

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical sampling and prospecting

TOTAL COST: \$5,657.68

AUTHOR(S): Bernie Kreft

SIGNATURE(S): report signed

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____

YEAR OF WORK: 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5629592

PROPERTY NAME: Sliver Discovery

CLAIM NAME(S) (on which the work was done): GRG, Silver Perim

COMMODITIES SOUGHT: Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093f054

MINING DIVISION: Ominea

NTS/BCGS: 093f12e/093f063

LATITUDE: 53 ° 37 ' _____ " LONGITUDE: 125 ° 30 ' _____ " (at centre of work)

OWNER(S):

1) Bernie Kreft

2) _____

MAILING ADDRESS:

1 Locust Place, Whitehorse YT, Y1A 5G9

OPERATOR(S) [who paid for the work]:

1) as above

2) _____

MAILING ADDRESS:

as above

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Ootsa Group rhyolite, silicification, epithermal, gold, silver, arsenopyrite, brecciation, eocene

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 9790, 11549, 16593, 18189, 19863, 21952,

23904, 27452, 35611

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil 9		AQ201 (15g 36 element)	
Silt			
Rock 14		FA430 (30g fire assay) and AQ300	
Other 3 vegetation/biogeochemical		AQ200 (0.5g 36 element)	
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	\$5,657.68

Assessment Report

**2016 Geochemical Sampling
And
Prospecting Report
On The
Silver Discovery Property
Tenures Worked On: 1030019 and 1030026**

Located In The Nechako Plateau Area
Central British Columbia
Omineca Mining Division
On
NTS: 093F12E
BCGS: 093F063
Latitude 53°37' North and Longitude 125°30' West

By
Bernie Kreft

December 15th, 2016

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Location – The Silver Discovery project is located on BCGS map sheet 093F063 in the Omineca Mining Division approximately 70 kilometers south of Burns Lake BC and 7 kilometres north of Ootsa Lake, centered at 53°7' North and 125°30' West. The showings are located at about the 1050 metre elevation mark approximately 500 metres north of Sam Hardy Lake. A total of seven tenures comprise the project, with claim data found on the following table:

Name	Tenure Numbers	Registered Owner	Expiry Date Y/M/D	Area (Ha)
GRG	1030019	Kreft, John Bernard	2021-08-03	19.18
Silver Perim	1030026	“	2021-08-03	95.89
GRG 2	1030030	“	2021-08-03	19.18
Ag Disc North	1044766	“	2020-08-03	57.52
	1048442	“	2021-08-03	19.18
	1048443	“	2018-08-03	57.54
	1048444	“	2021-08-03	19.18

Access – Access to the property was achieved by truck via the Holy Cross mainline forest service road which leaves HWY37 just east of Fraser Lake at Lejac and the Deerhorn mainline logging road, an approximate 50 minute one-way drive. The property can also be reached by a series of logging roads extending south from either Burns Lake or Vanderhoof.

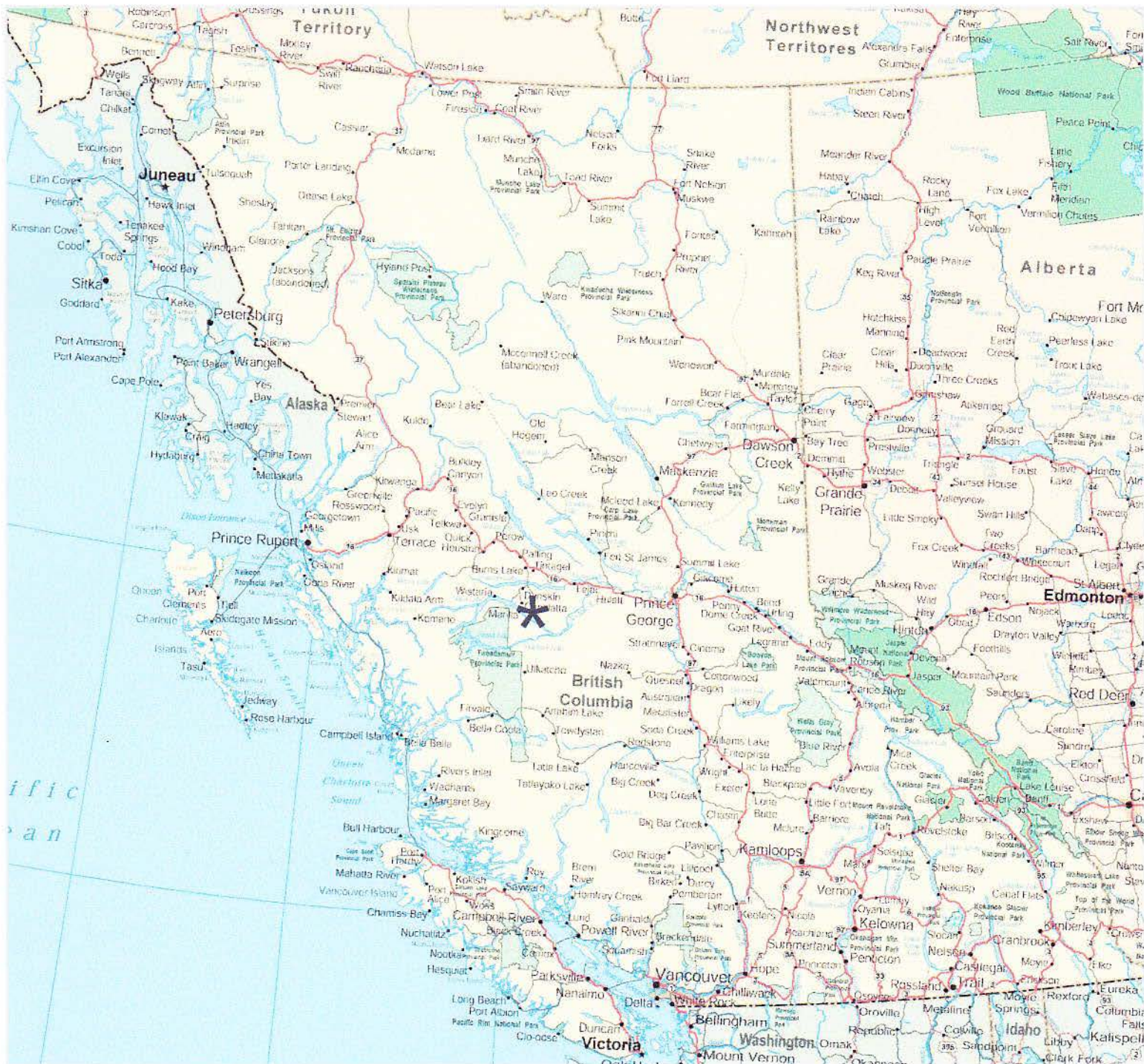
Topography and Vegetation – The property is located on the Nechako plateau, just north of Ootsa Lake which is part of a series of artificial lakes formed behind the Kenney Dam. Upland surfaces are generally comprised of rolling hills with numerous small lakes and marshes, with many of the smaller drainages generally following striations remaining from glacial activity which crossed the area from the SW to NE. Topography in the area is moderate, with elevations ranging from 850 meters on Ootsa Lake to over 1200 meters on hill tops. Outcrop exposures are occasionally found at higher elevations, but become increasingly masked by glacial till at lower elevations.

The main economic activity in the area is logging, with approximately 45% of the property being clear cut which has left logging slash with a light growth of shrubbery and planted trees. Vegetation is dominated by evergreens (pine and spruce) with poplar and cottonwood in low-lying areas, and undergrowth of huckleberry and alder. Large areas of vegetation have been affected by the Rocky Mountain Pine beetle. Along the Nechako Reservoir, any area close to lake level is potentially liable to be flooded with no compensation. There are numerous ranches and farms and some tourism related businesses northwest of the property in the Takysie-Grassy Plains area.

History And Previous Work – A series of assessment reports detailing work completed within, or close to, current property boundaries exist within the public domain. A brief chronological summary of these reports is as follows:

AR09790 – Mar Claims – Guichon Exploration for Selco Exploration – 1981 – Reconnaissance scale grid based mapping, prospecting and sampling efforts encountered several areas of epithermal style alteration and mineralization within a broad belt of Ootsa Group rhyolitic volcanics. Values of up to 70 ppb Au, 375 ppm As and 4.6 ppm Hg were returned from samples of brecciated, kaolinized, bleached and silicified acid flows and tuffs. Traditional B-horizon soil sampling (124 samples) was found to be mostly ineffective due to the effects of glaciation; with the alteration and mineralization located using grid based prospecting and rock sampling.

AR11549 – Mar Claims – Selco Exploration – 1983 – Traditional B-horizon soil sampling (328 samples) on a 100m to 200m x 200m grid was used to follow up several anomalous areas encountered during 1981.



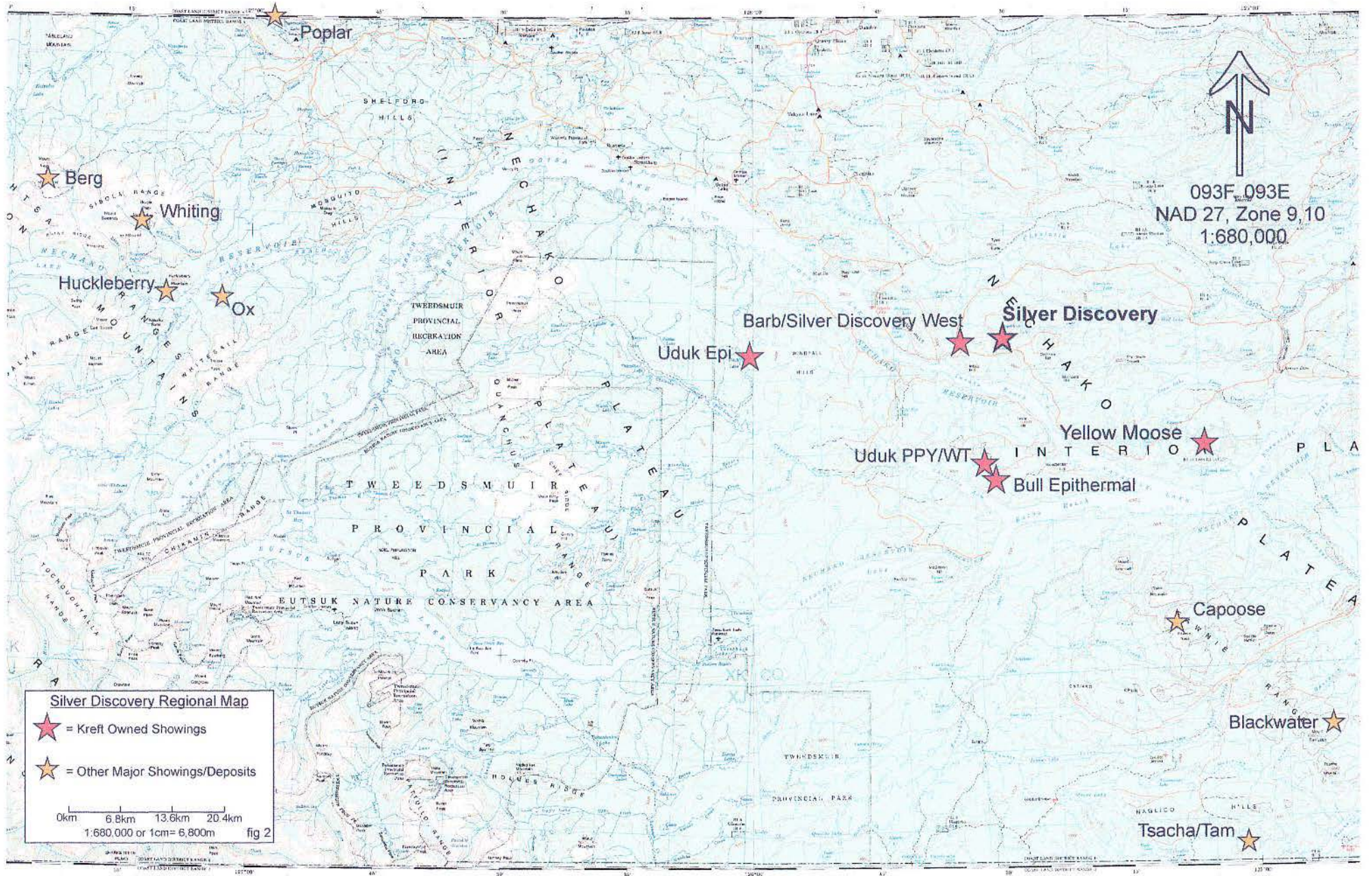
Property Location Map (Provincial)
 To Accompany Silver Discovery Assessment Report

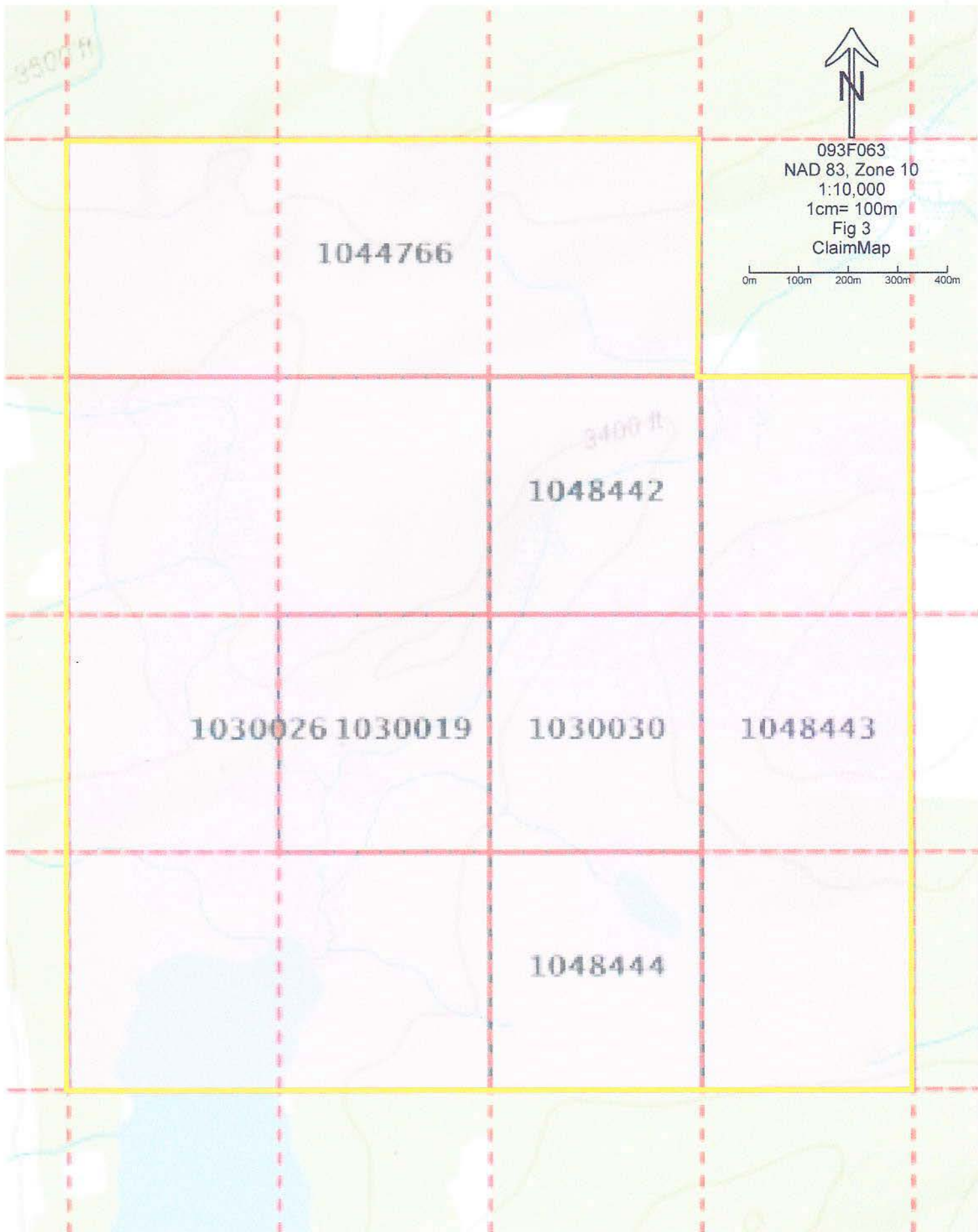
***** = Property Location

Date Drawn: December 17th, 2016
 Drawn By: Jarret Kreft

Fig1



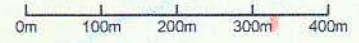




3500 ft



093F063
NAD 83, Zone 10
1:10,000
1cm = 100m
Fig 3
ClaimMap



1044766

3400 ft
1048442

1030026 1030019

1030030

1048443

1048444

No coherent or significant anomalies were developed due to either a lack of mineralization or the masking effects of glacial overburden.

AR16593 – Rhub and Barb Claims – Mingold – 1987 – A total of 2452 B-horizon soil samples and 153 prospecting rock samples were taken from a 25m x 50m grid. This work defined two areas of epithermal style alteration and mineralization, Barb and Silver Discovery, which were subsequently explored by 19 excavator trenches totaling 1040m in length. A total of four trenches failed to reach bedrock. Silver values of up to 17.86 oz/ton and gold values of up to 0.209 oz/ton were subsequently reported for this work in AR 18189.

AR18189 – Mingold – Rhub and Barb Claims – 1988 – A total of 1500 B-horizon soil samples, 15 trenches totaling 365m in length, 27.5 line km of VLF-EM, 6 ddh totaling 1036.9m and 16 rotary holes totaling 1214.9m were used to follow up the Silver Discovery and Barb zones defined by the 1987 field program. Felsic volcanics of the Upper Cretaceous to Eocene Ootsa Lake Group are cut by major fault-fracture zones which are healed by amorphous silica with pyrite-marcasite mineralization. Strong pervasive silicification and kaolinization occurs within and adjacent to the mineralization. Soil sampling was found to be an extremely poor exploration method due to the presence of widespread till. Similar to soils, it was found that the interpretation and subsequent exploration of the VLF-EM data was impacted by the glacially altered topography. Of the 15 trenches attempted only 5 hit bedrock with the remainder terminated due to excessive depths of glacial till. Best trench results were 4.71 oz/t silver and 0.017 oz/t gold over 7 meters in trench MBHT-6 at Silver Discovery. A total of 8 rotary holes were completed at the Barb showing with best results of 1.53m of 0.063 oz/ton gold and 0.18 oz/t Ag. A further 6 rotary holes were completed at Silver Discovery with best results of 4.57m of 0.068 oz/ton gold and 1.05 oz/t Ag. Of the six drillholes completed at Silver Discovery, 4 drillholes intersected precious metal enriched mineralization with a best intersection of 2.75m of approximately 0.124 oz/ton Au and 0.49 oz/ton Ag.

AR19863 – Alta Ventures option from Mingold – Rhub and Barb claims – 1989 – A 24.9 line km IP Survey was conducted in an effort to identify targets with the potential to host epithermal gold and silver mineralization. These targets are expected to be enriched in silica and/or carbonates as well as iron sulphides (pyrite, marcasite, etc.). A major fault system striking N 15°-20° E was interpreted to extend through the Silver Discovery zone area with 3 anomalies occurring along this favorable structure. Drilling was recommended for the three anomalies while further IP survey work was recommended to the northeast and southwest along the fault zone to test for more targets.

AR21952 – Equity Silver option from Mingold – Rhub and Barb claims – 1991 – Equity Silver drilled a total of 5 holes into an IP anomaly defined by Alta Ventures in 1989. Several weakly anomalous precious metals enriched intersections were encountered with the best intersection returning 2.89m of 0.25 gpt Au and 71.0 gpt Ag. It was concluded that pyrite mineralization does not guarantee the presence of gold-silver mineralization and that a structural, chemical or stratigraphic mechanism or trap will be required to develop economic mineralization.

AR23904 – Greg Dawson – Ana claims – 1994 – Dawson conducted a short prospecting program, yielding 12 rock samples and 17 soil samples, on claims staked adjacent to the existing Mingold property. Soil sampling failed to return anomalous results likely due to extensive glacial overburden, while rock sampling returned anomalous values of up to 560 ppb Au and 1123 ppm As from the Silver Discovery Zone. Recommendations include claim staking, geophysics and testing of the efficacy of various analytical methods such as enzyme leach on soil samples in an effort to “see through” the extensive glacial cover.

AR27452 – Southern Rio Resources – Sam claims – 2004 – A total of 16.2 line km of ground magnetometer and VLF-EM surveying were conducted over the Silver Discovery Zone. Results show the presence of a northeast-trending, linear break extending through the central part of the surveyed area, seen in both the ground magnetometer and VLF-EM results which is probably the expression of a fault structure within the underlying bedrock. Several northerly-trending VLF-EM conductors and a northerly-trending magnetic feature were thought to represent underlying, northerly-trending rock units in the local bedrock.

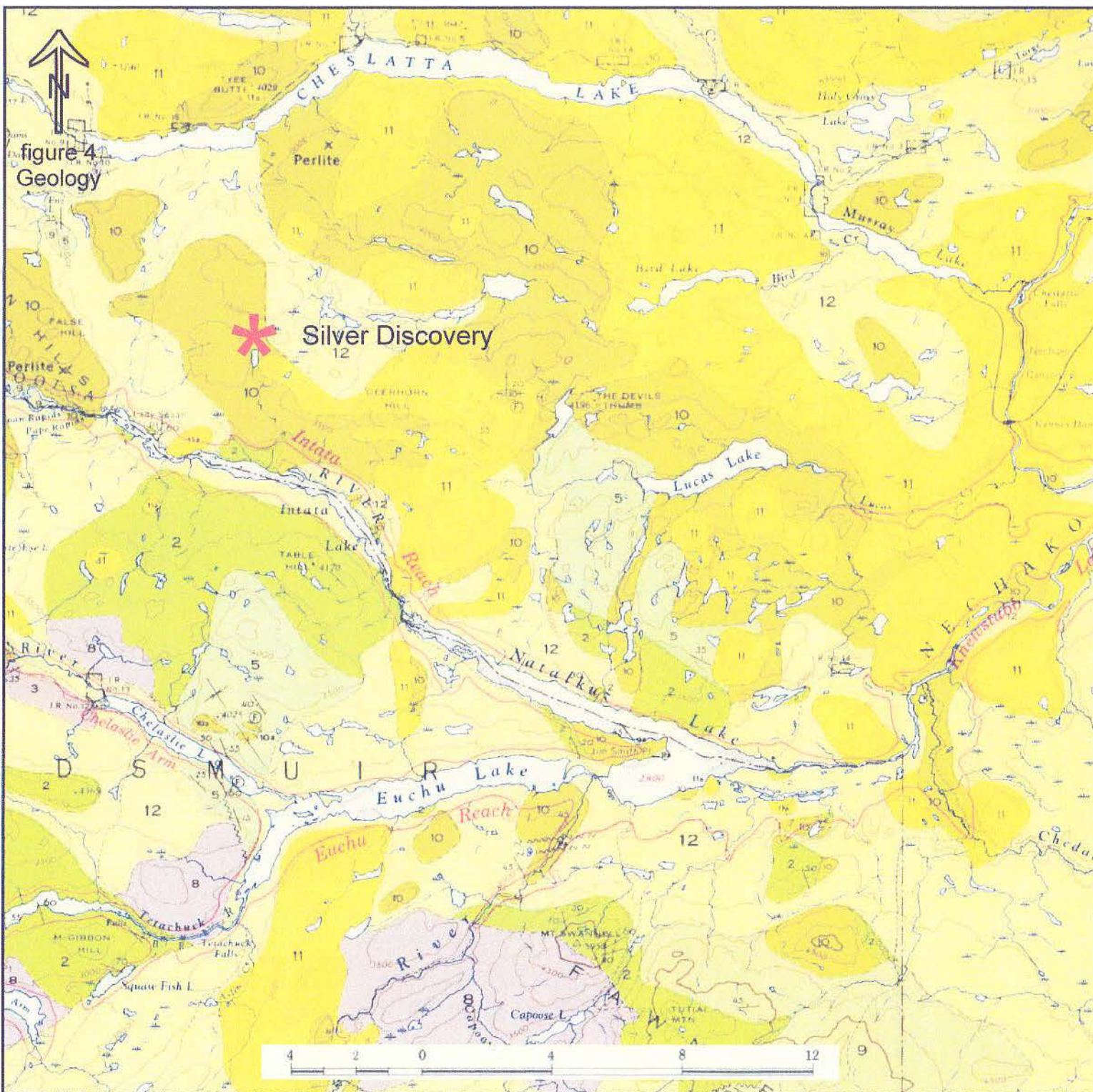
AR32951 – Ron Bilquist – Intata claim – 2011 – A short prospecting program was conducted to assess the Barb Showing. Results returned up to 237 ppb Au along with anomalous arsenic, mercury and molybdenum. Recommendations were for further sampling and prospecting.

AR35611 – Bernie Kreft – Silver Disc Property – 2015 – Exploration work designed to test the efficacy of biogeochemical sampling and to verify historic results was conducted. Biogeochemical sampling focused on immature pine trees returned strongly anomalous values for Ag-As-Au with arsenic values of up to 184.3 ppm from sample KAMV-04, while rock sampling confirmed the presence of highly anomalous gold to 1.045 ppm and silver to 79.4 ppm from rock sampling conducted in the historic trenched area.

Regional Geology – The Silver Discovery claims occur within the central part of the northwest trending Intermontane Belt of the northern Cordillera. The oldest rocks in the area are of the upper Triassic Takla group, which consists of an island arc sequence of intermediate to mafic volcanics overlain by shale, conglomerate and greywacke. These rocks are in turn overlain by the early to mid-Jurassic Hazelton Group, consisting of calc - alkaline basaltic to rhyolitic volcanics overlain by a sedimentary group of greywacke, argillite and conglomerate. The Hazelton Group is unconformably overlain by the Eocene Ootsa Lake Group, which consists mainly of felsic to intermediate sub-aerial flows and pyroclastics. These rocks are in turn overlain by the flat lying andesitic to basaltic flows of the Miocene Endako Group.

Property Geology – The Silver Discovery claims are underlain by felsic volcanics of the Ootsa Lake Group. Previous operators have identified three units on the property: flow banded rhyolite; rhyolite tuff and rhyolite breccia and lahar. All units are affected by varying degrees of silicification and argillization. Surface geology in correlation with diamond drill data appears to indicate that the rhyolites strike 013° with a dip of 25° to the east. Previous operators defined 14 separate zones of epithermal style alteration and or mineralization over about a 22.0 square kilometre area. Subsequent exploration was focused on the Silver Discovery Zone and the Barb Zone. At the Silver Discovery zone, gold and silver mineralization is controlled by a north - northeast trending fault where brecciated and micro-fractured rhyolite is healed by grey to black amorphous silica or cut by a grey to black amorphous silica stockwork. Geophysical surveying, trenching and drilling have defined this zone to be at least 900 metres long by 100-200 metres wide. The only sulfides identified to date are a trace to a few percent very fine grained pyrite and minor arsenopyrite. Gold and silver values do not seem to directly correlate to sulphide content, although a correlation between anomalous precious metals values and enhanced As-Sb-Hg is readily apparent. Alteration around the zones of intense silica flooding is described as strong argillization with minor chloritization.

Current Work and Results – Exploration work at the Silver Discovery Project was conducted on June 16th and yielded 3 vegetation (biogeochemical) samples, 14 rock samples and 9 soil samples. Vegetation samples consisted of a standard 8.5x11 poly rock sample bag half-filled with the last 15cm of branches found on 8 to 12 cm in diameter pine trees. Rock samples were taken from small hand dug pits while soil samples were taken in areas with no vegetation due to logging, at a variable depth, using hand-held soil augers. Sample sites were marked in the field using flagging inscribed with the sample code, with



LEGEND

- QUATERNARY**
PLEISTOCENE AND RECENT
- 12 Till, gravel, sand, clay, and silt
- TERTIARY**
MIOCENE AND (?) LATER
ENDAKO GROUP
- 11 Vesicular and amygdaloidal andesite and basalt, flow breccia, tuff, conglomerate, greywacke, and lignite; 11a, necks, plugs and dykes
- PALEOCENE (?) EOCENE, AND OLIGOCENE**
DOTSA LAKE GROUP (in part)
- 10 Rhyolite, dacite, and associated tuffs and breccias, minor andesite, basalt, and conglomerate, 10a, rhyolite and dacite dykes, necks, and stocks
- CRETACEOUS AND (?) TERTIARY**
UPPER CRETACEOUS AND (?) PALEOCENE
DOTSA LAKE GROUP (in part)
- 9 Basalt, andesite, and related tuffs and breccias, minor rhyolite and dacite, 9a, conglomerate and greywacke
- JURASSIC AND/OR CRETACEOUS**
UPPER JURASSIC AND/OR CRETACEOUS
- 8 Granite, quartz diorite, granodiorite, and diorite
- JURASSIC**
UPPER JURASSIC
- 7 Argillite and argillaceous limestone
- MIDDLE JURASSIC**
HAZELTON GROUP (in part)
- 6 Greywacke, argillite, conglomerate, tuff, breccia, andesite, and alkali, minor rhyolite
- MIDDLE AND (?) LOWER JURASSIC**
HAZELTON GROUP (in part)
- 5 Andesite, related tuffs and breccias, chert pebble conglomerate, shale, and sandstone; 5a, mainly volcanic rocks; 5b, mainly sedimentary rocks
- LOWER JURASSIC**
TOPLEY INTRUSIONS
- 4 4a, granite and granodiorite; 4b, diorite and quartz diorite
- TRIASSIC AND JURASSIC**
UPPER TRIASSIC AND LOWER JURASSIC
TAKLA GROUP (2,3)
- 3 Red and brown shale, conglomerate, and greywacke
- 2 Andesite and basaltic flows, tuffs, and breccias, interbedded argillite and minor limestone
- PALÆOZOIC**
PENNSYLVANIAN (?) AND PERMIAN
CACHE CREEK GROUP
- 1 Limestone
- A Serpentinized pondscote. Probably Mesozoic
- Bedding, tops not indicated (inclined, vertical)
Fault (delineated, approximate, assumed)
Anticline
Syncline
Fossil locality
Mineral occurrence



vegetation and rock samples placed into standard 8.5x11 poly rock sample bags and soil samples placed into standard soil sample envelopes. All samples were analyzed by ACME, with vegetation samples prepped using VA475 (dry 50g and then ash at 475°), rocks were prepped using PRP7-250 (pulverize and 250g split) and soils prepped using SS80 (sieve 100g to -80 mesh). Vegetation samples were analyzed using AQ200 (36 element icp with 0.5g sample size), rocks by FA430 and AQ300 (30g fire assay and 35 element icp with 0.5 gram sample size) while soils were analyzed by AQ201 (36 element icp with 15g sample size).

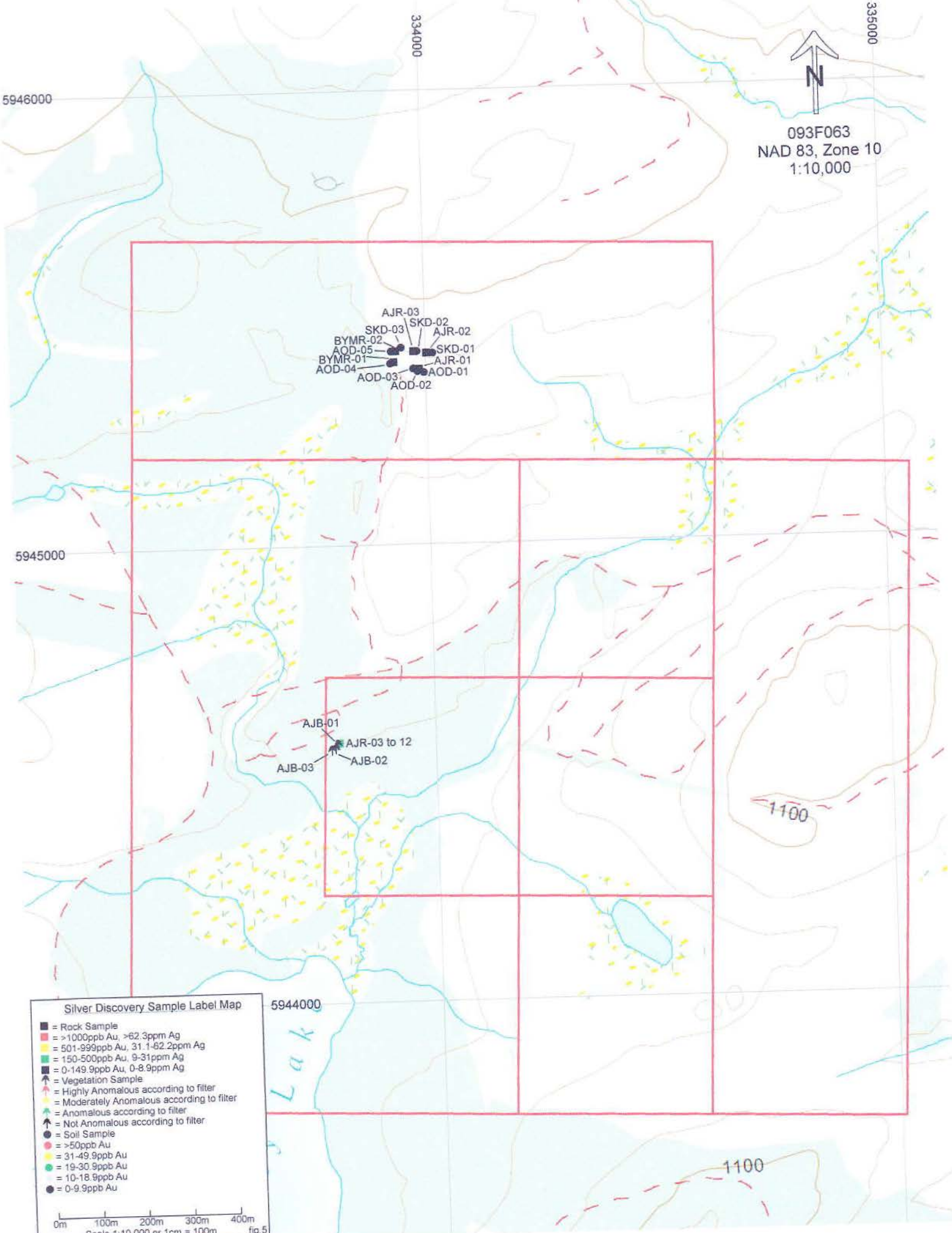
Fieldwork was designed to prospect for potential northern extensions to the main zone and to confirm that previous biogeochem anomalies at the main zone area were both reproducible and directly relatable to bedrock mineralization.

Work designed to confirm whether previous biogeochem anomalies were reproducible and directly relatable to bedrock mineralization was conducted at 2015 sample KAMV-04 which returned 184.3 ppm As and 3.7 ppm Ag; with both values considered strongly anomalous. A 2.4 metre long, 0.6m wide and 0.5m deep trench was excavated starting at the base of the anomalous tree and extending uphill. A total of 8 bedrock samples were taken from this trench, yielding a composite value of 0.083 ppm Au, 5.46 ppm Ag and 807 ppm As over 2.4 metres with individual highs of 0.29 ppm Au, 12.2 ppm Ag and 2788 ppm As. The strongly anomalous Ag-As values from bedrock samples mimics the strongly anomalous Ag-As values returned from the biogeochem sample. Geology consists of variably clay altered and silicified, veined and fractured rhyolite. The 2016 biogeochem sample AJB-01 returned 8.5 ppm Ag and 96 ppm As which is strongly anomalous for those elements and which compares favourably to the original biogeochem sample KAMV-04 which was also strongly anomalous for Ag-As. Together, these results confirm both the effectiveness and reproducibility of biogeochemical sampling in this terrain.

Prospecting was conducted approximately 850 metres north of the main zone in a till covered area at the base of a moderate slope in a recent clear cut. A total of 5 rock samples and 9 till samples were taken, and although no significantly anomalous values were returned, the presence of weakly to moderately anomalous As-Sb-Ag-Au from both rock and soil samples along with the presence of epithermal style textures and alteration within locally derived rock samples suggests a potentially precious metals enriched epithermal system was active within this till covered area. Analytical results from till sampling at SKD-01A (45cm depth) and SKD-01B (75cm depth) suggest that deeper sampling levels may lead to more robust anomalies.

Conclusions – Fieldwork conducted during 2015 and 2016 coupled with the results of a review of previous exploration efforts on, and in the vicinity of, the current project claims confirms the presence of a large northeast trending fault zone with occasional epithermal style alteration and precious metal values cutting Eocene (approx. 56-47ma) Ootsa Lake volcanics, with this setting somewhat analogous to Nevada deposits such as Round Mountain (1986 reserves of 159 million tonnes of 1.37 gpt Au), and Sleeper (1986 geologic reserves of 3.4 million tonnes of 7.5 gpt Au and 27.4 gpt Ag). Although a significant continuous mineralized zone has yet to be identified on the property, this may be due to the fact that controls on precious metal mineralization are poorly understood due to extensive glacial till cover masking bedrock and a lack of a modern property wide geophysical database. Furthermore much of the historical vectoring groundwork consisted of traditional B-horizon soil sampling (approx. 4,400 total samples) which is now known to be an extremely poor sampling medium within glaciated terrain. Therefore a focus of the 2015 and 2016 work by the author consisted of testing the usefulness of non-traditional geochemical sampling techniques such as biogeochem and deep till sampling in this terrain. Although limited in scale and extent results suggest both methods will be better able to identify anomalies than the traditional B-horizon sampling that was previously used. Due to these factors it is the author's opinion that excellent exploration potential remains, both on a property as well as a regional scale.

Recommendations – Further work on the Silver Discovery project is highly recommended and should initially consist of a property wide airborne magnetic and radiometric geophysical survey coupled with a regional as well as property scale mixed biogeochemical/deep till sampling program. Some efforts should be directed towards mapping and trenching the main showing area in an effort to help further define controls on mineralization.



093F063
 NAD 83, Zone 10
 1:10,000

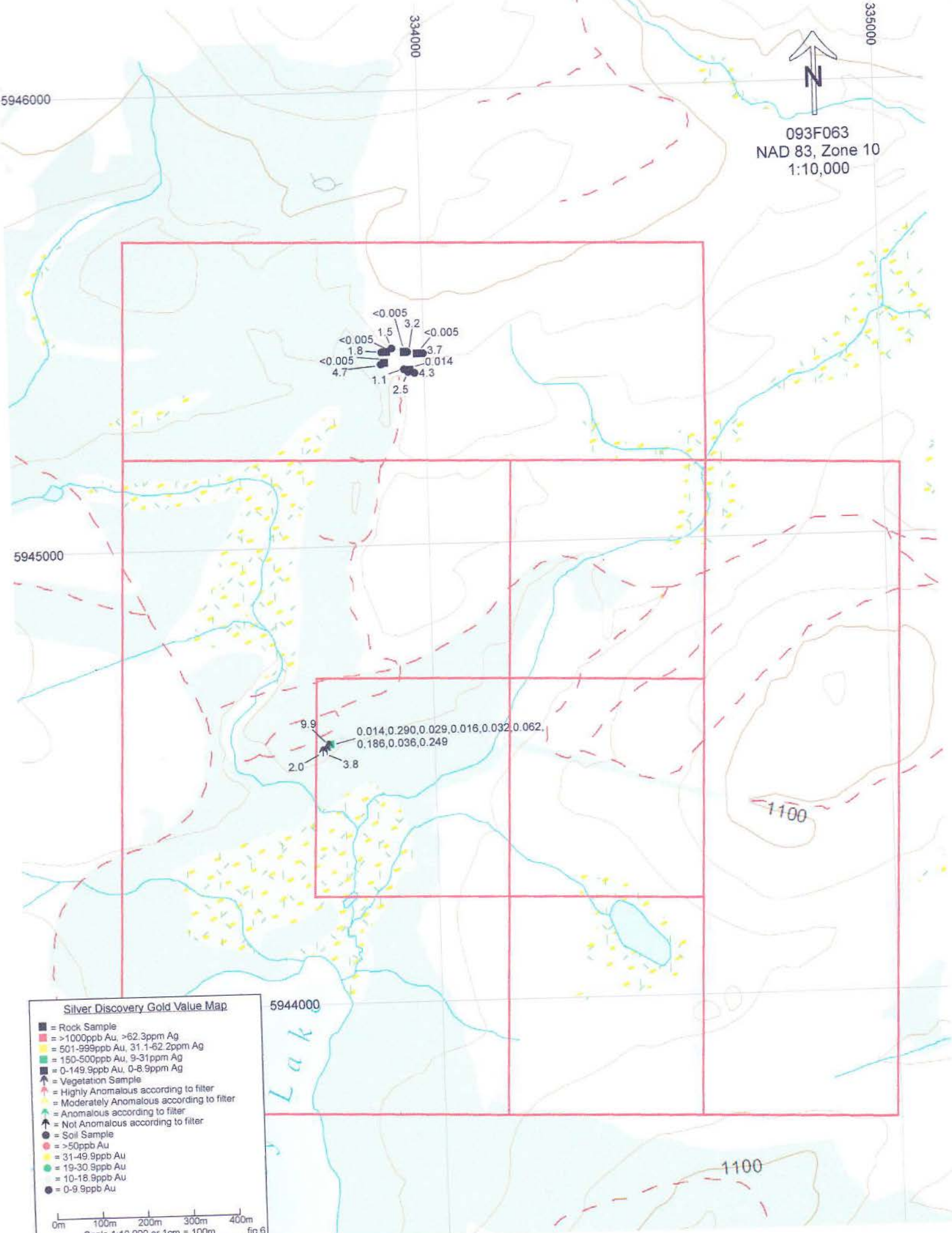
AJR-03
 SKD-02
 AJR-02
 SKD-01
 AJR-01
 AOD-01
 AOD-02
 AOD-03
 BYMR-01
 BYMR-02
 AOD-05

AJB-01
 AJR-03 to 12
 AJB-02
 AJB-03

Silver Discovery Sample Label Map

- = Rock Sample
- = >1000ppb Au, >62.3ppm Ag
- = 501-999ppb Au, 31.1-62.2ppm Ag
- = 150-500ppb Au, 9-31ppm Ag
- = 0-149.9ppb Au, 0-8.9ppm Ag
- ▲ = Vegetation Sample
- ▲ = Highly Anomalous according to filter
- ▲ = Moderately Anomalous according to filter
- ▲ = Anomalous according to filter
- ▲ = Not Anomalous according to filter
- = Soil Sample
- = >50ppb Au
- = 31-49.9ppb Au
- = 19-30.9ppb Au
- = 10-18.9ppb Au
- = 0-9.9ppb Au

0m 100m 200m 300m 400m
 Scale 1:10,000 or 1cm = 100m fig.5



093F063
NAD 83, Zone 10
1:10,000

<0.005
1.5
3.2
<0.005
1.8
3.7
<0.005
0.014
4.7
1.1
4.3
2.5

9.9
0.014, 0.290, 0.029, 0.016, 0.032, 0.062,
2.0
3.8
0.186, 0.036, 0.249

1100

1100

Silver Discovery Gold Value Map

- = Rock Sample
- = >1000ppb Au, >62.3ppm Ag
- = 501-999ppb Au, 31.1-62.2ppm Ag
- = 150-500ppb Au, 9-31ppm Ag
- = 0-149.9ppb Au, 0-8.9ppm Ag
- ▲ = Vegetation Sample
- ▲ = Highly Anomalous according to filter
- ▲ = Moderately Anomalous according to filter
- ▲ = Anomalous according to filter
- ▲ = Not Anomalous according to filter
- = Soil Sample
- = >50ppb Au
- = 31-49.9ppb Au
- = 19-30.9ppb Au
- = 10-18.9ppb Au
- = 0-9.9ppb Au

0m 100m 200m 300m 400m
Scale 1:10,000 or 1cm = 100m fig.6

Silver Discovery Rocks

<u>Name</u>	<u>Easting</u>	<u>Northing</u>	<u>Sample Description</u>	<u>Wgt</u>	<u>Au</u>	<u>Mo</u>	<u>Ag</u>	<u>Fe</u>	<u>As</u>	<u>Sb</u>
BYMR-01	333912	5945400	brecciated and quartz cemented rhyolite	0.77	<0.005	2	0.5	0.79	27	3
BYMR-02	333917	5945424	cherty rhyolite with dark grey patches that are poss vfg sulphide	0.6	<0.005	2	0.4	0.95	17	3
AJR-01	333965	5945382	qtz cemented lim silicic rhyolite brx, weak clay alt some qtz is smokey	0.38	0.014	2	1.5	0.88	423	28
AJR-02	333987	5945419	limonitic rhyolite	0.5	<0.005	<1	<0.3	1.29	17	3
AJR-03	333957	5945423	rhyolite	0.39	<0.005	<1	<0.3	1	3	<3
AJR-04	333771	5944570	weakly limonite rhyolite cut by several mm scale quartz veins	0.36	0.014	2	5.9	0.29	98	<3
AJR-05	333771	5944570	as above with fine py	0.29	0.29	2	4.5	0.36	987	18
AJR-06	333771	5944570	as above	0.74	0.029	3	3	0.34	348	5
AJR-07	333771	5944570	as above	0.34	0.016	3	2.7	0.29	132	4
AJR-08	333771	5944570	as above	0.45	0.032	3	4.5	0.33	123	9
AJR-09	333771	5944570	micro-fractured rhyolite with smokey grey quartz cement	0.68	0.062	6	7.9	0.64	1824	7
AJR-10	333771	5944570	quartz cemented rhyolite breccia	0.31	0.186	20	12.2	0.96	2788	9
AJR-11	333771	5944570	clay altered rhyolite	0.53	0.036	22	3	0.69	162	4
AJR-12	333771	5944570	quartz stockworked rhyolite	0.27	0.249	5	14.8	0.89	1008	10

Silver Discovery Bio Samples

<u>Name</u>	<u>Easting</u>	<u>Northing</u>	<u>Description</u>	<u>Pre Ash Wt</u>	<u>Ashed Wt</u>	<u>Mo</u>	<u>Ag</u>	<u>Fe</u>	<u>As</u>	<u>Au</u>	<u>Sb</u>
AJB-01	333769	5944570	7 to 10cm in diameter pine tree, moderate slope	50.876	1.211	28.2	8.5	0.24	96	9.9	1.3
AJB-02	333764	5944562	7 to 10cm in diameter pine tree, moderate slope	50.242	1.092	16	5.7	0.15	105.3	3.8	0.3
AJB-03	333755	5944559	7 to 10cm in diameter pine tree, moderate slope	50.719	1.258	8.8	0.9	0.13	11.5	2	0.1

Silver Discovery Soils

<u>Sample Code</u>	<u>Easting</u>	<u>Northing</u>	<u>Sample Description</u>	<u>Mo PPM</u>	<u>Ag PPM</u>	<u>Fe %</u>	<u>As PPM</u>	<u>Au PPB</u>	<u>Sb PPM</u>
AOD-01	333980	5945378	glacial till, 50cm depth	1.3	0.2	1.81	31.8	4.3	2.9
AOD-02	333966	5945380	glacial till, 50cm depth	0.5	0.1	1.81	17.8	2.5	1.9
AOD-03	333955	5945386	glacial till, 50cm depth	0.6	<0.1	2.04	9	1.1	0.7
AOD-04	333910	5945400	glacial till, 50cm depth	1.3	1	1.2	58.3	4.7	3.2
AOD-05	333916	5945425	glacial till, 50cm depth	2	0.3	2.33	19.2	1.8	2.4
SKD-01A	333997	5945420	glacial till, 45cm depth	0.5	<0.1	1.9	10.5	3.1	1.7
SKD-01B	333997	5945420	at above site but approx 75cm depth	0.9	0.1	2.94	23.2	3.7	2.6
SKD-02	333958	5945425	glacial till, 50cm depth	0.6	<0.1	1.44	14.9	3.2	1
SKD-03	333927	5945432	glacial till, 50cm depth	0.6	<0.1	1.62	9.7	1.5	0.8

Statement of Costs

Wages Justin Kreft (1.0 field day x \$300/day) June 16 th , 2016	\$300.00
Wages Jarret Kreft (1.0 field day x \$300/day) June 16 th , 2016	\$300.00
Wages Kyle Eide (1.0 field day x \$300/day) June 16 th , 2016	\$300.00
Wages Bernie Kreft (1.0 field day x \$400/day) June 16 th , 2016	\$400.00
Acme Analytical (14 rocks, 9 soils, 3 biogeochemical)	\$750.30
Report Writing, Mailing and Duplication	\$1,350.00
Food, Field Supplies, Camp (4 x 1 days x \$150/day)	\$600.00
Truck Travel 887 kilometres x \$0.75/km	\$665.25
0.4 day travel - wages for 4 people (wages as above)	\$520.00
0.4 day travel - food and hotel for 4 people (\$100/day/person)	\$160.00
Sample Shipping Greyhound	\$42.72
Sub Total	\$5,388.27
5% Management Fee	\$269.41
Total	\$5,657.68

Statement Of Qualifications

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

I have 30 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 ^{June 16th} ~~May 9-12~~ of the 2016 field season.

This report is based on fieldwork completed on the Silver Discovery Project

Respectfully Submitted,



Bernie Kreft



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

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: June 27, 2016
Report Date: July 12, 2016
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN16001037.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 63

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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 YT Y1A 5G9
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	63	Dry at 60C			VAN
SS80	63	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	63	Save all or part of Soil Reject			VAN
FA430	19	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ200	14	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
AQ201	30	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DRPLP	63	Warehouse handling / disposition of pulps			VAN
DRRJT	63	Warehouse handling / Disposition of reject			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.



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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: July 12, 2016

Bureau Veritas Commodities Canada Ltd.
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PHONE (604) 253-3158

Page: 2 of 4

Part: 2 of 4

CERTIFICATE OF ANALYSIS

VAN16001037.1

Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ201	AQ201	AQ201
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Mo	Cu	Pb
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.1	0.1	0.1
SKD-01A	Soil																	0.5	12.7	6.1
SKD-01B	Soil																	0.9	23.5	8.2
SKD-02	Soil																	0.6	7.0	5.4
SKD-03	Soil																	0.6	6.3	4.9
JND-01	Soil	9	24	0.43	186	0.038	<20	1.70	0.014	0.07	0.4	0.05	4.8	0.1	<0.05	5	<0.5	<0.2		
JND-02	Soil	8	23	0.42	143	0.045	<20	1.45	0.015	0.09	<0.1	0.05	5.5	0.1	<0.05	4	<0.5	<0.2		
JND-03	Soil	15	27	0.75	191	0.063	<20	1.73	0.029	0.09	<0.1	0.06	8.6	0.2	<0.05	5	<0.5	<0.2		
JND-04	Soil	19	33	0.64	243	0.029	<20	2.13	0.016	0.10	<0.1	0.07	8.7	0.1	<0.05	7	<0.5	<0.2		
JND-05	Soil	9	28	0.75	182	0.066	<20	1.71	0.024	0.12	<0.1	0.04	6.9	0.2	<0.05	5	<0.5	<0.2		
JND-06	Soil	8	31	0.74	215	0.066	<20	1.81	0.034	0.15	<0.1	0.02	6.9	0.1	<0.05	6	<0.5	<0.2		
NKD-01	Soil	7	26	0.48	172	0.051	<20	1.65	0.015	0.10	<0.1	0.04	4.7	0.1	<0.05	6	<0.5	<0.2		
NKD-02	Soil	8	26	0.57	188	0.058	<20	1.40	0.018	0.11	<0.1	0.03	4.8	<0.1	<0.05	7	<0.5	<0.2		
NKD-03	Soil	8	24	0.51	152	0.032	<20	1.22	0.013	0.13	<0.1	0.05	4.6	0.1	0.06	5	<0.5	<0.2		
NKD-04	Soil	7	30	0.61	168	0.050	<20	2.33	0.013	0.10	<0.1	0.04	6.1	0.1	<0.05	6	<0.5	<0.2		
NKD-05	Soil	8	33	0.72	181	0.039	<20	2.72	0.014	0.08	<0.1	0.05	6.5	0.1	<0.05	8	<0.5	<0.2		
NKD-06	Soil	8	30	0.64	181	0.033	<20	2.55	0.011	0.08	<0.1	0.05	6.1	0.1	<0.05	7	<0.5	<0.2		
NKD-07	Soil	21	25	0.31	297	0.022	<20	1.95	0.009	0.08	<0.1	0.05	5.5	<0.1	<0.05	7	<0.5	<0.2		
NKD-08	Soil	11	29	0.57	252	0.030	<20	2.02	0.014	0.09	<0.1	0.05	6.8	0.1	<0.05	7	<0.5	<0.2		
QKS-01	Soil																			
QKS-02	Soil																			
QKS-03	Soil																			
QKS-04	Soil																			
QKS-05	Soil																			
QKS-06	Soil																			
QKS-07	Soil																			
QKS-08	Soil																			
QKS-09	Soil																			
QKS-10	Soil																			
QKS-11	Soil																			
QKS-12	Soil																			

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: July 12, 2016

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

Page: 2 of 4

Part: 3 of 4

CERTIFICATE OF ANALYSIS

VAN16001037.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
		Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
Unit		ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm
MDL		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	1	0.01	1
SKD-01A	Soil	30	<0.1	10.2	5.1	195	1.90	10.5	3.1	2.7	41	<0.1	1.7	0.2	48	0.38	0.059	14	22	0.27	168
SKD-01B	Soil	53	0.1	18.9	10.0	529	2.94	23.2	3.7	4.1	70	<0.1	2.6	0.2	55	0.58	0.077	21	25	0.49	211
SKD-02	Soil	42	<0.1	6.6	4.0	287	1.44	14.9	3.2	2.0	27	<0.1	1.0	0.1	34	0.21	0.033	12	13	0.21	103
SKD-03	Soil	29	<0.1	6.4	4.0	186	1.62	9.7	1.5	2.0	23	<0.1	0.8	<0.1	38	0.21	0.035	11	12	0.20	102
JND-01	Soil																				
JND-02	Soil																				
JND-03	Soil																				
JND-04	Soil																				
JND-05	Soil																				
JND-06	Soil																				
NKD-01	Soil																				
NKD-02	Soil																				
NKD-03	Soil																				
NKD-04	Soil																				
NKD-05	Soil																				
NKD-06	Soil																				
NKD-07	Soil																				
NKD-08	Soil																				
QKS-01	Soil																				
QKS-02	Soil																				
QKS-03	Soil																				
QKS-04	Soil																				
QKS-05	Soil																				
QKS-06	Soil																				
QKS-07	Soil																				
QKS-08	Soil																				
QKS-09	Soil																				
QKS-10	Soil																				
QKS-11	Soil																				
QKS-12	Soil																				

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: July 12, 2016

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

Page: 2 of 4

Part: 4 of 4

CERTIFICATE OF ANALYSIS

VAN16001037.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
Analyte	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
SKD-01A	Soil	0.090	<1	0.89	0.029	0.05	<0.1	0.17	3.6	<0.1	<0.05	3	<0.5	<0.2
SKD-01B	Soil	0.068	<1	1.43	0.046	0.08	<0.1	0.22	6.4	0.1	<0.05	4	<0.5	<0.2
SKD-02	Soil	0.073	<1	0.76	0.017	0.07	<0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
SKD-03	Soil	0.076	<1	0.69	0.018	0.05	<0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
JND-01	Soil													
JND-02	Soil													
JND-03	Soil													
JND-04	Soil													
JND-05	Soil													
JND-06	Soil													
NKD-01	Soil													
NKD-02	Soil													
NKD-03	Soil													
NKD-04	Soil													
NKD-05	Soil													
NKD-06	Soil													
NKD-07	Soil													
NKD-08	Soil													
QKS-01	Soil													
QKS-02	Soil													
QKS-03	Soil													
QKS-04	Soil													
QKS-05	Soil													
QKS-06	Soil													
QKS-07	Soil													
QKS-08	Soil													
QKS-09	Soil													
QKS-10	Soil													
QKS-11	Soil													
QKS-12	Soil													

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: July 27, 2016
Report Date: July 15, 2016
Page: 1 of 5

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

CERTIFICATE OF ANALYSIS

VAN16001038.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 118

SAMPLE DISPOSAL

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VA475	118	Vegetation Ashing at 475	50		VAN
Split Ash from VA475	118	Analysis sample split/packet			VAN
SVRJRT	116	Save all or part of Soil Reject			VAN
AQ200	118	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
DRPLP	118	Warehouse handling / disposition of pulps			VAN
DRRJRT	118	Warehouse handling / Disposition of reject			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 YT 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.



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Client: Kreft, Bernie
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: July 15, 2016

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

Page: 5 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN16001038.1

Method	VA475	VA475	VA475	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Rec. Wt	Ash	Wshed Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
Unit	g	g	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	0.001	0.001	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	0.1
WKB-07	Vegetation	50.233	2.050	2.9	52.9	5.4	930	0.2	22.8	4.6	>10000	0.22	3.2	2.9	<0.1	770	4.4	0.1	<0.1	2
WKB-08	Vegetation	50.749	2.219	1.8	42.8	2.1	1211	0.1	17.6	3.0	>10000	0.17	2.0	2.2	<0.1	617	3.1	<0.1	<0.1	<2
WKB-09	Vegetation	50.222	1.491	1.5	62.3	4.4	1092	0.2	37.6	3.0	>10000	0.20	1.8	2.6	<0.1	682	2.0	0.1	<0.1	<2
WKB-10	Vegetation	50.413	1.581	1.6	78.9	15.5	984	<0.1	21.1	4.8	>10000	0.47	1.1	1.8	0.1	425	8.0	0.2	<0.1	6
WKB-11	Vegetation	50.935	1.770	1.5	68.7	4.2	640	0.2	33.1	6.4	>10000	0.43	0.8	3.9	0.1	501	5.0	0.2	<0.1	6
WKB-12	Vegetation	50.118	1.877	1.2	43.7	5.6	935	<0.1	27.8	4.2	>10000	0.31	1.1	<0.5	<0.1	681	2.8	0.1	<0.1	3
WKB-13	Vegetation	50.351	1.757	1.8	64.0	3.3	771	0.1	50.3	6.4	>10000	0.30	1.1	2.4	<0.1	730	2.3	0.1	<0.1	3
WKB-14	Vegetation	50.591	1.906	2.1	71.2	2.6	1434	<0.1	31.9	6.6	>10000	0.43	0.8	2.2	0.1	649	4.6	<0.1	<0.1	6
WKB-15	Vegetation	50.640	1.688	1.0	95.3	3.0	933	0.1	10.6	3.7	>10000	0.46	1.4	2.9	0.2	685	2.1	0.2	<0.1	8
WKB-16	Vegetation	50.896	2.041	1.4	74.7	7.2	932	0.1	37.0	11.5	>10000	0.77	1.8	3.7	0.2	613	3.0	0.2	<0.1	14
WCJV-01	Vegetation	50.275	1.948	1.6	65.9	3.6	820	<0.1	24.9	7.8	>10000	0.45	1.2	2.5	0.2	737	2.3	0.2	<0.1	7
WCJV-02	Vegetation	50.393	1.413	1.1	98.1	5.3	1104	<0.1	28.0	9.3	>10000	0.30	0.9	5.3	0.1	534	3.6	<0.1	<0.1	4
WCJV-03	Vegetation	50.548	1.648	1.6	68.4	3.1	938	<0.1	20.5	5.9	>10000	0.27	<0.5	1.2	<0.1	494	4.4	0.1	<0.1	<2
WCJV-04	Vegetation	50.077	1.737	1.4	51.8	3.0	839	<0.1	25.7	4.7	>10000	0.18	0.6	1.5	<0.1	655	2.5	<0.1	<0.1	<2
WCJV-05	Vegetation	50.407	1.519	2.3	72.6	4.3	789	<0.1	25.7	6.1	>10000	0.24	<0.5	0.8	<0.1	905	3.8	<0.1	<0.1	<2
WCJV-06	Vegetation	50.271	1.588	1.6	79.9	3.2	916	0.2	41.3	5.2	>10000	0.20	0.7	4.1	<0.1	688	3.2	<0.1	<0.1	2
WCJV-07	Vegetation	50.892	1.596	1.3	78.6	3.2	1141	0.1	24.1	2.9	>10000	0.29	0.6	2.7	<0.1	500	5.1	0.1	<0.1	4
WCJV-08	Vegetation	50.209	1.669	1.7	71.1	4.2	765	0.1	14.4	4.7	>10000	0.42	1.0	0.9	0.2	505	1.8	0.2	<0.1	7
WCJV-09	Vegetation	50.679	1.544	1.1	82.1	2.9	1102	<0.1	28.8	6.4	>10000	0.41	1.1	2.1	0.2	607	2.2	0.1	<0.1	7
WCJV-10	Vegetation	50.172	1.491	1.7	82.2	4.2	892	0.1	22.7	7.7	>10000	0.36	0.7	4.6	0.1	414	1.8	0.1	<0.1	5
WCJV-11	Vegetation	50.554	1.340	1.8	69.6	5.0	2367	0.2	21.6	5.7	>10000	0.24	0.9	3.2	<0.1	783	2.6	0.1	<0.1	3
WCJV-12	Vegetation	50.213	1.761	1.2	63.1	3.8	814	<0.1	9.1	5.6	>10000	0.19	0.6	1.9	<0.1	761	2.1	0.1	<0.1	3
WCJV-13	Vegetation	50.492	1.519	1.8	75.0	3.6	993	<0.1	24.3	5.0	>10000	0.49	1.2	1.4	0.2	489	2.6	0.2	<0.1	8
WCJV-14	Vegetation	50.336	1.854	0.9	73.0	2.1	799	<0.1	13.0	3.7	>10000	0.19	0.5	4.1	<0.1	687	1.3	<0.1	<0.1	3
WCJV-15	Vegetation	50.735	1.459	2.2	99.6	3.5	755	0.1	10.2	2.8	8805	0.36	1.4	5.4	0.1	1006	0.9	0.2	<0.1	7
AJB-01	Vegetation	50.876	1.211	28.2	102.2	7.3	1130	8.5	18.9	3.1	>10000	0.24	96.0	9.9	0.2	343	3.7	1.3	<0.1	<2
AJB-02	Vegetation	50.242	1.092	16.0	88.2	3.6	1615	5.7	13.5	1.3	>10000	0.15	105.3	3.8	<0.1	255	4.3	0.3	<0.1	<2
AJB-03	Vegetation	50.719	1.258	8.8	78.7	3.0	1126	0.9	6.3	1.3	>10000	0.13	11.5	2.0	<0.1	306	2.5	0.1	<0.1	<2

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BUREAU VERITAS
MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Client: Kreft, Bernie
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: July 15, 2016

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

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CERTIFICATE OF ANALYSIS

VAN16001038.1

Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.5	0.2	
WKB-07	Vegetation	23.02	3.486	<1	2	2.34	793	0.023	196	0.76	0.060	>10	0.1	<0.01	0.5	0.3	0.41	6	<0.5	<0.2
WKB-08	Vegetation	23.91	2.910	<1	1	1.01	1605	0.019	207	0.72	0.068	>10	<0.1	<0.01	0.2	0.4	0.55	5	<0.5	<0.2
WKB-09	Vegetation	20.27	3.982	<1	2	2.08	379	0.026	245	0.75	0.082	>10	<0.1	<0.01	0.5	0.3	0.51	5	<0.5	<0.2
WKB-10	Vegetation	18.71	4.220	<1	7	2.00	561	0.032	301	0.56	0.110	>10	<0.1	<0.01	0.9	0.6	0.58	6	<0.5	<0.2
WKB-11	Vegetation	22.24	3.546	<1	7	2.82	746	0.028	179	0.58	0.119	>10	<0.1	<0.01	0.9	0.4	0.35	6	<0.5	<0.2
WKB-12	Vegetation	22.69	2.903	<1	4	2.23	1148	0.023	209	1.04	0.102	>10	<0.1	<0.01	0.6	0.5	0.27	5	<0.5	<0.2
WKB-13	Vegetation	20.05	4.556	<1	4	2.51	234	0.030	337	0.76	0.077	>10	<0.1	<0.01	0.7	0.3	0.75	6	<0.5	<0.2
WKB-14	Vegetation	19.69	3.477	<1	7	2.75	1491	0.029	255	0.83	0.117	>10	<0.1	<0.01	0.8	0.4	0.43	6	<0.5	<0.2
WKB-15	Vegetation	18.06	4.130	<1	7	1.96	966	0.034	277	0.28	0.143	>10	<0.1	<0.01	1.0	<0.1	0.55	6	<0.5	<0.2
WKB-16	Vegetation	21.47	2.271	2	13	2.36	402	0.032	119	0.95	0.141	9.69	0.1	<0.01	1.7	0.7	0.52	6	<0.5	<0.2
WCJV-01	Vegetation	23.95	2.760	<1	7	1.59	985	0.026	349	0.74	0.151	>10	0.1	<0.01	1.0	0.2	0.50	6	<0.5	<0.2
WCJV-02	Vegetation	17.15	>5	<1	4	2.99	464	0.035	265	0.41	0.133	>10	<0.1	<0.01	0.7	<0.1	0.82	6	<0.5	<0.2
WCJV-03	Vegetation	19.33	4.262	<1	3	2.48	2057	0.028	193	0.43	0.082	>10	<0.1	<0.01	0.4	0.2	0.44	4	<0.5	<0.2
WCJV-04	Vegetation	21.44	4.620	<1	2	2.73	745	0.028	199	0.65	0.066	>10	<0.1	<0.01	0.3	0.3	0.50	4	<0.5	<0.2
WCJV-05	Vegetation	21.61	4.641	<1	3	2.07	638	0.029	155	0.59	0.090	>10	<0.1	<0.01	0.5	0.4	0.43	5	<0.5	<0.2
WCJV-06	Vegetation	22.67	4.237	<1	3	3.08	682	0.026	234	0.47	0.106	>10	<0.1	<0.01	0.4	<0.1	0.63	5	<0.5	<0.2
WCJV-07	Vegetation	20.12	3.770	<1	4	2.73	326	0.026	299	0.45	0.142	>10	<0.1	<0.01	0.7	<0.1	0.81	5	<0.5	<0.2
WCJV-08	Vegetation	22.64	3.700	<1	7	1.77	1023	0.030	288	0.50	0.117	>10	<0.1	<0.01	0.9	<0.1	0.48	5	<0.5	<0.2
WCJV-09	Vegetation	18.52	4.153	1	6	2.61	1380	0.032	222	0.57	0.149	>10	<0.1	<0.01	1.0	0.3	0.54	3	<0.5	<0.2
WCJV-10	Vegetation	15.05	4.586	<1	5	1.89	955	0.032	340	0.66	0.144	>10	<0.1	<0.01	0.9	<0.1	0.92	3	<0.5	<0.2
WCJV-11	Vegetation	22.36	3.082	<1	4	2.87	541	0.022	229	0.37	0.153	>10	0.1	<0.01	0.6	0.4	0.55	3	<0.5	<0.2
WCJV-12	Vegetation	25.28	2.654	<1	3	1.70	774	0.019	159	0.29	0.151	>10	0.1	<0.01	0.4	<0.1	0.55	2	<0.5	<0.2
WCJV-13	Vegetation	17.43	4.084	<1	8	2.38	1004	0.033	251	0.71	0.158	>10	0.1	<0.01	1.2	0.3	0.54	4	<0.5	<0.2
WCJV-14	Vegetation	21.33	3.355	<1	3	1.82	1224	0.021	191	0.30	0.114	>10	<0.1	<0.01	0.5	<0.1	0.33	2	<0.5	<0.2
WCJV-15	Vegetation	20.36	4.413	<1	6	2.53	575	0.031	314	0.25	0.135	>10	<0.1	<0.01	0.7	<0.1	0.80	3	<0.5	<0.2
AJB-01	Vegetation	14.09	4.751	1	2	4.27	222	0.029	135	3.54	0.161	>10	0.1	<0.01	0.4	0.1	1.24	3	<0.5	<0.2
AJB-02	Vegetation	14.51	4.882	<1	1	3.99	196	0.026	260	4.56	0.130	>10	<0.1	<0.01	0.2	<0.1	0.82	2	<0.5	<0.2
AJB-03	Vegetation	20.08	3.935	<1	<1	4.52	279	0.021	171	3.48	0.108	>10	<0.1	<0.01	0.3	<0.1	0.65	2	<0.5	<0.2

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**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: June 27, 2016
Report Date: July 21, 2016
Page: 1 of 4

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

CERTIFICATE OF ANALYSIS

VAN16001036.2

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 70

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 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 YT Y1A 5G9
CANADA

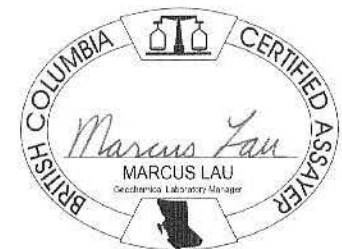
CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	70	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	45	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ300	25	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
AQ201	25	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DRPLP	70	Warehouse handling / disposition of pulps			VAN
DRRJT	70	Warehouse handling / Disposition of reject			VAN
FA330	9	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : FA330-Au Pt Pd included.



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CERTIFICATE OF ANALYSIS

VAN16001036.2

Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
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	0.5	3	3	1	0.01	0.001	
BYMR-01	Rock	0.77	<0.005	2	6	11	9	0.5	1	1	99	0.79	27	13	8	<0.5	3	<3	6	0.05	0.018
BYMR-02	Rock	0.60	<0.005	2	13	15	12	0.4	3	<1	71	0.95	17	15	18	<0.5	3	<3	10	0.05	0.019
BYMR-03	Rock	1.04	0.180	3	3	12	4	1.6	<1	<1	41	0.94	2497	9	8	<0.5	72	<3	<1	0.03	0.012
BYMR-04	Rock	0.29	0.086	13	3	10	12	2.5	1	1	31	1.28	3857	5	30	<0.5	37	<3	2	0.05	0.007
BYMR-05	Rock	0.63	0.007	8	2	12	6	<0.3	<1	<1	33	0.63	48	7	4	<0.5	<3	<3	1	0.02	0.005
BYMR-06	Rock	0.57	<0.005	3	1	14	21	<0.3	<1	<1	80	0.28	20	7	40	<0.5	5	<3	1	0.55	0.004
BYMR-07	Rock	0.42	<0.005	5	2	16	9	<0.3	<1	<1	50	0.68	34	6	22	<0.5	6	<3	<1	0.42	0.004
BYMR-08	Rock	0.61	<0.005	5	3	13	18	<0.3	<1	<1	80	0.44	102	8	57	<0.5	8	<3	2	0.52	0.004
BYMR-09	Rock	0.61	<0.005	7	1	4	12	<0.3	<1	<1	42	0.59	102	7	4	<0.5	<3	<3	1	0.06	0.004
BYMR-10	Rock	0.93	<0.005	4	1	9	21	<0.3	<1	<1	95	1.07	16	9	15	<0.5	<3	<3	2	0.21	0.004
BYMR-11	Rock	0.76	0.086	<1	16	7	26	<0.3	5	42	1606	2.62	1516	<2	37	<0.5	<3	6	41	3.52	0.055
AJR-01	Rock	0.38	0.014	2	6	8	5	1.5	<1	<1	36	0.88	423	8	8	<0.5	28	<3	3	0.05	0.006
AJR-02	Rock	0.50	<0.005	<1	7	6	19	<0.3	1	2	205	1.29	17	18	13	<0.5	3	<3	13	0.12	0.024
AJR-03	Rock	0.39	<0.005	<1	3	6	22	<0.3	1	2	155	1.00	3	12	6	<0.5	<3	<3	16	0.09	0.029
AJR-04	Rock	0.36	0.014	2	1	10	<1	5.9	<1	<1	25	0.29	98	13	14	<0.5	<3	<3	2	0.12	0.012
AJR-05	Rock	0.29	0.290	2	3	<3	1	4.5	<1	<1	15	0.36	987	13	10	<0.5	18	<3	2	0.09	0.015
AJR-06	Rock	0.74	0.029	3	1	10	<1	3.0	<1	<1	16	0.34	348	15	12	<0.5	5	<3	2	0.10	0.016
AJR-07	Rock	0.34	0.016	3	<1	4	<1	2.7	<1	<1	20	0.29	132	14	11	<0.5	4	<3	2	0.10	0.011
AJR-08	Rock	0.45	0.032	3	1	5	<1	4.5	<1	<1	17	0.33	123	13	11	<0.5	9	<3	2	0.08	0.008
AJR-09	Rock	0.68	0.062	6	3	3	2	7.9	<1	<1	21	0.64	1824	12	12	<0.5	7	<3	2	0.08	0.068
AJR-10	Rock	0.31	0.186	20	4	6	2	12.2	<1	<1	42	0.96	2788	11	22	<0.5	9	<3	2	0.07	0.096
AJR-11	Rock	0.53	0.036	22	2	7	<1	3.0	<1	<1	14	0.69	162	6	13	<0.5	4	<3	1	0.09	0.009
AJR-12	Rock	0.27	0.249	5	5	6	3	14.8	<1	<1	48	0.89	1008	10	14	<0.5	10	<3	3	0.06	0.029
RJR-01	Rock	0.48	<0.005	2	16	6	10	<0.3	13	10	303	4.04	67	<2	16	<0.5	<3	<3	91	0.92	0.084
RJR-02	Rock	0.36	<0.005	<1	2	<3	29	<0.3	1	<1	97	0.67	2	13	3	<0.5	<3	<3	7	0.02	0.005
BNKR-01	Rock	0.68																			
BNKR-02	Rock	0.86																			
NKR-01	Rock	0.60																			
NKR-02	Rock	0.88																			
NKR-03	Rock	0.39																			

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BUREAU VERITAS

MINERAL LABORATORIES
Canada

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: July 21, 2016

Bureau Veritas Commodities Canada Ltd.

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Page: 2 of 4

Part: 2 of 4

CERTIFICATE OF ANALYSIS

VAN16001036.2

Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Mo	Cu	Pb	Zn
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	0.1	0.1	0.1	1	0.1
BYMR-01	Rock	23	3	0.06	69	0.009	<20	0.40	0.05	0.18	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
BYMR-02	Rock	20	5	0.07	189	0.015	<20	0.47	0.05	0.19	<2	0.14	<1	<5	<5	<5	<5	<5	<5	<5
BYMR-03	Rock	32	3	<0.01	147	0.001	<20	0.23	0.05	0.19	<2	<0.05	5	<5	<5	<5	<5	<5	<5	<5
BYMR-04	Rock	46	1	0.01	661	<0.001	<20	0.34	0.04	0.20	<2	0.33	6	<5	<5	<5	<5	<5	<5	<5
BYMR-05	Rock	34	3	0.01	11	0.001	<20	0.53	0.02	0.23	<2	0.07	<1	<5	<5	<5	<5	<5	<5	<5
BYMR-06	Rock	36	<1	0.03	35	0.012	<20	0.75	0.93	0.39	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
BYMR-07	Rock	35	<1	0.01	35	0.006	<20	0.62	0.95	0.29	<2	0.10	<1	<5	<5	<5	<5	<5	<5	<5
BYMR-08	Rock	38	1	0.03	51	0.011	<20	0.73	0.81	0.26	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
BYMR-09	Rock	27	3	0.02	10	0.007	<20	0.34	0.12	0.20	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
BYMR-10	Rock	39	2	0.03	31	0.016	<20	0.46	0.39	0.22	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
BYMR-11	Rock	2	5	0.22	110	0.126	<20	1.07	0.01	0.12	<2	0.27	<1	<5	6	<5	<5	<5	<5	<5
AJR-01	Rock	24	3	0.02	53	0.002	<20	0.26	<0.01	0.22	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
AJR-02	Rock	25	3	0.13	77	0.007	<20	0.72	0.04	0.15	<2	<0.05	<1	<5	6	<5	<5	<5	<5	<5
AJR-03	Rock	31	3	0.14	99	0.059	<20	0.36	0.08	0.39	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
AJR-04	Rock	24	1	0.04	123	<0.001	<20	0.61	<0.01	0.28	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
AJR-05	Rock	25	<1	0.03	58	<0.001	<20	0.52	<0.01	0.28	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
AJR-06	Rock	30	2	0.03	84	<0.001	<20	0.54	<0.01	0.31	<2	0.05	<1	<5	<5	<5	<5	<5	<5	<5
AJR-07	Rock	28	3	0.03	77	<0.001	<20	0.49	<0.01	0.28	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
AJR-08	Rock	26	2	0.02	93	0.001	<20	0.41	0.01	0.29	<2	0.05	<1	<5	<5	<5	<5	<5	<5	<5
AJR-09	Rock	22	3	0.02	79	<0.001	<20	0.40	<0.01	0.26	<2	0.09	<1	<5	<5	<5	<5	<5	<5	<5
AJR-10	Rock	20	3	0.02	117	<0.001	<20	0.44	<0.01	0.30	<2	0.13	<1	<5	<5	<5	<5	<5	<5	<5
AJR-11	Rock	15	2	0.03	70	<0.001	<20	0.43	<0.01	0.27	<2	0.20	<1	<5	<5	<5	<5	<5	<5	<5
AJR-12	Rock	20	2	0.03	98	<0.001	<20	0.54	<0.01	0.35	<2	0.20	1	<5	<5	<5	<5	<5	<5	<5
RJR-01	Rock	3	33	0.80	41	0.163	<20	1.45	0.07	0.07	<2	2.29	<1	<5	8	7	<5	<5	<5	<5
RJR-02	Rock	24	4	0.07	60	0.042	<20	0.32	0.07	0.34	<2	<0.05	<1	<5	<5	<5	<5	<5	<5	<5
BNKR-01	Rock															1.2	1.6	2.6	52	<0.1
BNKR-02	Rock															0.2	106.2	1.2	47	0.1
NKR-01	Rock															0.5	13.9	3.5	36	<0.1
NKR-02	Rock															1.8	48.3	21.1	130	0.2
NKR-03	Rock															1.4	3.6	1.1	48	<0.1

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.