| COMMODITIES SOUGHT: Au-Ag   |                     |             |  |                     |             |             |          |
|---|---------------------|-------------|--|---------------------|-------------|-------------|----------|
| MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:                      |                     |             |  |                     |             |             |          |
| MINING DIVISION: Nicola   | N                   | NTS/BCGS:   | 092H1  | 6/092H090           |             |             |          |
| ATITUDE: 49 0 50 " LONGITUDE: 120                                   | _ ° _               | )3 '        |  | (at centre of wo    | rk)         |             | -        |
| WNER(S):  |                     |             |  |                     |             |             |          |
| ) John Bernard Kreft  | 2)                  |             |  |                     |             |             |          |
| IAILING ADDRESS:  | 6 X <del></del>     |             |  |                     |             |             |          |
| 1 Locust Place, Whitehorse YT, Y1A 5G9                              | s <u>a</u>          |             | 100000000000000000000000000000000000000      |                     |             |             | 1        |
| PERATOR(S) [who paid for the work]:                                 | 6 9 <del>8</del>    |             |  |                     |             |             |          |
| ) as above  | 2)                  |             |  |                     |             |             | 10       |
| -   | i )) <del>i -</del> |             | . H.   |                     |             |             |          |
| IAILING ADDRESS:<br>as above  |                     |             |  |                     |             |             |          |
|   | e 79 <del></del>    |             |  |                     |             |             |          |
| PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, | alterat             | ion, minera | lization,                                    | size and attitude): |             |             | 00100    |
| God, Silver, Brenda Mines, Elk-Siwash, gold vein, silicification, p |                     |             |  |                     |             |             |          |
|   | 0.000               |             |  |                     | 100         |             |          |
|   |                     |             |  |                     |             | <u> </u>    |          |
|   |                     |             | 1000 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 |                     |             |             | 10.001 - |
| REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT RI            | EPORT               | NUMBERS     | 19899  | 9, 21058, 23923     | , 24468, 25 | )43, 33492, | 8        |
| 35691   |                     |             |  |                     |             |             |          |



BRITISH COLUMBIA The Best Place on Earth

BC Geological Survey

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

AUTHOR(S): Bernie Kreft

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

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5630342

PROPERTY NAME: Crest

-----.....

| COMMODITIES SOUGHT: Au-Ag                      |                                      |
|--|--------------------------------------|
| MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: |                                      |
| MINING DIVISION: Nicola                        | NTS/BCGS: 092H16/092H090             |
| LATITUDE: <u>49</u> ° <u>50</u> '              | <sup>o</sup> 03" (at centre of work) |
| DWNER(S):                                      | 2)                                   |
| 1) John Bernard Kreft                          | _ 4/                                 |
| MAILING ADDRESS:                               |                                      |
| 1 Locust Place, Whitehorse YT, Y1A 5G9         |                                      |
| OPERATOR(S) [who paid for the work]:           | 78 M                                 |
| 1) as above                                    | 2)                                   |



**Title Page and Summary** 

YEAR OF WORK: 2016

TOTAL COST: 2,418.27

SIGNATURE(S): report signed

| TYPE OF WORK IN<br>THIS REPORT                 | EXTENT OF WORK<br>(IN METRIC UNITS)        | ON WHICH CLAIMS | PROJECT COSTS<br>APPORTIONED<br>(incl. support) |
|--|--|-----------------|---|
| GEOLOGICAL (scale, area)                       |  | 20              |   |
| Ground, mapping                                |  |                 |   |
| Photo interpretation                           |  |                 |   |
| GEOPHYSICAL (line-kilometres)                  |  |                 |   |
| Ground   |  |                 |   |
|  |  |                 | 1997  |
| Electromagnetic                                |  |                 |   |
| Induced Polarization                           |  |                 |   |
| Radiometric                                    |  |                 |   |
| Seismic  |  |                 |   |
| Other  |  |                 | #** 0° 1  |
| Airborne                                       |  |                 |   |
| GEOCHEMICAL<br>number of samples analysed for) |  |                 |   |
| Soil   |  |                 |   |
| Silt   |  |                 |   |
| Rock   |  |                 |   |
| Other  |  |                 |   |
| RILLING  |  |                 |   |
| total metres; number of holes, size)<br>Core   |  |                 |   |
| Non-core                                       | 147 X 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                 |   |
|  |  |                 |   |
| Sampling/assaying 6 rocks for                  | icp and fire assay                         |                 |   |
| Petrographic                                   |  |                 | in an       |
|  |  |                 |   |
| Matellumia                                     |  |                 | alimen an air air ann ann ann                   |
| PROSPECTING (scale, area)                      |  |                 |   |
| REPARATORY / PHYSICAL                          |  |                 |   |
| Line/grid (kilometres)                         |  |                 |   |
| Topographic/Photogrammetric<br>(scale, area)   |  |                 |   |
| Legal surveys (scale, area)                    |  |                 |   |
| Road, local access (kilometres)/t              | rail                                       |                 |   |
|  |  |                 |   |
| Underground dev. (metres)                      |  |                 | i i de a d        |
| 750  |  |                 |   |
|  |  | TOTAL COST:     | \$2,418.27                                      |
|  |  |                 |   |

BC Geological Survey Assessment Report 36320

Assessment Report

2016 Geochemical Sampling And Prospecting Report On The Crest Project Tenures Worked On: 1039143

Located In The Trepanege Plateau Area Southern British Columbia Nicola Mining Division NTS: 092H16 BCGS: 092H090 Latitude 49° 50' North and Longitude 120° 03' West

> By Bernie Kreft (owner, author)

January 5th, 2017

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Summary – The Crest Project ("the Project") is located in southern British Columbia, approximately 40 kilometres west-southwest of Kelowna, approximately 4.5 kilometres southwest of the Brenda Mines open pit and 18 kilometres east of the Fairfield/Almadden Siwash/Elk past producing high-grade gold mine. A compilation of historical exploration data pertaining to the Project area shows numerous rock samples with anomalous gold values to 8.534 oz/T gold along with gold in soil anomalies concentrated within the central portion of the current property. Historical trenching of several of the gold in soil anomalies encountered values of up to 8840 ppb Au over 1.0 meter and 0.145 oz/T over 4.0 meters. During the period 2009-2012 geochemical sampling and prospecting was conducted in an effort to verify and further define the historical results. This work resulted in the collection of 31 rock samples and 62 soil samples. Rock samples returned up to 32.6 ppm Au (along with weakly anomalous bismuth, silver and tungsten) from a grab sample of a narrow east-northeast trending quartz vein, while soil sampling returned values of up to 1.125 ppm gold. The 2015 program focused on further soil sampling and prospecting in the vicinity of the 2012 soil sample that returned 1.125 ppm gold. This work resulted in the definition of a strong east-northeast trending open-ended soil anomaly with up to 2.572 pm gold located approximately 10-15 metres north of the nearest historical trench. Recommendations for further work consisted of soil sampling and prospecting along with a trenching program, provided the impetus for the 2016 program reported herein.

**Location And Access** – The Project is located in the Trepanege Plateau area of southern British Columbia near the headwaters of Murray Tree Creek, 3.5 kilometres northwest of Headwater Lakes and approximately 4.0 kilometres southwest of the open pit of the past producing Brenda Cu-Mo mine. The nearest community is Peachland located approximately 23 kilometres to the southeast. The 2016 work area is located in the northeast corner of the 1:250,000 Hope Mapsheet, on BCGS mapsheet 092-H-90 centred at approximate coordinates of latitude 49° 50' north and longitude 120° 03' west.

The Project is located 7.0 kilometres south of the Coquihalla Connector (Highway 97c). A well developed series of gravel logging roads provides ready access to all portions of the area. Several access routes are possible; the preferred method of access is to follow the Headwater Lakes FSR > Peachland FSR > Energizer FSR departing from the community of Peachland Creek, alternate access can be gained from highway 97c via the Sunshine Main logging road. A northwest trending BC Hydro powerline cuts diagonally through the west side of the property.

**Topography And Vegetation** – Elevations range from 1790m near the peak of the hill at the north edge of the Project, to 1520 metres on the south edge of the Project. Slopes are generally moderate with some local, steeper sections. The Project is blanketed by glacial till, varying in depth from 1.0 to as much as 10 metres or more, the presence of which restricts bedrock exposures to local windows and patches. Glacial movement was generally from the north to south or southeast with minor local variations due to topography. The area is densely forested with pine, spruce, balsam, and fir, with a slight thinning of vegetation at higher elevations and in steeper areas. Variably aged clear-cut logging plots, many of which are covered with dense second growth, are scattered throughout the area. Annual temperatures range from -25° c to 30° C, precipitation is moderate, and the area is generally snow-free from early June through mid-October. See below for a Google Earth snapshot of the area.











**Property Title** – The Project consists of 7 mineral claims totalling 541.4 hectares staked using the BC Government's Mineral Titles Online (MTO) staking system. Bernard Kreft owns a 100% interest in and to these claims with no underlying royalties, option agreements or other encumbrances. Claim data is detailed on the following table:

| Title Number | Claim Name   | Owner         | Good To Date | Area (ha) |
|--------------|--------------|---------------|--------------|-----------|
| 1039137      |              | 114661 (100%) | 2020/oct/29  | 20.8304   |
| 1039143      |              | 114661 (100%) | 2020/oct/29  | 83.3289   |
| 1040745      | CREST WEST   | 114661 (100%) | 2016/dec/28  | 83.3307   |
| 1047256      |              | 114661 (100%) | 2016/dec/28  | 20.8154   |
| 1047264      |              | 114661 (100%) | 2017/oct/14  | 83.3029   |
| 1047267      | brenda perim | 114661 (100%) | 2018/oct/10  | 166.5569  |
| 1047268      | brenda       | 114661 (100%) | 2019/oct/10  | 83.2728   |

**Property Exploration History** – Mineral exploration and development in the vicinity of the Project has been dominated by the exploration and development of porphyry copper-molybdenum deposits and vein or shear hosted gold targets best exemplified by Brenda Mines and Siwash/Elk respectively.

At Brenda Mines, a copper-molybdenum porphyry deposit saw production totalling 177 million tonnes grading 0.169 % Cu and 0.043 % Mo, between 1970 and 1990. The deposit is hosted by quartz diorite of the Brenda Stock, which is part of the much larger Pennask Batholith. It has been described as a belt of Cu-Mo mineralization extending north-easterly from the Nicola volcanic-Brenda stock contact and reaching depths of more than 300 metres below surface. Chalcopyrite and molybdenite are the principal sulphide minerals and are found almost entirely in fine, fracture-filling veinlets accompanied by minor pyrite. The Brenda deposit, unlike most porphyry copper systems, exhibits only weak hydrothermal alteration and low sulphide mineral content, comprising 1.0 to 1.5% metallic mineralization (MinFile Report 92HNE047).

At Siwash/Elk, (located 18 km to the west) open pit and underground mining from 1992 to 1995 produced 51,750 ounces of gold from 18,400 tons of ore averaging about 2.8 oz/ton gold (Almaden Minerals Ltd website). The property is underlain by Upper Triassic volcanics and sediments of the Nicola Group and by Middle Jurassic granite and granodiorite of the Osprey Lake Batholith. Gold-silver mineralization is hosted primarily by pyritic quartz veins and stringers 5-70 centimetres thick cutting sericitic to phyllic altered granite and in some cases volcanic rocks. Gold occurs primarily in its native form and is commonly found in association with pyrite along with anomalous amounts of bismuth and copper. Mineralized features generally strike ENE and dip moderately to steeply south. Mineralization is thought to be related to Tertiary tectonic and intrusive events as inferred from cross-cutting relationship, assuming the veins are indeed Tertiary in age, late stage Otter intrusive (early tertiary) activity may have acted as the heat source to drive the mineralizing fluids (AR# 29009).

Other than Fairfield's regional gold exploration activities (unpublished reports) which started in 1986, the only documented previous mineral exploration in the area of the Crest Project occurred in the late 1960's and revolved around the search for copper-molybdenum mineralization similar to Brenda Mines. A chronological summary of publicly available exploration data subsequent to the staking of the project by Fairfield Minerals in 1990 is as follows:

Fairfield Metals – Crest Claims – AR#19899 – 1989 – This report provides a rough description of regional activities by Fairfield during the period 1986-89. Work consisted of regional scale soil sampling

and prospecting highlighted by the identification of 8 rock samples with greater than 1g/t gold to a high of 8650 ppb gold, 7 of which were sourced from the current Project area. Based on these highly anomalous rock sample results and previously defined (but not reported on) soil anomalies, further work consisting of mapping, prospecting, VLF geophysical surveying, and trenching was recommended.

Fairfield Metals – Crest Claims – AR#21058 – 1990 – A large-scale property wide program yielded over 5500 soil samples the analyses of which returned numerous gold in soil anomalies to 680 ppb Au, many of which were located within the current Project area. Prospecting and rock sampling was also undertaken, with rock sample values of up to 8.534 oz/T Au and 35.7 oz/T Ag from pieces of hematitic and drusy quartz vein float with traces of pyrite and galena (possibly bismuthinite?). Further work including overburden drilling and associated deep soil sampling to be followed by trenching was recommended.

Fairfield Metals – Pen Claims – AR#23923 – 1994 – Further prospecting and rock sampling was conducted throughout the Project area and several gold in soil anomalies were further defined. Two of these soil anomalies were trenched, resulting in the identification of numerous areas of bedrock gold mineralization grading up to 0.145 oz/T over 4.0 meters and 0.258 oz/T over 1.0 meter. The best gold values are associated with variably anomalous tungsten, bismuth, arsenic and molybdenum and were found within east-west trending veins and shears cutting silicified and skarnified volcanic rocks. A total of 594 metres of trench were cut, yielding 230 total samples. Bedrock was found to be covered by as much as 1.5 metres of till.

Fairfield Metals – Crest Claims – AR#24468 - 1995 – Soil sampling was conducted in an effort to better define existing anomalies, while further trenching totalling 111 meters in 2 trenches was completed. Sporadic mineralization grading up to 0.056 oz/T was returned from a 0.5 x 0.5 meter trench panel sample but the source(s) for the highest grade soil and rock float samples remained to be defined. Further trenching was recommended to follow up the yet to be sourced anomalous samples.

Fairfield Metals – Crest Claims – AR#25043 – 1996 – Further trenching totalling 243 linear metres and yielding 100 total samples was conducted just north of the existing Project boundary. Best results were 1687 ppb Au over a 3.0 meter section of veins and shears within silicified and skarnified volcanics. The overall results from the Project were thought to be encouraging, with bedrock sources for some of the strongest gold soil anomalies and best-grade float occurrences remaining to be determined, and continuity of mineralization remaining to be fully defined.

Kreft – Current Claims – 2009 – A one day prospecting and mapping program undertaken to assess the potential of the property yielded a total of 23 rock samples from the various trench areas and along the main access road. Results verified the presence of anomalous gold values and appeared to suggest bulk tonnage potential based on the presence of anomalous gold values from samples of altered rock with no veining or from samples of only weakly altered rock with hairline fractures lined with quartz and limonite. Potential for new discoveries was proven by the discovery of a 4 centimetre wide east-northeast striking podiform quartz vein mineralized with trace pyrite and ?bismuthinite and hosted by silicified volcanics, a 10 centimetre wide chip sample of which returned 32.6 ppm gold. Mineralized veins were found to be predominantly east-northeast striking.

Kreft – Current Claims – 2012 – Soil sampling and prospecting returned results of up to 4.15 ppm Au from a sample of limonitic veinlets in moderately silicified fine grained volcanic rock and up to 1.125 ppm Au from soil samples. The highest gold in soil value was located approximately 25 metres north of the closest historical trench suggesting that the historical trenching had failed to properly test the area.

Kreft – Current Claims – 2015 – A one-day soil sampling and prospecting program was centred on the 2012 soil sample site that returned 1.125 pm Au. A 60 metre long east-northeast trending anomaly open to the east with values of up to 2.572 ppm Au was encountered. Recommendations for trenching, soil sampling and further prospecting were made.

This synopsis of historical exploration data suggests that the gold mineralization located within the Crest Project claims is concentrated within a series of shears and structurally controlled quartz veins similar to Elk/Siwash, possibly existing as part of a more widespread intrusive related system characterized by silicification, skarn alteration, quartz veining, visible gold, anomalous tungsten, bismuth, arsenic and molybdenum but otherwise limited amounts of sulphides. It may also be that the Elk/Siwash style Au-Bi As veins and shears are best developed within the brittle hornfels aureole of the local intrusive bodies, with the molybdenum and tungsten existing as a by-product of the hornfelsing as opposed to being a part of the gold mineralizing event.

**Regional Geology** – Regional geology in the area of the Crest Project is shown on the northeast part of GSC Map 41-1989, Hope, by J.W.H. Monger, 1989 and the northwest part of GSC Map 1736A, Penticton, by D.J. Templeman-Kluit, 1989 which are condensed on Figure 2. The area is underlain predominantly by a large pendant consisting of volcanic and sedimentary rocks of the Upper Triassic Nicola Group in contact to the east with granodiorite of the Late Triassic to Early Jurassic Pennask Batholith. Nicola Group lithologies consist of felsic to mafic flows and tuffs interspersed with argillite, siltstone and limestone units. The batholith is comprised of white to grey, medium to fine grained granodiorite. Widespread silicification and bleaching of argillite and volcanic rocks is present near intrusive contacts. Quartz veining is locally abundant, and is generally concentrated near the edges of the batholith and within the adjacent silicified volcanics and to a lesser extent the sediments. Early Tertiary feldspar porphyry stocks and dykes of the Otter Intrusions occur throughout the area. Porphyry style copper-molybdenum mineralization has been mined from Pennask Batholith intrusive rocks at the Brenda deposit near the east contact of the Nicola pendant, immediately east of the Project claim, while high grade gold veins, best developed within an intrusive and adjacent silicified volcanics, have been exploited on the Elk/Siwash property located approximately 18 kilometres to the west.

**Property Geology** – The property is predominantly underlain by Nicola group volcanics and lesser sediments which are variably silicified, with occasionally abundant disseminated pyrite and pyrrhotite and local calc-silicate or skarn development. Within the Project locally abundant quartz veins and stringers have been found cutting siliceous volcanics and argillite. The quartz is glassy grey to opaque white or dark rosy with generally sparse disseminated pyrite and minor fine black grains, possibly specular hematite or bismuthinite. Veins located to date appear to be irregular and discontinuous, with variable attitudes, and widths generally less than 10 centimeters. Some of the larger veins are pegmatitic and contain coarse intergrown micas and feldspar. Grab and chip samples from individual veins and from altered rock with quartz stringers has returned numerous gold analyses of greater than 1000 ppb gold, up to 32.6 ppm gold. Also, a sample of hematitic quartz chips in overburden yielded assays of 8.534 oz/ton Au, 35.72 oz/ton Ag (C90-R13/1990). The style and distribution of mineral showings found to date suggests the presence of a substantial mineralized system, with significant gold grades returned from samples of low-sulphide quartz veins, sheeted vein sets and stockworks. The overall geological environment at is similar to that which occurs on the Elk/Siwash property 18 km to the west where highgrade gold quartz vein structures are hosted by granitic batholith and adjacent Nicola volcanic rocks. Although most of the veins at Elk/Siwash contain abundant sulphides (mainly pyrite), extensive ore sampling results also show a significant gold-bismuth correlation similar to the gold bearing showings found on the Crest Project.



**Current Work and Results** – Work was conducted on the 15<sup>th</sup> of October and consisted of hand trenching and rock sampling at the site of the 2015 soil sample that returned 2.527 ppm gold. A single hand trench approximately 1.6m long, 0.7m wide and 0.6m deep was excavated, exposing a large amount of silicified volcanic rubble-crop or subcrop, 6 rock samples of which were taken. Samples were sent to Bureau Veritas in Vancouver, with rocks prepared using prep code PRP70-250 and analyzed using their FA430 (30g gold fire assay with AA finish) package along with their AQ300 package (33 element aqua regia ICP-ES finish).

Trenching exposed abundant angular silicified volcanic rubble-crop with no obvious alteration or veining. A total of 6 samples were taken with a maximum value of 0.042 ppm Au returned and no significantly anomalous pathfinder elements.

**Conclusions** – Hand trenching at the site of a 2.527 ppm gold soil anomaly encountered silicified volcanic rubble-crop analyses of which returned only background gold values. The source for the soil anomaly likely lies in an up-ice or north-northwesterly direction. Further trenching will be required to define a source for this anomaly.

**Recommendations** – A small excavator trenching program is recommended. A single trench starting at the site of the gold soil anomaly and extending up-ice for approximately 20 metres, or until sufficient causative alteration and mineralization is encountered, should be a sufficient test of the anomaly. Further work will be dependent on trenching results.





## Crest 2016 Sample Table

| Sample  | Property | Easting | Northing | Description   |      | Au      | Pb | Ag   | As | <u>Sb</u> | <u>Bi</u> | W  |
|---------|----------|---------|----------|---|------|---------|----|------|----|-----------|-----------|----|
| BCKR-01 | Crest    | 711865  | 5525925  | mod silicic and hflsd volcanic tr py rare fractures | 0.57 | 0.009   | 3  | <0.3 | <2 | <3        | <3        | <2 |
| BCKR-02 | Crest    | 711865  | 5525925  | n TT  | 0.22 | 0.042   | 3  | <0.3 | 2  | <3        | <3        | <2 |
| BCKR-03 | Crest    | 711865  | 5525925  | 9   | 0.6  | 0.034   | 4  | <0.3 | <2 | <3        | <3        | <2 |
| BCKR-04 | Crest    | 711865  | 5525925  | II.   | 0.41 | 0.018   | <3 | <0.3 | <2 | <3        | <3        | <2 |
| BCKR-05 | Crest    | 711865  | 5525925  | 0   | 0.36 | 0.011   | <3 | <0.3 | <2 | <3        | <3        | <2 |
| BCKR-06 | Crest    | 711865  | 5525925  | II.   | 0.15 | < 0.005 | <3 | <0.3 | 4  | <3        | <3        | <2 |

## **Statement Of Qualifications**

I, Bernie Kreft, directed the exploration work described herein.

I have over 30 years prospecting experience in the Yukon and British Columbia.

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

This report is based on fieldwork completed on October 15th 2016.

This report is based on fieldwork completed in the Brenda Mines area.

Respectfully Submitted,

Bernie Kreft

## **Statement Of Costs**

255

| Truck Travel (1 round trip) 271.0km x \$0.75/km                                  | \$203.25   |
|--|------------|
| Wages Justin Kreft (1 field days x \$350/day) October 15 <sup>th</sup> , 2015    | \$350.00   |
| Acme Analytical (6 rocks)  | \$201.99   |
| Report Preparation   | \$975.00   |
| Wages Michal Lipsack (1.0 field day x \$250/day) October 15 <sup>th</sup> , 2015 | \$250.00   |
| Food, Field Supplies (2 x 1.0 day x \$100/day)                                   | \$200.00   |
| Wages Justin Kreft (0.25 day sample pack and ship and trip prep)                 | \$87.50    |
| Sample Shipping Greyhound  | \$35.37    |
| Sub Total  | \$2,303.11 |
| 5% Management Fee  | \$115.16   |
| Total  | \$2,418.27 |



MINERAL LABORATORIES

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

### CLIENT JOB INFORMATION

www.bureauveritas.com/um

### Kreft a-Vancouver

nber 02, 2016 ber 21, 2016

Crush, split and pulverize 250 g rock to 200 mesh

Lead Collection Fire - Assay Fusion - AAS Finish

Lead collection fire assay 30G fusion - Grav finish

1:1:1 Aqua Regia digestion ICP-ES analysis

Environmental disposal charge-Fire assay lead waste

Test

30

0.5

30

Wgt (g)

Report

Status

Completed

Completed

Completed

Lab

VAN

VAN

VAN

VAN

VAN

VAN

| Project:           | None Given                    | Procedure |
|--------------------|-------------------------------|-----------|
| Shipment ID:       |                               | Code      |
| P.O. Number        |                               | BAT01     |
| Number of Samples  | 19                            | PRP70-250 |
| remoter of Dampies |                               | FA430     |
| SAMPLE DISI        | 14209                         | EN002     |
| UNIT LE DIO        | ODAL                          | AQ300     |
| DISP-PLP           | Dispose of Pulp After 90 days | FA530     |

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 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 Verilas 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.

Client:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

**Code Description** 

Batch charge of <20 samples

Number of

Samples

1

19

19

19

19

1

ADDITIONAL COMMENTS

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

| Submitted By:  | Bernie |
|----------------|--------|
| Receiving Lab: | Canada |
| Received:      | Novem  |
| Report Date:   | Decem  |
| Page:          | 1 of 2 |



**EUREAU** MINERAL LABORATORIES

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

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

|         |      | Method<br>Analyte | WGHT<br>Wgt | FA430<br>Au | AQ300<br>Mo | AQ300<br>Cu | AQ300<br>Pb | AQ300<br>Zn | AQ300<br>Ag | AQ300<br>Ni | AQ300<br>Co | AQ300<br>Mn | AQ300<br>Fe | AQ300<br>As | AQ300<br>Th | AQ300<br>Sr | AQ300<br>Cd | AQ300<br>Sb | AQ300<br>Bi | AQ300<br>V | AQ300<br>Ca | AQ300<br>P |
|---------|------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|------------|
|         |      | Unit              | kg          | 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      |
| BCKR-01 | Rock |                   | 0.57        | 0.009       | <1          | 9           | 3           | 61          | <0.3        | 1           | 2           | 160         | 1.93        | <2          | 2           | 18          | <0.5        | <3          | <3          | (          | 0.10        | 0.019      |
| BCKR-02 | Rock |                   | 0.22        | 0.042       | <1          | 5           | 3           | 60          | <0.3        | 1           | 2           | 149         | 1.91        | 2           | <2          | 13          | <0.5        | <3          | <3          | 6          | 0.08        | 0.019      |
| BCKR-03 | Rock |                   | 0.60        | 0.034       | <1          | 7           | 4           | 62          | <0.3        | <1          | 1           | 77          | 1.36        | <2          | <2          | 3           | <0.5        | <3          | <3          | 6          | 0.05        | 0.018      |
| BCKR-04 | Rock |                   | 0.41        | 0.018       | <1          | 3           | <3          | 44          | <0.3        | 1           | 2           | 161         | 2.06        | <2          | 3           | 5           | <0.5        | <3          | <3          | 6          | 0.06        | 0.020      |
| BCKR-05 | Rock |                   | 0,36        | 0.011       | <1          | 5           | <3          | 70          | <0.3        | 2           | 3           | 158         | 2.03        | <2          | 2           | 6           | <0.5        | <3          | <3          | 6          | 0,09        | 0.022      |
| BCKR-06 | Rock |                   | 0.15        | <0.005      | <1          | 8           | <3          | 56          | <0.3        | 1           | 2           | 183         | 1.77        | 4           | 4           | 10          | <0.5        | <3          | <3          | 4          | 0.28        | 0.017      |
| 01      | Rock |                   | 0.37        | 0.013       | <1          | 25          | <3          | 61          | <0.3        | 22          | 17          | 434         | 3,05        | <2          | <2          | 15          | <0.5        | <3          | <3          | 64         | 0.36        | 0.068      |
| 02      | Rock |                   | 0.30        | 0.480       | <1          | 371         | 3           | 42          | 2.5         | 15          | 12          | 300         | 2.98        | <2          | 2           | 12          | <0.5        | <3          | <3          | 63         | 0.30        | 0.077      |
| 03      | Rock |                   | 0.21        | 0.791       | <1          | 395         | <3          | 4           | 1.3         | <1          | <1          | 20          | 0.21        | <2          | <2          | <1          | <0.5        | <3          | <3          | 1          | <0.01       | <0.001     |
| -04     | Rock |                   | 0.24        | 1.404       | <1          | 1586        | <3          | 2           | 5.5         | <1          | <1          | 25          | 0.26        | <2          | <2          | <1          | <0.5        | <3          | <3          | <1         | <0.01       | <0.001     |
| -05     | Rock |                   | 0.17        | 0.769       | <1          | 222         | <3          | 13          | 2.4         | 3           | 2           | 73          | 0.59        | <2          | 5           | 4           | <0.5        | <3          | <3          | 20         | 0.05        | 0.015      |
| -06     | Rock |                   | 0.32        | 1.286       | <1          | 2932        | <3          | <1          | 7.6         | <1          | <1          | 26          | 0.29        | <2          | <2          | <1          | <0.5        | <3          | <3          | <1         | <0.01       | <0.001     |
| -07     | Rock |                   | 0.46        | 2.902       | <1          | 2506        | <3          | 4           | 8.9         | <1          | <1          | 23          | 0.26        | <2          | <2          | <1          | <0.5        | <3          | 4           | <1         | <0.01       | <0.001     |
| -08     | Rock |                   | 0.24        | 0.011       | <1          | 15          | <3          | 66          | <0.3        | 40          | 25          | 467         | 3.23        | <2          | <2          | 15          | <0.5        | <3          | <3          | 59         | 0.79        | 0.156      |
| -09     | Rock |                   | 0.22        | 0.009       | <1          | 72          | <3          | 20          | <0.3        | 15          | 8           | 142         | 1.49        | <2          | <2          | 4           | <0.5        | <3          | <3          | 19         | 0.25        | 0.059      |
| 10      | Rock |                   | 0.14        | 0.005       | <1          | 11          | <3          | 64          | <0.3        | 40          | 24          | 692         | 3.22        | <2          | <2          | 22          | <0.5        | <3          | <3          | 68         | 1.75        | 0.116      |
| 11      | Rock | N - TH            | 0.20        | 1.577       | <1          | 4171        | <3          | 4           | 9.9         | 1           | <1          | 26          | 0,31        | <2          | <2          | <1          | <0.5        | <3          | 3           | <1         | <0.01       | <0.001     |
| 12      | Rock |                   | 0.53        | >10         | <1          | 2769        | 9           | 84          | 8.9         | 24          | 20          | 660         | 3.45        | <2          | <2          | 79          | <0.5        | <3          | <3          | 78         | 1.62        | 0,298      |
| -13     | Rock |                   | 0.33        | 0.524       | <1          | 938         | <3          | 1           | 3.2         | <1          | <1          | 29          | 0.28        | <2          | <2          | <1          | <0.5        | <3          | <3          | <1         | 0.01        | 0.001      |

Project: Report Date: None Given December 21, 2016

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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.

Client:

Kreft, Bernie 1 Locust Place

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# CERTIFICATE OF ANALYSIS

Method AQ300 FA530 AQ300 AQ300 AQ300 AQ300 AQ300 Analyte Cr Mg Ba Ti в AL Na Κ W S Hg TI Ga Sc Au La % % Unit % % % % ppm ppm ppm gm/t ppm ppm ppm ppm ppm ppm MDL 1 20 0.01 2 0.05 1 5 5 5 0.9 1 1 0.01 0.001 0.01 0.01 BCKR-01 5 0.075 <20 1.05 0.07 0.56 <2 < 0.05 <1 <5 5 5 Rock <1 0.25 107 <2 <5 5 BCKR-02 Rock 7 <1 0.24 137 0.079 <20 1.07 0.06 0.58 <0.05 <1 6 < 0.05 <1 <5 <5 6 0.14 <20 0.05 0.29 <2 BCKR-03 Rock 1 65 0.044 0.61 <5 5 <20 0.05 0.65 <2 <1 <5 <5 <5 BCKR-04 Rock <1 0.26 95 0.082 1.06 <0.05 BCKR-05 11 2 0.24 117 0.085 <20 0,95 0.06 0.57 <2 < 0.05 <1 <5 <5 6 Rock BCKR-06 Rock 7 4 0.20 140 0.075 <20 0.84 0.08 0.49 <2 0.08 <1 <5 <5 <5 3 <20 <5 7 <5 01 Rock 20 1.51 196 0.353 1.96 0.03 1.42 <2 <0.05 <1 3 18 1.44 <2 < 0.05 <1 <5 6 <5 02 Rock 1.16 241 0.307 <20 1.71 0.04 <2 <1 <5 <5 <5 03 Rock <1 <1 0.01 3 0.002 <20 0.03 0.01 0.02 < 0.05 <1 <20 <2 < 0.05 <1 <5 <5 <5 h4 Rock 3 0.01 6 0,001 0.05 0.01 0.03 2 <20 <2 <1 <5 <5 <5 05 Rock 3 0.20 74 0.024 0.57 0.04 0.41 <0.05 <5 60 Rock <1 2 3 < 0.001 <20 0.01 0.01 < 0.01 <2 0.09 <1 <5 <5 < 0.01 07 Rock <1 <1 < 0.01 4 < 0.001 <20 0.03 0.01 0.02 <2 0.07 <1 <5 <5 <5 <20 <2 <1 <5 5 5 OB Rock 3 60 1.56 20 0.188 1.55 0.13 0.15 < 0.05 -09 Rock 3 12 0.33 47 0.140 <20 0.78 0.02 0.63 <2 < 0.05 <1 <5 <5 <5 7 Rock <2 <1 <5 -10 3 82 1.77 18 0.240 <20 1.84 0.26 0.21 <0.05 6 11 2 <2 <1 <5 <5 Rock <1 < 0.01 3 0.002 <20 0.02 0.01 0.01 0.10 <5 12 3 122 0.369 <20 0.04 1.79 <2 <0.05 <1 <5 <5 <5 1.7 Rock 26 1.63 2.70 Rock <1 2 0.01 3 0.003 <20 0.02 0.01 0.01 <2 < 0.05 <1 <5 <5 <5

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Client:

Kreft, Bernie 1 Locust Place

Whitehorse Yukon Y1A 5G9 Canada

Project: Report Date:

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None Given

December 21, 2016

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