3	73	0.6	<3	5	180	3.48	0.277
BJPR-03	Rock	0.63	<0.005	<1	6	23	33	<0.3	31	5	500	2.15	16	6	51	<0.5	<3	<3	10	1.82	0.006
BJPR-04	Rock	0.39	<0.005	<1	9	<3	<1	<0.3	293	29	749	3.16	264	<2	621	<0.5	27	<3	8	7.94	<0.001
BJPR-05	Rock	0.61	<0.005	<1	36	<3	18	<0.3	16	11	955	2.07	7	<2	321	<0.5	<3	<3	45	9.20	0.056
BJPR-06	Rock	0.18	<0.005	<1	36	6	47	2.1	8	1	109	0.93	31	<2	2	<0.5	7	<3	2	0.04	0.005
BJPR-07	Rock	0.34	0.013	2	67	10	258	<0.3	33	6	139	2.58	98	5	7	0.6	5	<3	15	0.02	0.036
BJPR-08	Rock	0.11	<0.005	<1	24	<3	25	<0.3	18	14	1024	3.67	52	<2	177	<0.5	<3	<3	57	5.90	0.061
BJPR-09	Rock	0.11	0.007	<1	35	<3	130	<0.3	46	23	2431	7.12	5	12	353	1.3	<3	<3	62	8.18	0.074
BJPR-10	Rock	0.19	0.006	1	97	<3	56	1.5	9	2	132	1.36	51	<2	3	0.6	9	<3	4	0.06	0.009
BJPR-11	Rock	0.05	<0.005	<1	11	4	14	<0.3	14	9	2099	3.15	5	<2	573	<0.5	<3	<3	26	7.44	0.022
BJPR-12	Rock	0.24	0.008	<1	51	<3	50	<0.3	31	21	977	3.93	175	<2	241	0.8	<3	<3	82	6.80	0.073



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 16, 2017

Page: 3 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	FA530
Analyte	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	S	Hg	Tl	Ga	Se	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/g
MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	0.01	2	0.05	1	5	5	0.8

BJPR-01	Rock	2	307	5.35	57	<0.001	<20	0.26	<0.01	0.02	<2	0.17	<1	<5	<5	10
BJPR-02	Rock	18	150	1.88	65	0.002	<20	0.80	<0.01	0.02	<2	0.34	<1	<5	8	41
BJPR-03	Rock	14	26	1.67	111	<0.001	<20	0.24	0.01	0.13	<2	0.05	<1	<5	<5	<5
BJPR-04	Rock	1	164	12.77	68	<0.001	<20	0.04	<0.01	0.02	<2	0.07	<1	<5	<5	<5
BJPR-05	Rock	3	48	1.44	44	0.002	<20	1.03	0.06	0.02	<2	0.06	<1	<5	<5	9
BJPR-06	Rock	1	8	0.03	36	<0.001	<20	0.05	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
BJPR-07	Rock	12	10	0.02	138	<0.001	<20	0.26	<0.01	0.15	<2	<0.05	<1	<5	<5	<5
BJPR-08	Rock	3	71	2.12	45	0.001	<20	0.79	0.04	0.05	<2	0.37	<1	<5	<5	8
BJPR-09	Rock	10	8	5.05	54	0.001	<20	1.78	0.01	0.04	<2	<0.05	<1	<5	7	5
BJPR-10	Rock	<1	8	0.02	14	<0.001	<20	0.04	<0.01	0.01	<2	<0.05	<1	<5	<5	<5
BJPR-11	Rock	2	13	3.80	67	<0.001	<20	0.27	<0.01	0.06	<2	<0.05	<1	<5	<5	6
BJPR-12	Rock	5	150	2.83	121	0.003	<20	2.70	0.03	0.07	<2	<0.05	<1	<5	8	9



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 16, 2017

Page: 4 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	WGHT	FA430	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.6	3	3	1	0.01	0.001	

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TTR-01	Rock	0.39	0.007	<1	8	4	6	<0.3	168	22	475	2.91	317	<2	1991	<0.5	13	<3	17	8.59	<0.001
TTR-02	Rock	0.64	<0.005	<1	2	14	29	<0.3	362	36	5475	3.72	313	2	186	<0.5	<3	6	42	9.46	<0.001

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 16, 2017

Page: 4 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	FA530
Analyte	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	S	Hg	Tl	Ga	Se	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/g
MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	6	0.8

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TTR-01	Rock	<1	365	9.48	72	<0.001	<20	0.12	<0.01	0.02	<2	0.06	<1	<5	<5	<5
TTR-02	Rock	2	784	5.85	20	<0.001	<20	0.56	<0.01	<0.01	<2	<0.05	<1	<5	<5	7

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: August 30, 2017
Report Date: September 23, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000741.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 8

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

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

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	8	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ201	8	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	8	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS



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.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 23, 2017

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000741.1

Method	WGHT	AQ201	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
BGER-01	Rock	0.97	2.3	42.1	4.3	229	0.2	22.6	4.3	211	2.45	0.5	1.3	3.8	20	1.3	0.1	0.1	56	0.08	0.021
BGER-02	Rock	0.59	1.9	53.2	3.8	288	0.1	75.6	15.6	233	2.73	0.7	<0.5	3.9	10	1.1	0.2	<0.1	90	0.13	0.041
BGER-03	Rock	0.60	2.5	11.6	3.0	29	<0.1	6.7	1.1	54	0.59	<0.5	<0.5	1.5	24	0.2	0.1	<0.1	83	1.13	0.548
BGER-04	Rock	0.20	2.3	19.0	4.8	53	0.2	10.6	3.6	90	1.02	<0.5	<0.5	1.6	18	0.2	0.2	<0.1	38	0.27	0.125
BGER-05	Rock	0.74	0.7	22.7	2.3	18	<0.1	8.4	1.7	70	1.36	2.9	<0.5	1.2	30	<0.1	0.2	<0.1	36	0.07	0.055
BGER-06	Rock	0.86	5.0	19.5	3.7	25	0.3	4.5	0.6	88	1.76	3.9	2.7	1.8	67	<0.1	0.2	<0.1	72	0.09	0.120
BLER-01	Rock	0.23	0.6	158.7	2.1	34	0.4	13.3	16.3	303	3.75	10.1	0.7	12.8	4	0.1	<0.1	0.4	10	0.08	0.028
BLER-02	Rock	0.51	0.4	297.0	7.6	80	0.9	9.4	7.7	5021	4.78	5.4	2.8	0.5	32	2.1	0.2	0.2	18	3.33	0.033



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 23, 2017

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000741.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
BGER-01	Rock	11	71	0.99	1019	0.224	<1	1.79	0.025	1.03	<0.1	<0.01	5.8	0.8	0.10	6	0.7	<0.2
BGER-02	Rock	9	61	1.00	1016	0.210	<1	1.91	0.022	1.02	<0.1	<0.01	5.6	0.5	<0.05	7	<0.5	<0.2
BGER-03	Rock	5	21	0.19	406	0.028	<1	0.46	0.004	0.13	0.2	<0.01	1.3	<0.1	<0.05	2	3.9	<0.2
BGER-04	Rock	6	18	0.21	261	0.027	<1	0.49	0.013	0.10	<0.1	<0.01	1.7	0.1	0.07	2	0.8	<0.2
BGER-05	Rock	6	19	0.19	1377	0.043	<1	0.39	0.009	0.12	<0.1	<0.01	2.1	<0.1	0.10	2	<0.5	<0.2
BGER-06	Rock	7	50	0.45	958	0.049	<1	0.75	0.032	0.43	<0.1	0.03	4.7	0.1	0.20	4	1.3	<0.2
BLER-01	Rock	76	15	0.43	180	0.067	<1	1.21	0.018	0.55	<0.1	<0.01	1.7	0.4	<0.05	3	<0.5	<0.2
BLER-02	Rock	2	13	0.07	80	0.075	<1	1.66	0.006	0.02	<0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2



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

Client: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 23, 2017

Page: 1 of 1

Part: 1 of 2

QUALITY CONTROL REPORT

WHI17000741.1

Method	WGHT	AQ201	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Reference Materials																					
STD DS11	Standard	14.7	155.7	143.4	371	1.9	82.1	13.4	1033	3.17	43.8	110.8	7.9	71	2.4	8.1	12.1	50	1.07	0.071	
STD OXC129	Standard	1.4	29.0	6.5	41	<0.1	84.8	21.0	422	3.10	0.7	209.2	2.0	200	<0.1	<0.1	<0.1	52	0.70	0.107	
STD OXC129 Expected		1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.665	0.102	
STD DS11 Expected		14.6	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	
Prep Wash																					
ROCK-WHI	Prep Blank	0.8	4.3	2.4	42	<0.1	1.3	3.9	551	1.79	1.1	0.9	2.2	24	<0.1	<0.1	<0.1	23	0.64	0.040	



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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 23, 2017

Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

WHI17000741.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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	0.05	1	0.5	0.2	
Reference Materials																		
STD DS11	Standard	18	60	0.85	379	0.097	7	1.19	0.075	0.41	3.1	0.28	3.4	4.8	0.28	5	2.0	5.0
STD OXC129	Standard	13	56	1.58	57	0.461	<1	1.61	0.592	0.37	<0.1	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC129 Expected		13	52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.3	3.4	4.9	0.2835	5.1	1.9	4.56
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
Prep Wash																		
ROCK-WHI	Prep Blank	6	5	0.46	59	0.082	<1	1.05	0.128	0.13	0.1	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 8E5 Canada

PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: July 19, 2017
Report Date: August 14, 2017
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI17000315.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 95

SAMPLE DISPOSAL

RTRN-PLP Return After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	95	Dry at 60C			WHI
SS80	95	Dry at 60C sieve 100g to -80 mesh			WHI
FA430	95	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	95	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	95	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	95	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

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

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:



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.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 14, 2017

Page: 2 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

Method	Analyte	Unit	FA430	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300
			Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
		0.006	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.6	3	3	1	0.01	0.001	1
TWAD-01	Soil	0.021	3	36	39	101	0.5	51	12	832	2.77	81	6	46	0.9	<3	<3	19	0.75	0.042	21
TWAD-02	Soil	0.015	2	42	16	73	<0.3	71	17	599	2.85	106	3	53	0.5	<3	<3	32	0.98	0.049	14
TWAD-03	Soil	0.013	1	29	19	63	<0.3	41	10	520	2.06	55	<2	72	<0.5	<3	<3	17	1.38	0.040	13
TWAD-04	Soil	0.015	2	31	20	113	0.7	26	10	771	2.70	77	3	52	0.6	<3	<3	21	1.24	0.063	14
TWAD-05	Soil	0.013	3	45	15	138	0.8	36	13	589	3.28	25	3	40	1.0	<3	<3	22	0.95	0.112	7
TWAD-06	Soil	0.016	2	39	24	96	1.0	34	12	459	2.82	31	4	40	0.6	<3	<3	25	0.76	0.062	16
TWAD-07	Soil	0.041	5	84	12	144	1.0	104	18	649	3.00	147	3	46	1.2	7	<3	33	0.98	0.058	8
TWAD-08	Soil	0.025	9	102	20	158	0.7	193	27	588	4.14	93	5	33	1.0	6	<3	59	0.36	0.065	13
TWAD-09	Soil	0.022	5	67	13	128	0.6	65	13	511	3.07	84	3	45	1.2	4	<3	28	1.04	0.071	8
TWAD-10	Soil	0.032	4	60	149	339	2.2	39	9	501	2.88	268	3	29	1.8	34	<3	24	0.19	0.050	10
TWAD-11	Soil	0.021	1	31	42	118	1.0	40	11	622	2.88	180	3	55	0.9	7	<3	20	0.90	0.048	14
TWAD-12	Soil	0.019	2	39	48	141	0.8	38	12	651	2.87	134	4	42	1.0	5	<3	20	0.77	0.069	12
TWAD-13	Soil	0.027	16	95	40	315	1.2	82	34	966	4.80	105	11	83	2.2	14	<3	41	2.63	0.110	9
TWAD-14	Soil	0.024	8	77	32	261	0.9	78	20	793	4.19	127	5	40	1.9	8	<3	33	0.68	0.094	12
TWAD-15	Soil	0.059	13	103	470	582	3.7	104	16	540	4.42	392	7	50	4.6	93	<3	22	0.24	0.087	16
TWAD-16	Soil	0.032	3	55	60	182	1.5	40	12	603	3.06	111	4	38	1.4	3	<3	20	0.82	0.070	11
TWAD-17	Soil	0.044	2	55	64	201	1.0	39	13	570	3.35	277	4	42	1.4	3	<3	24	0.84	0.083	12



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 14, 2017

Page: 2 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

Method	Analyte	AQ300		AQ300		AQ300		AQ300		AQ300		AQ300		AQ300	
		Cr	Mg	Ba	Tl	B	Al	Na	K	W	S	Hg	Tl	Ga	Se
Unit	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	6
TWAD-01	Sol	39	0.43	204	0.004	<20	0.57	<0.01	0.10	<2	0.07	<1	<5	<5	<5
TWAD-02	Sol	62	0.69	176	0.009	<20	0.80	<0.01	0.09	<2	0.07	<1	<5	<5	<5
TWAD-03	Sol	33	0.44	179	0.006	<20	0.56	0.01	0.07	<2	0.08	<1	<5	<5	<5
TWAD-04	Sol	24	0.43	328	0.003	<20	0.70	<0.01	0.06	<2	0.06	<1	<5	<5	<5
TWAD-05	Sol	26	0.64	235	0.003	<20	0.73	<0.01	0.06	<2	0.05	<1	<5	<5	<5
TWAD-06	Sol	43	0.68	439	0.005	<20	0.86	<0.01	0.06	<2	0.05	<1	<5	<5	<5
TWAD-07	Sol	104	0.75	180	0.003	<20	0.86	<0.01	0.06	<2	0.06	<1	<5	<5	5
TWAD-08	Sol	173	1.14	241	0.003	<20	1.26	<0.01	0.08	<2	<0.05	<1	<5	<5	8
TWAD-09	Sol	22	0.30	336	0.005	<20	0.70	<0.01	0.06	<2	0.06	<1	<5	<5	<5
TWAD-10	Sol	23	0.12	238	0.008	<20	0.54	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
TWAD-11	Sol	25	0.39	280	0.004	<20	0.55	<0.01	0.11	<2	0.09	<1	<5	<5	<5
TWAD-12	Sol	22	0.36	258	0.004	<20	0.54	<0.01	0.07	<2	0.05	<1	<5	<5	<5
TWAD-13	Sol	20	0.82	115	0.001	<20	0.75	<0.01	0.05	<2	0.08	<1	<5	<5	6
TWAD-14	Sol	31	0.49	192	0.004	<20	0.77	<0.01	0.05	<2	0.06	<1	<5	<5	<5
TWAD-15	Sol	20	0.11	229	0.003	<20	0.38	<0.01	0.08	<2	0.08	<1	<5	<5	<5
TWAD-16	Sol	24	0.49	225	0.002	<20	0.64	<0.01	0.05	<2	0.06	<1	<5	<5	<5
TWAD-17	Sol	33	0.65	192	0.002	<20	0.76	<0.01	0.05	<2	<0.05	<1	<5	<5	<5

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.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 14, 2017

Page: 5 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

Method	Analyte	FA430	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.006	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.6	3	3	1	0.01	0.001	1
WCD-26	Soil	0.033	<1	12	5	37	<0.3	10	4	157	2.00	43	<2	6	<0.5	<3	<3	59	0.05	0.045	11
WCD-27	Soil	0.025	2	17	8	65	<0.3	23	10	349	2.55	121	3	8	<0.5	<3	<3	49	0.07	0.026	15
WCD-28	Soil	0.045	2	29	7	67	<0.3	29	15	554	2.45	148	6	12	<0.5	<3	<3	43	0.17	0.075	17
WCD-29	Soil	0.062	2	30	9	73	<0.3	35	17	483	2.95	213	5	11	<0.5	<3	<3	49	0.12	0.048	18
BJPD-01	Soil	0.030	2	79	152	258	0.9	112	18	248	3.31	104	<2	45	3.6	4	<3	32	0.79	0.057	7



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: August 14, 2017

Page: 5 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

Method	Analyte	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300	AG300
		Cr	Mg	Ba	Tl	B	Al	Na	K	W	S	Hg	Tl	Ga
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5
WCD-26	Soil	18	0.13	53	0.056	<20	0.73	<0.01	0.04	<2	<0.05	<1	<5	<5
WCD-27	Soil	26	0.37	91	0.066	<20	1.32	<0.01	0.08	<2	<0.05	<1	<5	5
WCD-28	Soil	26	0.43	118	0.076	<20	1.33	<0.01	0.18	4	<0.05	<1	<5	<5
WCD-29	Soil	31	0.53	151	0.090	<20	1.56	<0.01	0.21	5	<0.05	<1	<5	<5
BJPD-01	Soil	113	0.89	257	0.005	<20	0.82	<0.01	0.07	<2	0.34	<1	<5	<5



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Client: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: August 30, 2017
Report Date: September 16, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI17000743.2

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 41

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

Invoice To: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	41	Dry at 60C			WHI
SS80	41	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	41	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	41	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS



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 Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 16, 2017

Page: 2 of 3 **Part:** 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000743.2

Method Analyte	Unit	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
MDL	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
GEJD-01	Soil	1.1	41.5	8.1	83	<0.1	33.3	9.1	167	3.30	6.4	1.3	2.8	11	<0.1	0.4	0.2	73	0.14	0.066	10
GEJD-02	Soil	2.4	75.2	7.5	78	<0.1	39.7	14.9	535	2.99	8.3	7.7	3.8	12	<0.1	0.6	0.2	94	0.10	0.033	16
GEJD-03	Soil	2.1	34.0	8.0	115	0.3	46.2	11.5	231	2.71	5.9	4.8	3.2	22	0.5	0.4	0.2	87	0.35	0.053	12
GEJD-04	Soil	1.9	55.4	4.7	226	0.1	63.8	10.2	213	2.97	2.7	1.6	2.5	19	1.5	0.3	0.1	76	0.23	0.056	11
GEJD-05	Soil	2.5	73.8	5.0	306	0.2	83.5	12.3	276	3.54	1.5	1.9	3.4	20	2.0	0.2	0.2	93	0.29	0.082	17
GEJD-06	Soil	5.0	79.5	8.1	152	0.5	28.2	8.3	209	2.71	3.6	2.3	3.1	19	0.5	0.5	0.2	113	0.12	0.054	13
GEJD-07	Soil	3.0	72.6	8.2	226	0.5	64.2	7.9	152	2.70	5.0	3.0	2.9	27	1.4	0.5	0.2	96	0.23	0.075	15
GEJD-08	Soil	3.3	61.8	8.2	290	0.7	98.5	12.5	377	2.98	6.1	3.5	3.5	20	1.8	0.7	0.2	129	0.57	0.084	15
GEJD-09	Soil	1.4	55.5	12.2	125	<0.1	59.0	18.0	224	4.53	4.9	<0.5	3.8	11	0.3	0.3	0.2	114	0.18	0.087	11
GEJD-10	Soil	2.6	83.4	5.5	174	<0.1	110.1	40.9	1804	3.74	15.8	1.0	4.0	23	0.1	0.4	0.1	129	0.28	0.064	10
GEJD-11	Soil	0.5	48.9	4.2	58	<0.1	70.1	15.1	224	2.52	6.1	2.8	2.3	22	0.1	0.3	<0.1	68	0.36	0.058	10
GEJD-12	Soil	1.3	48.3	6.0	82	<0.1	39.9	10.1	239	2.70	8.5	5.3	2.1	24	0.1	0.3	0.1	83	0.14	0.052	10
LJBD-01	Soil	0.8	37.5	9.8	68	<0.1	24.5	10.2	295	2.78	7.9	0.6	5.9	11	0.3	0.6	0.2	56	0.11	0.021	15
LJBD-02	Soil	6.8	206.0	769.9	957	8.2	17.3	13.0	445	3.43	7.2	14.8	5.8	11	1.7	0.6	6.9	66	0.15	0.050	11
LJBD-03	Soil	2.5	122.8	25.2	709	0.6	23.1	13.7	870	3.92	8.1	1.2	5.6	11	2.9	0.4	1.6	72	0.12	0.053	19
LJBD-04	Soil	2.0	8.7	10.6	111	<0.1	24.9	13.2	500	2.78	5.2	<0.5	6.7	7	0.1	0.4	0.3	49	0.07	0.016	9
BLED-01	Soil	1.6	164.6	1509.3	713	1.2	26.8	9.5	378	3.54	9.0	8.8	8.4	14	1.3	0.7	1.2	63	0.18	0.076	17
BGED-01	Soil	4.9	78.3	6.7	314	0.4	69.2	9.9	255	2.77	4.5	3.1	3.9	30	2.4	0.6	0.2	163	0.28	0.051	14
BGED-02	Soil	5.5	92.1	8.3	575	0.3	118.3	12.8	242	3.06	3.6	3.6	3.9	27	2.2	0.5	0.1	164	0.24	0.054	17
BGED-03	Soil	6.0	79.6	7.5	283	0.3	59.4	9.5	272	2.66	2.1	2.9	3.6	43	0.8	0.5	0.2	213	0.29	0.044	18
WGMD-01	Soil	2.1	63.3	6.3	133	0.7	66.0	16.6	206	3.13	4.5	2.4	3.1	19	0.4	0.4	0.1	98	0.24	0.055	18
WGMD-02	Soil	2.3	41.4	9.6	79	1.3	20.8	6.6	271	2.91	6.6	6.3	3.0	19	0.9	0.4	0.2	76	0.14	0.058	11
WGMD-03	Soil	2.2	126.2	8.5	124	0.5	36.6	8.9	313	3.11	3.8	2.5	3.6	31	0.6	0.5	0.2	101	0.20	0.040	17
WGMD-04	Soil	3.6	77.3	7.6	89	0.5	21.5	6.1	265	2.96	3.3	4.7	2.7	25	0.4	0.6	0.2	68	0.12	0.057	11
WGMD-05	Soil	4.7	24.0	9.9	62	0.4	20.4	6.1	157	2.74	9.6	1.2	2.3	15	0.4	0.6	0.2	170	0.09	0.070	12
WGMD-06	Soil	5.2	50.9	9.1	71	0.4	22.6	5.8	171	2.60	6.5	4.9	3.3	20	0.3	0.7	0.2	112	0.11	0.035	14
WGMD-07	Soil	3.5	36.2	8.5	60	0.7	9.6	2.8	193	2.06	2.8	2.4	3.0	24	0.3	0.4	0.2	99	0.08	0.035	13
WGMD-08	Soil	2.2	23.3	9.3	57	0.3	18.8	7.5	173	3.00	13.3	1.2	3.1	13	0.3	0.6	0.2	84	0.11	0.041	10
WGMD-09	Soil	3.8	215.4	16.4	180	0.5	39.8	12.3	267	5.31	10.7	26.1	1.6	19	0.8	0.4	0.3	96	0.12	0.048	9
WGMD-10	Soil	2.1	34.3	9.7	207	0.5	42.5	22.4	1865	2.94	7.8	<0.5	3.6	21	2.0	0.5	0.2	72	0.21	0.088	12



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 16, 2017

Page: 2 of 3

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000743.2

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
GEJD-01	Soil	46	0.58	275	0.129	<1	1.72	0.008	0.45	0.1	<0.01	4.1	0.2	<0.05	7	<0.5	<0.2	
GEJD-02	Soil	53	0.46	363	0.117	<1	1.70	0.007	0.30	0.2	0.04	6.1	0.3	<0.05	6	0.6	<0.2	
GEJD-03	Soil	54	0.66	486	0.083	1	1.69	0.011	0.06	0.1	0.02	4.8	0.1	<0.05	6	0.6	<0.2	
GEJD-04	Soil	61	1.08	773	0.159	<1	1.99	0.018	0.67	<0.1	0.01	5.7	0.2	<0.05	7	0.6	<0.2	
GEJD-05	Soil	79	1.45	1052	0.185	<1	2.22	0.017	0.89	0.1	<0.01	7.4	0.3	<0.05	9	0.8	<0.2	
GEJD-06	Soil	42	0.76	336	0.082	<1	1.69	0.010	0.15	0.1	0.01	3.4	0.3	0.07	5	2.0	<0.2	
GEJD-07	Soil	55	0.64	828	0.092	<1	1.72	0.011	0.10	0.1	0.03	4.8	0.2	<0.05	7	1.2	<0.2	
GEJD-08	Soil	66	0.79	695	0.076	<1	1.79	0.013	0.05	0.2	0.03	6.4	0.2	<0.05	6	1.1	<0.2	
GEJD-09	Soil	72	0.86	527	0.248	<1	2.40	0.008	0.86	0.2	<0.01	6.5	0.5	<0.05	8	<0.5	<0.2	
GEJD-10	Soil	101	1.00	693	0.258	1	2.17	0.008	0.66	0.2	0.02	6.4	1.4	<0.05	11	<0.5	<0.2	
GEJD-11	Soil	98	1.03	902	0.144	<1	1.76	0.019	0.09	0.1	<0.01	4.7	<0.1	<0.05	6	<0.5	<0.2	
GEJD-12	Soil	56	0.76	2161	0.151	<1	1.80	0.013	0.31	<0.1	0.01	5.2	0.2	<0.05	7	<0.5	<0.2	
LJBD-01	Soil	40	0.68	165	0.089	<1	1.88	0.007	0.15	0.1	0.02	3.7	0.1	<0.05	7	<0.5	<0.2	
LJBD-02	Soil	35	0.57	217	0.110	<1	2.12	0.007	0.21	0.2	0.05	3.1	0.2	<0.05	8	<0.5	3.2	
LJBD-03	Soil	35	0.67	289	0.065	<1	2.08	0.007	0.21	0.5	0.02	5.2	0.2	<0.05	6	<0.5	<0.2	
LJBD-04	Soil	36	0.66	189	0.158	<1	2.10	0.006	0.29	0.1	0.01	3.4	0.3	<0.05	6	<0.5	<0.2	
BLED-01	Soil	42	0.61	151	0.071	1	2.53	0.011	0.16	0.2	0.07	4.7	0.2	<0.05	7	0.7	0.3	
BGED-01	Soil	63	0.94	519	0.098	<1	1.86	0.015	0.26	0.1	0.03	5.6	0.4	0.08	6	1.1	<0.2	
BGED-02	Soil	66	0.92	638	0.124	<1	2.01	0.013	0.40	0.1	0.02	6.3	0.3	<0.05	7	1.0	<0.2	
BGED-03	Soil	81	1.31	442	0.112	<1	2.06	0.019	0.12	<0.1	0.03	7.1	0.3	0.12	7	3.5	<0.2	
WGMD-01	Soil	89	1.21	899	0.161	<1	2.07	0.015	0.38	0.2	0.01	4.8	0.2	<0.05	7	1.2	<0.2	
WGMD-02	Soil	45	0.80	247	0.105	<1	1.97	0.010	0.22	0.1	0.01	3.4	0.2	<0.05	7	1.4	<0.2	
WGMD-03	Soil	72	1.23	499	0.157	<1	2.76	0.018	0.35	0.1	0.02	6.0	0.3	0.10	8	2.8	<0.2	
WGMD-04	Soil	41	0.89	283	0.100	<1	1.87	0.021	0.47	0.2	0.01	3.7	0.4	0.17	6	2.8	<0.2	
WGMD-05	Soil	44	0.46	208	0.061	<1	1.61	0.007	0.07	0.2	0.01	2.5	0.2	<0.05	6	0.7	<0.2	
WGMD-06	Soil	44	0.62	310	0.073	<1	1.90	0.009	0.13	0.2	0.03	3.5	0.2	<0.05	6	1.8	<0.2	
WGMD-07	Soil	32	0.65	207	0.058	<1	1.43	0.018	0.16	<0.1	0.02	2.8	0.2	0.15	5	1.8	<0.2	
WGMD-08	Soil	36	0.48	189	0.060	<1	1.81	0.008	0.09	0.2	0.01	3.3	0.1	<0.05	6	0.9	<0.2	
WGMD-09	Soil	51	1.28	635	0.251	<1	3.07	0.020	1.27	0.1	0.02	4.4	0.8	0.24	10	2.6	0.4	
WGMD-10	Soil	42	0.51	702	0.087	1	1.90	0.013	0.18	0.2	0.01	4.3	0.2	<0.05	6	<0.5	<0.2	

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.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 16, 2017

Page: 3 of 3

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000743.2

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		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	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
WGMD-11	Soil	1.9	22.8	10.5	180	0.2	25.2	9.7	1062	3.29	8.0	2.8	3.0	16	1.0	0.5	0.2	94	0.18	0.112	11
WGMD-12	Soil	2.3	57.7	6.6	176	0.4	64.6	11.8	151	3.35	3.0	2.2	2.2	12	0.4	0.3	0.2	76	0.10	0.034	8
WGMD-13	Soil	2.9	39.1	8.7	96	0.3	27.6	7.9	206	2.79	6.6	1.7	3.2	15	0.3	0.6	0.2	89	0.12	0.034	11
WGMD-14	Soil	11.0	49.8	10.0	87	0.7	20.4	6.2	263	3.16	5.9	3.1	3.7	23	0.6	0.7	0.2	137	0.10	0.061	16
WGMD-15	Soil	2.3	103.5	6.9	113	0.2	24.0	7.0	170	3.21	0.7	1.2	1.7	18	0.5	0.2	0.2	97	0.04	0.030	9
WLAD-01	Soil	0.9	22.9	15.9	115	<0.1	24.6	11.3	234	3.47	8.3	0.7	11.4	8	0.5	0.5	0.2	54	0.07	0.032	22
WLAD-02	Soil	1.1	52.6	10.1	143	<0.1	25.5	13.3	157	4.39	11.8	1.0	18.1	5	0.2	0.4	0.6	58	0.04	0.036	7
WLAD-03	Soil	1.0	25.9	9.8	64	<0.1	19.3	8.8	331	3.24	7.7	1.7	8.0	9	0.2	0.5	0.2	57	0.09	0.035	15
WLAD-04	Soil	1.7	22.9	9.4	204	0.4	51.7	19.5	788	4.20	6.1	<0.5	3.0	15	0.4	0.4	0.3	70	0.13	0.021	7
WLAD-05	Soil	1.2	64.4	419.4	470	0.2	27.6	11.1	361	3.48	7.9	2.1	3.8	13	2.2	0.5	0.5	83	0.19	0.060	17
WLAD-06	Soil	1.8	67.7	38.7	106	<0.1	32.4	15.5	388	5.06	11.6	<0.5	21.3	6	0.4	0.3	0.3	45	0.06	0.054	56



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 16, 2017

Page: 3 of 3

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000743.2

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
MDL		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
WGMD-11	Soil	44	0.45	508	0.066	1	1.81	0.009	0.23	0.1	0.01	4.1	0.2	<0.05	7	<0.5	<0.2
WGMD-12	Soil	91	1.05	650	0.232	<1	2.22	0.014	0.57	<0.1	<0.01	5.4	0.4	0.05	8	0.6	<0.2
WGMD-13	Soil	37	0.53	233	0.072	<1	1.64	0.008	0.07	0.2	<0.01	3.0	0.1	0.07	5	1.4	<0.2
WGMD-14	Soil	53	0.78	349	0.075	<1	1.93	0.010	0.13	0.3	0.04	4.6	0.3	0.12	6	3.2	<0.2
WGMD-15	Soil	56	1.16	302	0.180	<1	2.32	0.026	0.94	<0.1	<0.01	4.9	0.8	0.13	7	1.6	<0.2
WLAD-01	Soil	34	0.62	108	0.087	<1	1.89	0.006	0.23	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
WLAD-02	Soil	29	0.67	131	0.146	1	2.14	0.006	0.32	0.1	0.02	2.2	0.3	<0.05	8	<0.5	<0.2
WLAD-03	Soil	31	0.57	133	0.088	1	1.90	0.007	0.23	0.2	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
WLAD-04	Soil	64	1.42	266	0.285	<1	3.16	0.009	0.58	0.2	0.02	2.7	0.5	<0.05	9	<0.5	<0.2
WLAD-05	Soil	38	0.68	201	0.096	<1	2.02	0.008	0.14	0.2	0.02	4.5	0.2	<0.05	8	0.5	<0.2
WLAD-06	Soil	35	0.78	102	0.095	<1	2.15	0.007	0.55	0.1	<0.01	3.8	0.3	<0.05	7	<0.5	<0.2



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

Client: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given
Report Date: September 16, 2017

Page: 1 of 1 Part: 1 of 2

QUALITY CONTROL REPORT

WHI17000743.2

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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
WGMD-11	Soil	1.9	22.8	10.5	180	0.2	25.2	9.7	1062	3.29	8.0	2.8	3.0	16	1.0	0.5	0.2	94	0.18	0.112	11
REP WGMD-11	QC	2.0	21.3	10.2	173	0.2	23.8	9.1	985	3.08	7.4	1.4	2.9	15	0.9	0.5	0.2	84	0.17	0.099	10
WLAD-06	Soil	1.8	67.7	38.7	106	<0.1	32.4	15.5	388	5.06	11.6	<0.5	21.3	6	0.4	0.3	0.3	45	0.06	0.054	56
REP WLAD-06	QC	1.8	67.1	38.8	105	<0.1	32.6	15.1	369	4.89	11.4	0.5	20.8	6	0.4	0.2	0.3	45	0.06	0.052	55
Reference Materials																					
STD DS11	Standard	12.4	144.4	132.0	319	1.6	76.3	13.5	946	2.92	40.6	58.2	7.1	60	2.2	8.3	11.5	48	0.98	0.075	17
STD DS11	Standard	13.9	154.9	138.4	337	1.7	78.9	13.6	1011	3.19	43.7	69.6	7.7	63	2.4	8.7	11.9	48	1.00	0.073	18
STD OXC129	Standard	1.2	27.3	6.0	41	<0.1	82.3	20.2	402	3.04	<0.5	196.9	1.7	181	<0.1	<0.1	<0.1	55	0.64	0.116	13
STD OXC129	Standard	1.2	27.4	6.0	40	<0.1	77.6	20.2	423	2.97	0.7	191.9	1.7	171	<0.1	<0.1	<0.1	51	0.59	0.098	13
STD OXC129 Expected		1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.665	0.102	13
STD DS11 Expected		14.6	156	138	345	1.71	81.9	14.2	1055	3.2082	42.8	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701	18.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



QUALITY CONTROL REPORT

WHI17000743.2

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
MDL		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																	
WGMD-11	Soil	44	0.45	508	0.066	1	1.81	0.009	0.23	0.1	0.01	4.1	0.2	<0.05	7	<0.5	<0.2
REP WGMD-11	QC	41	0.42	465	0.062	<1	1.77	0.008	0.22	0.2	<0.01	3.7	0.2	<0.05	6	<0.5	<0.2
WLAD-06	Soil	35	0.78	102	0.095	<1	2.15	0.007	0.55	0.1	<0.01	3.8	0.3	<0.05	7	<0.5	<0.2
REP WLAD-06	QC	35	0.77	98	0.094	<1	2.07	0.006	0.52	<0.1	0.01	3.7	0.3	<0.05	7	0.5	<0.2
Reference Materials																	
STD DS11	Standard	56	0.75	350	0.086	6	1.06	0.064	0.38	3.1	0.27	3.0	4.3	0.28	4	2.4	4.4
STD DS11	Standard	59	0.82	363	0.088	6	1.10	0.071	0.37	3.2	0.25	3.1	4.7	0.30	5	2.3	5.0
STD OXC129	Standard	52	1.54	50	0.404	2	1.55	0.601	0.40	<0.1	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	51	1.46	48	0.373	<1	1.43	0.563	0.33	<0.1	<0.01	0.6	<0.1	<0.05	5	<0.5	<0.2
STD OXC129 Expected		52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
STD DS11 Expected		61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.3	3.4	4.9	0.2835	5.1	1.9	4.56
BLK	Blank	<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	<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