Geochemical Report On The

Tjop Project

Tjop-17 to 28 and Tjop-33 to 44 YD07017-024, YF38739-740, YE69095-096, YF38723-734

And

Astos-11 to 22, 35, 37, 39, 41-48, 51, 53 YF38751-762, 775, 777, 779, 781-788, 791, 793 Quartz Claims

Work Period June 1st to October 15th, 2012

Located In
Dawson Mining District
On
NTS 116-C-08
64° 24' Latitude, 140° 15' Longitude

By Bernie Kreft

January 10th, 2013

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Location – The Liberty Project is located in the Dawson Mining District on NTS mapsheet 116-C-08 centered at approximately 64° 24' north and 140° 15' east. The area evaluated is located approximately 50-60 kilometres northwest of Dawson City in the general vicinity of the Yukon River, covering an area of approximately 400 square kilometres.

Three main work areas comprise the project: Caley (Astos Claims) located just south of the Yukon River, Tjop (Tjop Claims) located just north of the Yukon River and Tjop Recce (no claims staked) located just south of the Coal River.

Access – Access was achieved by helicopter from Dawson, with the total flight distance from Dawson to the most distant portion of the project about 65.0 kilometres with a one-way flight time of about 25 minutes. With some de-bushing the road to an abandoned open pit asbestos mine may provide access to the general vicinity of the Caley portion of the project (Astos Claims).

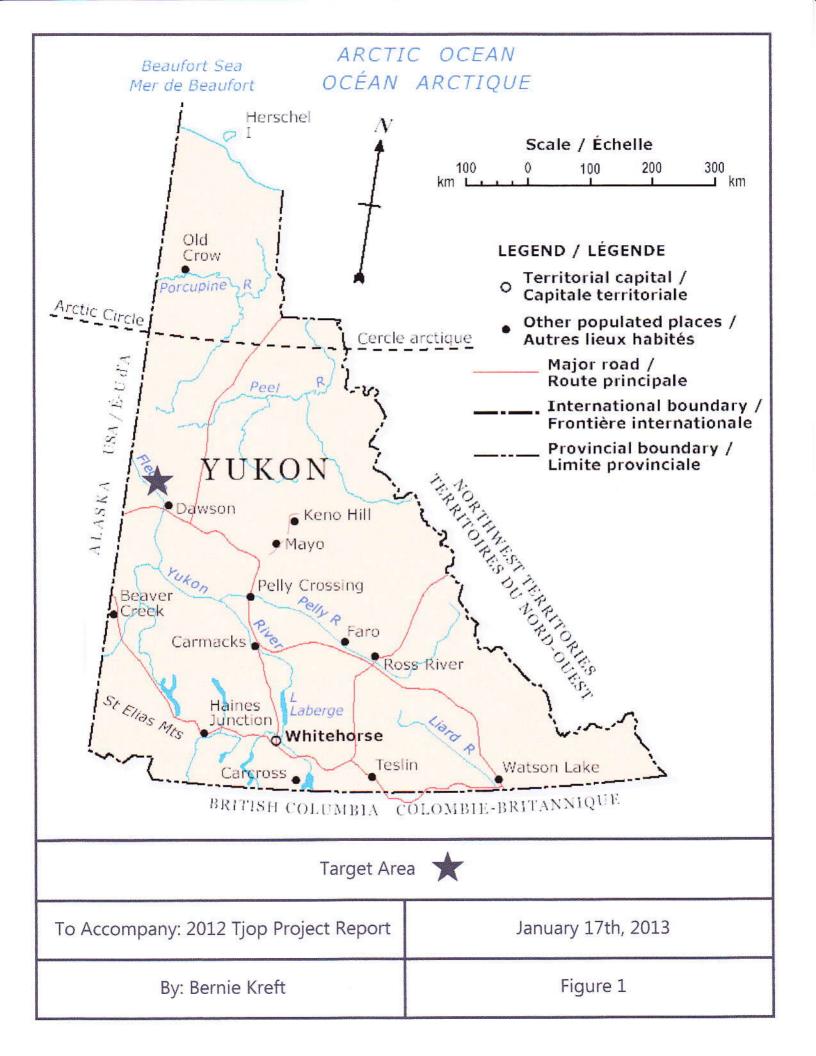
Claims And Land Status – Within the project area there are two claim groups totalling 98 quartz claims held by the author: Tjop-1 to 42 and Astos-1 to 56. Upon acceptance of this report by the Dawson Mining Recorder a select portion of both groups will be renewed until December 21st 2014.

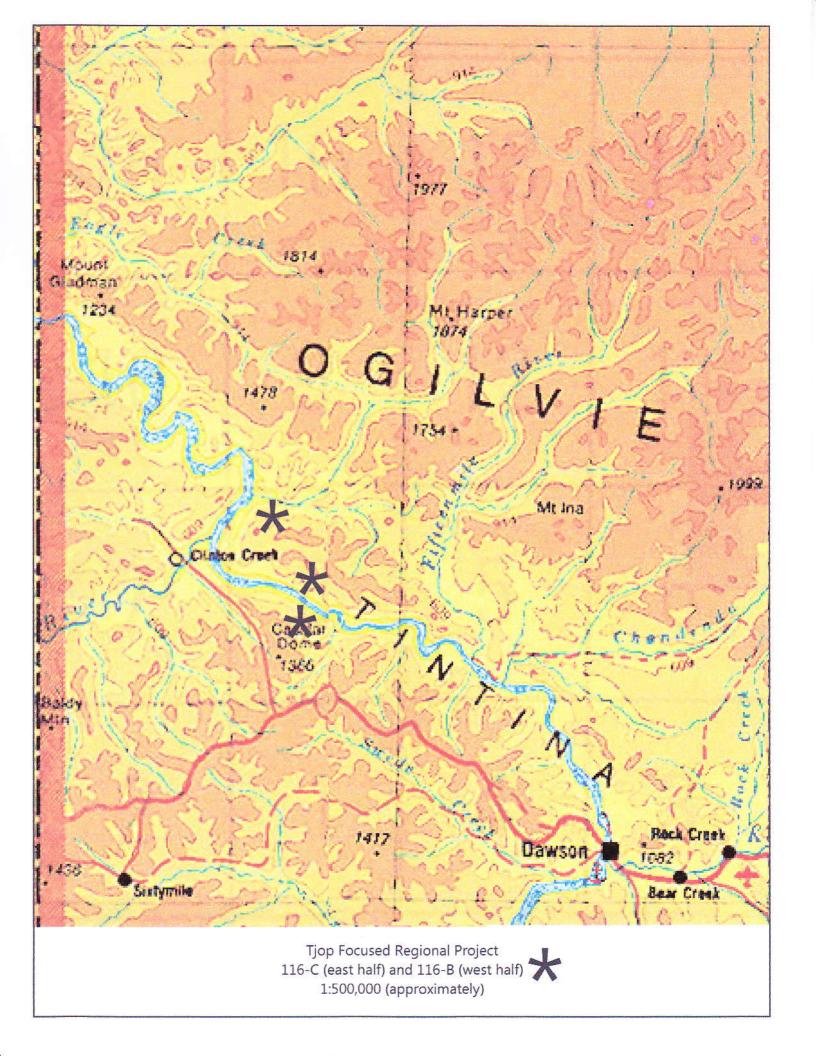
Competitor claims within the project area include the Track Claims (8) held by Archer Cathro and staked to cover a W-Au skarn target, the Goddess Claims (16) held by Shawn Ryan and staked to cover a Molybdenum porphyry target and the Aces Claims (62) held by Goldstrike Exploration which possibly cover a base metal target.

Land claims blocks belonging to the Trondek Hwichin first nation lie to the east of the Tjop Recce area as well as to the south of the Tjop Claims. The authors experience is that the Trondek are a reasonable and progressive group generally pro-development in nature.

Topography And Vegetation – The project lies within the un-glaciated Klondike Plateau, which is characterized by low rolling hills dissected by deeply incised stream valleys. This region experienced strong surficial weathering during the early to mid-Tertiary; as a result natural bedrock exposures are rare, and generally restricted to steep slopes, with the effects of surficial weathering extending to depths of as much as 80 metres or more. Overburden and eluvial-regolithic material appears to average approximately 1.0 metre in thickness, but is certainly deeper in some spots. South facing slopes are generally snow free from early May, with frost leaving the ground by the end of May. North facing slopes are generally free of snow by mid to end of May, with permafrost often remaining year-round. The project is below tree line, with vegetative cover consisting of variable amounts of spruce, poplar, alder and brush, with brush and stunted spruce trees predominating on north facing slopes, higher elevations and in areas of permafrost or poor drainage, while south facing slopes are generally covered by more mature stands of spruce. Several recent forest fires have swept through the area including the Tjop Claims, leaving large areas devoid of moss and vegetative cover resulting in more rock exposure and better soil sampling conditions due to at least partial destruction of permafrost in these areas, but also resulting in increased difficulties for ground traversing due to wind-fall.

History and Previous Work – Exploration for the source of the placer gold in the Klondike region has been of an ebb and flow nature since 1898. Although historical prospecting efforts resulted in several interesting discoveries such as Lone Star and King Solomons Dome, many more discoveries (Underworld, Ten Mile, Coffee) have occurred since the development and subsequent improvement of exploration methods such as soil sampling, trace element geochemistry and geophysics. The "oldtimers" were often unsuccessful likely due to poorly understood geology and controls on mineralization, thick overburden, abundant vegetative cover and a variable thickness of regolithic material all conspiring to make historical methods of prospecting





of limited use and effect. Modern discoveries have come about through the usage of soil geochemistry in combination with mechanized trenching. These discoveries span a variety of deposit types including structurally related quartz veins and associated auriferous alteration haloes, areas of brecciation and silicification related to intrusives or faults, and intrusive hosted gold; providing a much broader spectrum of target types than the simple quartz veins historically thought to be the source of the Klondike gold.

The area of the Tjop Project has a varied exploration history, with the bulk of these efforts directed towards:

- 1) Track Claims A W skarn and Au-Bi-W vein showing associated with a late cretaceous intrusive to Nasina Series sedimentary strata located between the Tjop Claims and the Tjop Recce area.
- 2) Goddess Claims A Mo-W ppy associated with a late cretaceous to early tertiary intrusive activity located to the northwest of the Astos claims Caley Area
- 3) Asbestos potential associated with serpentinized Slide Mountain ultramafics at the Tjop Claims and just to the NE of the Astos Claims

The Klondike Plateau, including areas such as the Tjop Project, escaped recent glaciation and is covered by extensive overburden in valley bottoms and widespread regolithic-cluvial material on slopes. Geochemical results from silt sampling in areas with surficial geology such as this generally exhibit significantly lower thresholds when defining "anomalies" than thresholds used in glaciated or topographically steeper areas where erosion is more prevalent. The following table compares values from RGS silt samples taken immediately downstream of significant targets within the Klondike Plateau, to RGS silt samples from the Tjop Project area. This data highlights the possible significance of the Tjop Project Regional Geochemical Survey silt anomalies.

| Project | Target | Au-INA | Au-Fire | Au-Fire repeat | As | Sb |
|--------------|-----------------|--------|---------|----------------|----|-----|
| Underworld | Golden Saddle | - | 12 | 42 | 16 | 1.4 |
| Underworld | | - | 9 | - | 7 | 1.1 |
| Coffee | Supremo | - | 12 | 16 | 9 | 1.7 |
| Coffee | Latte | - | 10 | - | 8 | 0.9 |
| Tjop Project | Tjop Recce Area | 9 | - | - | 33 | 4.6 |
| Tjop Project | Astos Area | 9 | _ | - | 46 | 3.4 |

The geological trends and rock units within the project area are part of a belt of rocks extending across much of the area northwest of Dawson and into adjacent sections of Alaska. Given that geology, and by default the associated potential for mineralization, does not stop at borders, research on targets within the portion of Alaska immediately adjacent to the Tjop Project was conducted, yielding the following data (Alaska Resource Data File) pertaining to auriferous showings in this area:

At the South Liberty Prospect (ARDF; EA072 and EA073) gold in soil values of up to 7,517 ppb have been found in an area underlain by greenstone and quartz muscovite schist cut by iron-stained quartz carbonate veins. Best gold values are associated with highly anomalous arsenic and antimony, with the mineralization bearing numerous similarities to Motherlode type gold targets.

Dome Creek (ARDF; EA078 and EA079) is a significant large-scale placer gold deposit, concentrates from which contain pyrite, galena and cinnabar. Bedrock within the placer pits consists of Nasina Series rocks and serpentinized greenstone, both of which are cut by numerous quartz veins and shears containing pyrite, galena and arsenopyrite.

Nugget Gulch (ARDF: EA081) consists of gold in silt anomalies of up to 1,081 ppb within an area underlain

by Nasina series sediments and ultramafic units intruded by Mesozoic granitic rocks. Areas of silicification, quartz carbonate alteration and pyritic quartz veins have been noted. Potential for Motherlode style gold mineralization was said to exist.

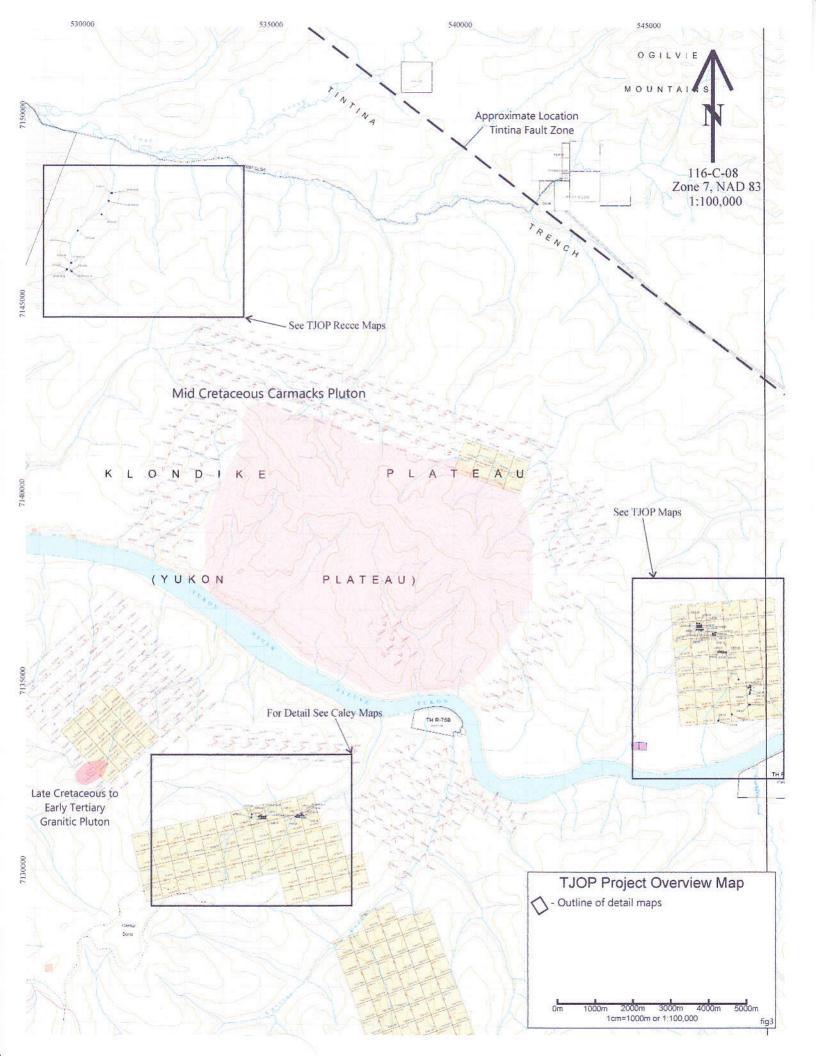
Geology And Mineralization – The project is situated on the southwest side of the Tintina Fault, within the Tintina Gold Belt (TGB), a geological and geochemical environment favorable for locating economic gold deposits. Significant discoveries within the TGB include Donlin Creek, Pogo and Fort Knox, while significant Yukon occurrences include Brewery Creek, Dublin Gulch, Coffee, Rau and Underworld. Mineralization at these deposits covers a wide spectrum of high-grade mesothermal veins, intrusion hosted sheeted veins, large-tonnage and low-grade disseminations and stockworks, skarns and mantos, with much of the mineralization intrusion related or having a strong structural control. A recent significant surge in local exploration activity has occurred since the discovery by Underworld Resources of the Golden Saddle and Arc deposits at the White Gold Project. This "rush" is ongoing as of the date of writing and, due to more recent discoveries by Kaminak at Coffee and Atac at Rau, shows no sign of slowing.

At Golden Saddle, intrusion-related gold mineralization is preferentially hosted within metamorphosed felsic intrusive units, as well as felsic and mafic metavolcanic rocks, with the principal host rock a granitoid that has been metamorphosed to augen gneiss. Gold is associated with quartz veins, stockwork and breccia zones, as well as pyrite veinlets and disseminations, with better-grade mineralization found in proximity to ultramafic units. The alteration assemblage includes pervasive albite, carbonate, sericite and silicification. The main mineralized zone strikes to the northeast, with a gentle to moderate dip to the northwest. The generally lower grade and smaller Arc Deposit is hosted by metasedimentary rocks (quartzite), and is typified by hydrothermal breccias and silicification, with mineralization associated with arsenic and antimony, which is distinct to the Golden Saddle deposit which contains only limited amounts of sulphides. At Coffee, gold mineralization has been found within schist and gneiss units as well as granitic intrusives. Gold values are associated with zones of shearing, brecciation, silicification, clay a/o sericite alteration mineralized with variable amounts of fresh to fully oxidized sulphides occurring within micro-fracture networks, veins and in the matrix of breccias. A correlation between gold values and several pathfinder elements, including arsenic, antimony, molybdenum, mercury and barium has been noted. Structure is reportedly the key control on mineralization at Coffee.

The geological environment of the Tjop Project is permissible for the development of ophiolite hosted or related (Motherlode) bulk-tonnage and high-grade gold targets. Well known examples of this style of mineralization are found within the Cassiar, Atlin, Wells-Barkerville, Bralorne and California Goldfields. Potential also exists for gold targets related to late cretaceous intrusive activity.

At Cassiar, gold-quartz veins and related auriferous wallrock alteration haloes are hosted by a gently dipping thrust zone, 300 to 400 metres thick, which immediately underlies Late Triassic sedimentary rocks. This thrust zone comprises a sequence of narrow imbricated metabasaltic slices, roughly 100 metres thick, separated by thinner, discontinuous tectonic slivers of variably listwanite (silica-carbonate) altered ultramafic rocks. Significant amounts of auriferous mineralization have been outlined in the Taurus-88 Hill area where an estimated resource of about 3,900,000 ounces of gold occurs within a pyritic quartz vein swarm which caused extensive pyritization and ankeritization/carbonate alteration of the host basalt and associated volcanic rocks. Auriferous zones are commonly associated with anomalous values of arsenic and silver, lesser antimony and copper along with potassium enrichment and sodium depletion. The nearby Cusac-Table Mountain-Erickson Mines have reported sporadic production totalling approximately 300,000 ounces of gold from a series of high-grade, discontinuous, quartz vein deposits averaging between 10 to 30 g/t gold.

Bedrock underlying the Tjop Project consists of Nasina (Devonian-Mississippian) series micaceous quartzite,



quartz-mica schist, graphitic or carbonaceous schist and limestone, as well as Slide Mountain Terrane (Permian) greenstone, quartz-chlorite-muscovite schist and scattered occurrences of ultramafic rocks. Intrusive to these units are late Cretaceous (85ma to 64.9ma) granodiorite to quartz diorite stocks. A large intrusive body occurs roughly equidistant between the three areas comprising this project while a small 64.9 ma stock is located at the Goddess claims just to the east of the Astos Claims (Caley). Given the amount of cover it is likely that Cretaceous intrusive bodies are more widespread than currently mapped.

The ultramafic bodies are invariably at least moderately serpentinized and range from massive to highly sheared. Further altering the serpentinized ultramafics is a silica-carbonate (listwanite) assemblage consisting of varying amounts of quartz, chalcedony and magnesite with lesser ankerite, dolomite and mariposite. Some small serpentinite bodies are completely altered while larger bodies are generally only altered in sheared areas.

Current Work And Results – Work consisted of prospecting as well as rock, silt and soil sampling, concentrated within three distinct areas. A total of 52 soil samples weighing an average of 0.31kg were taken at an average 50 metre interval on randomly selected lines. Sampled material was taken from the C horizon, found at an average depth of 30-80 centimetres, using hand held augers. Soil sampling conditions were good, apart from the north facing slopes at Caley-Astos where the presence of permafrost significantly slowed progress. A total of 32 rock samples weighing an average of 0.48kg were collected from rare outcrops or from stream float and talus occurrences. A total of 22 silt samples, weighing an average of 0.51kg, were taken from active stream channels varying in size from small steep side-hill seeps to regular stream channels; care was taken to standardize silt sample sites based on medium (medium gravel to very fine sand: 16mm to 62.5um) and location (as close to center of the stream channel as possible). All sample sites were marked in the field using flagging inscribed with the sample code, with the sample placed in industry standard soil sample envelopes for soils, or poly rock bags for rocks and silts. Samples were analyzed by Chemex using their Au-AA23 (30g fire assay) and their ME-ICP41 (35 element aqua regia) packages.

The 2012 fieldwork was concentrated in three areas: Caley-Astos Claims, Tjop-Tjop Claims and Tjop Recceno claims, each of which will be described individually below:

<u>Caley-Astos</u> – Geology consists of Nasina Series sediments with several northwest trending fingers or slices of serpentinized ultramafics approximately 4.0 kilometres southwest of the 105-112 ma Carmacks pluton and approximately 4 kilometres southeast of a small late cretaceous to early tertiary intrusive body. Regional aero-magnetic data (residual total field) suggests that the late cretaceous body is somewhat larger than mapped and that much of the property lies within its thermal aureole. Publically available exploration data shows some staking dating from the 1920's on a silver-lead vein showing named Jolly. Recent work, 1967-82, has revolved around exploration of the "Tiza" asbestos occurrence where previous workers had identified several serpentinized ultramafic bodies exhibiting variable amounts of shearing and quartz-carbonate alteration along with un-economic amounts of asbestos fibre. Government sponsored regional geochemical stream sediment sampling data identified the stream draining the core of this property as being weakly to strongly anomalous in As-Au-Pb-Sb, with this elemental signature thought by the author to be suggestive of precious metal potential.

Exploration work in 2012 consisted of the collection of 19 soil samples, 10 silt samples and 13 rock samples. Soil sampling conditions were hindered by the widespread presence of permafrost which significantly slowed sampler productivity. Sampling was concentrated in two areas where alteration and mineralization was noted within the stream banks or in angular locally derived stream bed material.

The western-most area was centred around a sample of weakly hornfelsed limonitic beige sedimentary rock

with bleached vugs and minor disseminated black metallic sulphide, a sample of which returned 0.279 ppm Au, 52 ppm Ag, 552 ppm Bi and 3310 ppm Pb. The presence of weak hornfelsing, crystalline quartz veining, brecciation plus fracturing as well as highly anomalous bismuth, suggests this mineralization is likely intrusive related. Nine soil samples were taken (CAD-01 to 05 and 07-10) in the general vicinity of this occurrence, with samples 4-5-7-8 returning highly anomalous values in Ag-Bi-Pb +/- Au. This soil anomaly is located approximately 100 metres to the west of the anomalous rock sample site, remains open to the west and south and likely represents a significant new area of mineralization similar in nature to the discovery sample. Soil samples taken in the immediate vicinity of the discovery rock sample are only weakly anomalous in Ag-Bi-Pb.

The eastern-most work area was centred around a proximally derived float boulder of heavily quartz carbonate altered and silicified rock mineralized with mariposite and cut by numerous quartz veins containing minor disseminated black metallic sulphide, an assay of which returned 0.128 ppm Au along with anomalous chromium and nickel. This alteration and mineralization is thought to be indicative of a motherlode style system. Ten soil samples (CAD-11 to 20) were taken in the general vicinity of this occurrence, with samples 15-16-17 highly anomalous in Au-As-Cr +/- Ag. This soil anomaly is located approximately 100 metres to the east and uphill of the anomalous rock sample site, remains open to the east and south, and possibly represents the source of the float sample.

<u>Tjop Claims</u> – Geology consists of a large fault bounded block of serpentinized ultramafics surrounded by Nasina Series sediments near the outer edge of the thermal aureole of the 105-112 ma Carmacks pluton. Publically available exploration data shows exploration work dating from 1927, and 1964-1970 completed on what is reported as a silver-lead-copper-tungsten skarn showing called Roal located near the shore of the Yukon River just to the southeast of the claim block. During the period 1964-81, significant work was completed on the "Tjop" asbestos occurrence. This work identified several serpentinized ultramafic bodies exhibiting variable amounts of shearing and quartz or iron-carbonate alteration but only un-economic amounts of asbestos fibre.

Exploration work in 2012 consisted of the collection of 32 soil samples and 4 rock samples. Soil sampling conditions were generally good due to a recent forest fire having destroyed much of the moss and vegetation throughout the claims area thereby allowing the permafrost to melt, but making ground traversing conditions difficult due to widespread windfall. Sampling was spread throughout the claim block in areas where iron-carbonate alteration had previously been reported by workers in search of asbestos.

Samples returned background amounts for all elements except for soil sample JOD-09 which returned a moderately anomalous value of 0.033 ppm Au. This sample is located on the northeast corner of a small grid set up over heavily iron-carbonate altered bedrock exposed in an old trench. Further work is necessary to define the importance of this sample.

<u>Tjop Recce</u> – Geology consists of Nasina series metasediments and thin felsic meta-tuff horizons located just south of the Tintina Fault Zone. Although not shown on regional mapping of the area, the presence of thin slices of serpentinized ultramafics is inferred based on pieces of lithologically similar float in locally derived stream wash. Publically available exploration data pertaining to the area shows Cominco (1996 Coal Property) having completed reconnaissance style sampling and mapping as well as geophysical surveys directed towards examining the areas volcanic hosted massive sulphide "VHMS" base metal potential inferred from several low-order base metal regional geochemical sediment samples detected by an earlier inhouse program. Although several electro-magnetic anomalies were located, soil sampling and prospecting efforts failed to outline any significant anomalies and the property was allowed to lapse with no further work.

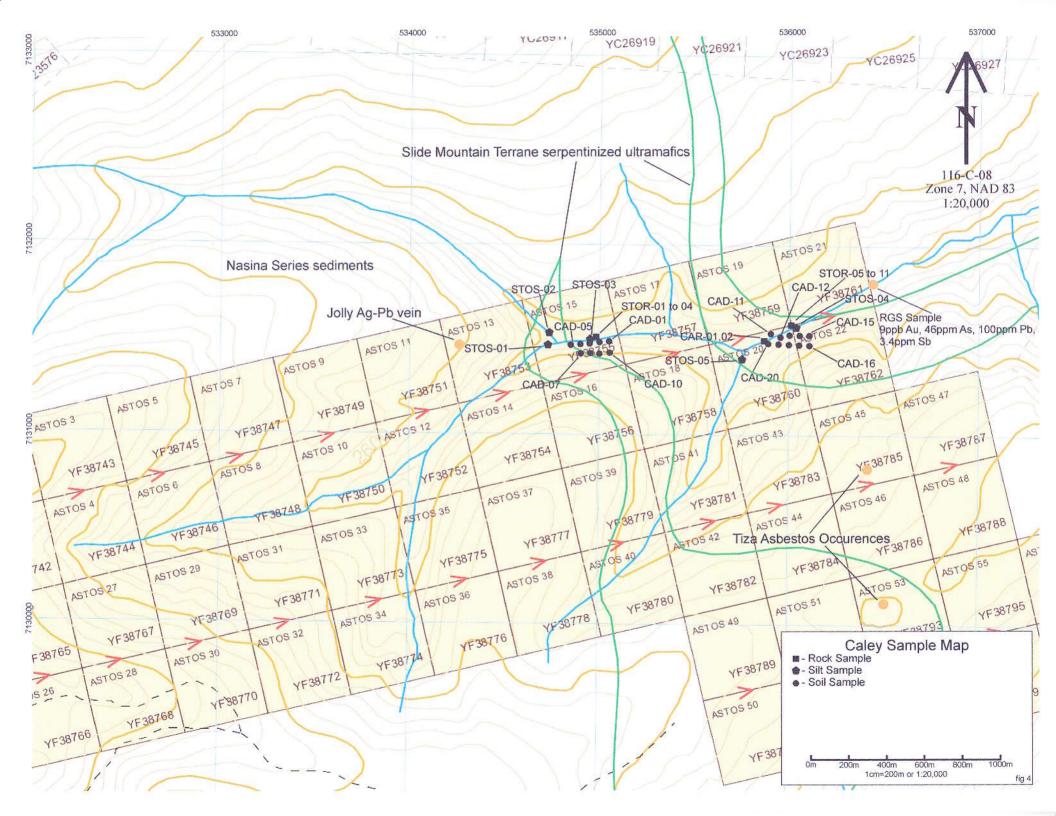
Exploration work in 2012 consisted of the collection of 1 soil sample, 15 rock samples and 12 stream sediment samples. Rock sampling was restricted to samples of stream float due to widespread overburden cover masking bedrock. Silt sampling conditions were excellent apart from the presence of ice which needed to be chipped away to allow for sample collection.

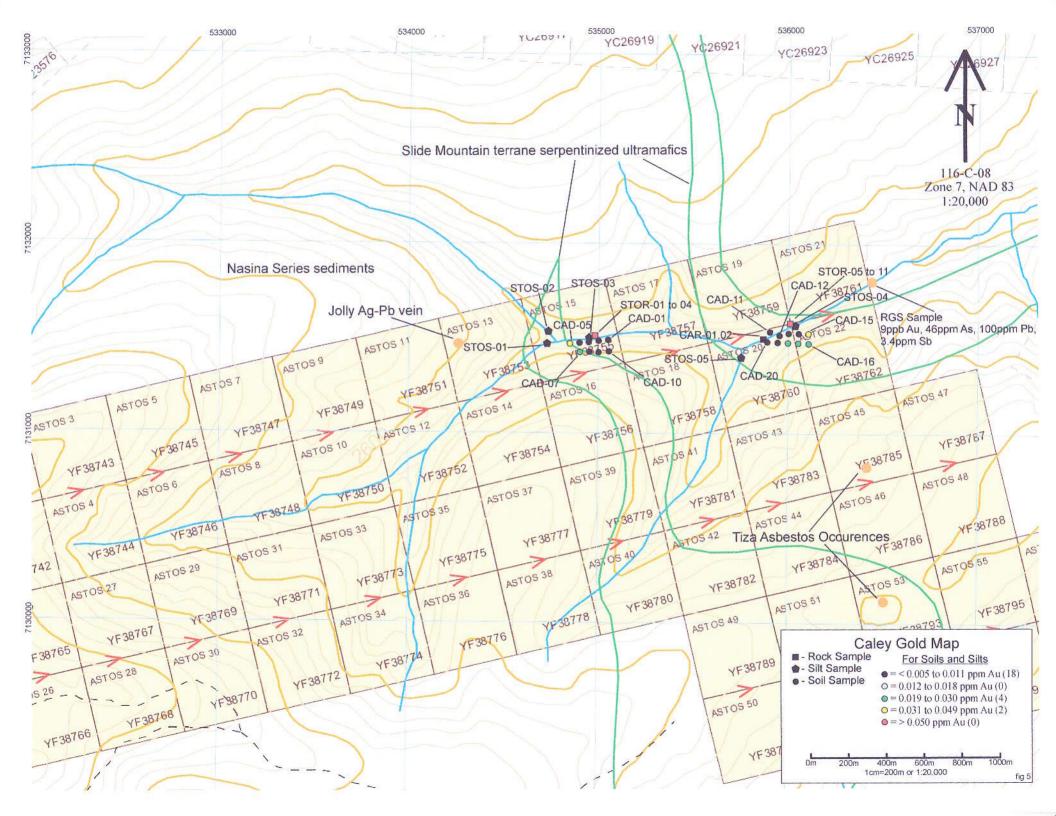
Samples returned generally background values except for silt sample STOS-6/11 which returned a weakly to moderately anomalous value of 0.027 ppm Au, repeat 0.009 ppm Au along with 128 ppm arsenic. Rock samples of stream float from this site exhibit iron and/or quartz carbonate alteration, quartz veining as well as mariposite but unfortunately they were not anomalous in gold. Soil sample CAD-21 (the only soil taken) returned moderately anomalous values of 0.043 ppm Au, 2.4 ppm Ag, 289 ppm As, 149 pm Pb and 378 ppm Zn. Although individually these elemental values are not outstanding, they are certainly moderately anomalous and together they comprise a very strong multi-element anomaly worthy of follow up sampling. Potential sources include a base metal VHMS target similar to what Cominco was pursuing, or an auriferous quartz-sulphide vein system related to a motherlode style system. Ultimately, more work will be needed to quantify the source and importance of this sample.

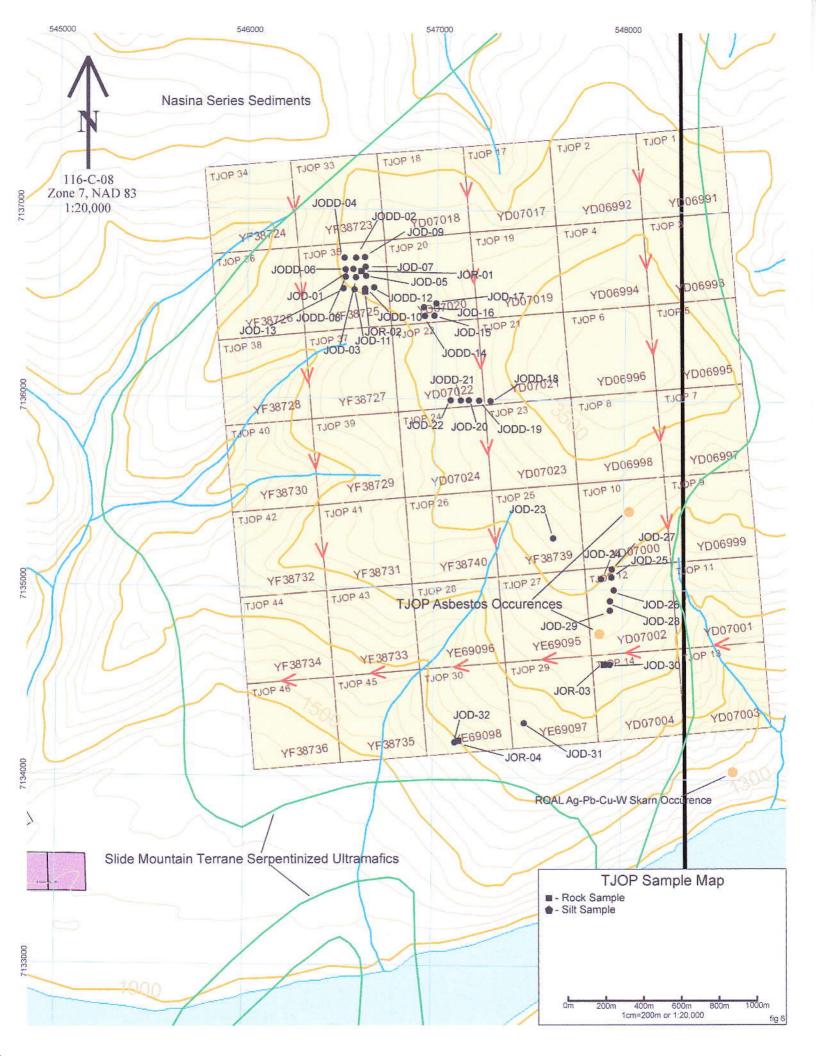
Conclusions — A total of 5 brand new anomalies or showings justifying further work were encountered over the course of this 3 day low-cost program. Due to the reconnaissance nature of this program, significant grassroots potential remains at each of these sites. The Caley/Astos claims hold potential for intrusive related as well as motherlode style gold mineralization. The Tjop claims hold potential for Motherlode style gold mineralization. The Tjop Recce area holds potential for VHMS targets as well as Motherlode style gold mineralization. Each of these potential deposit types represent a target of significant size, therefore these anomalies or showings represent low-cost high-reward exploration targets which should be explored further.

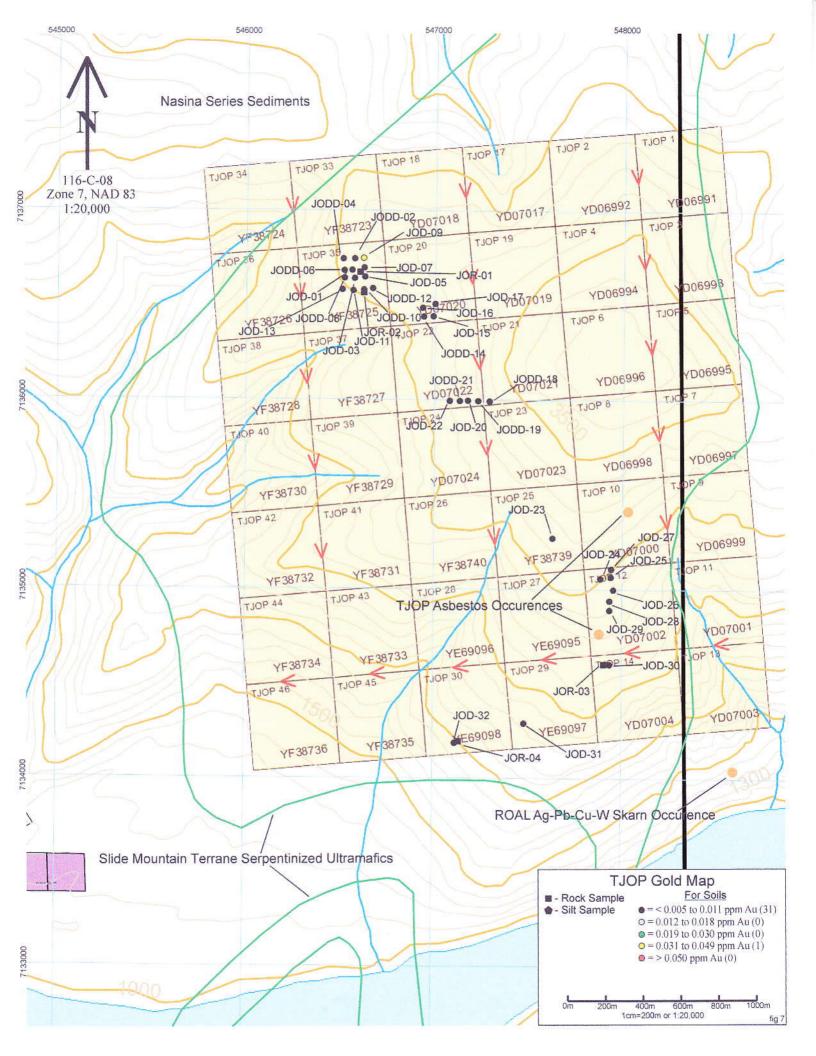
Recommendations – Further work is recommended, with first phase consisting of:

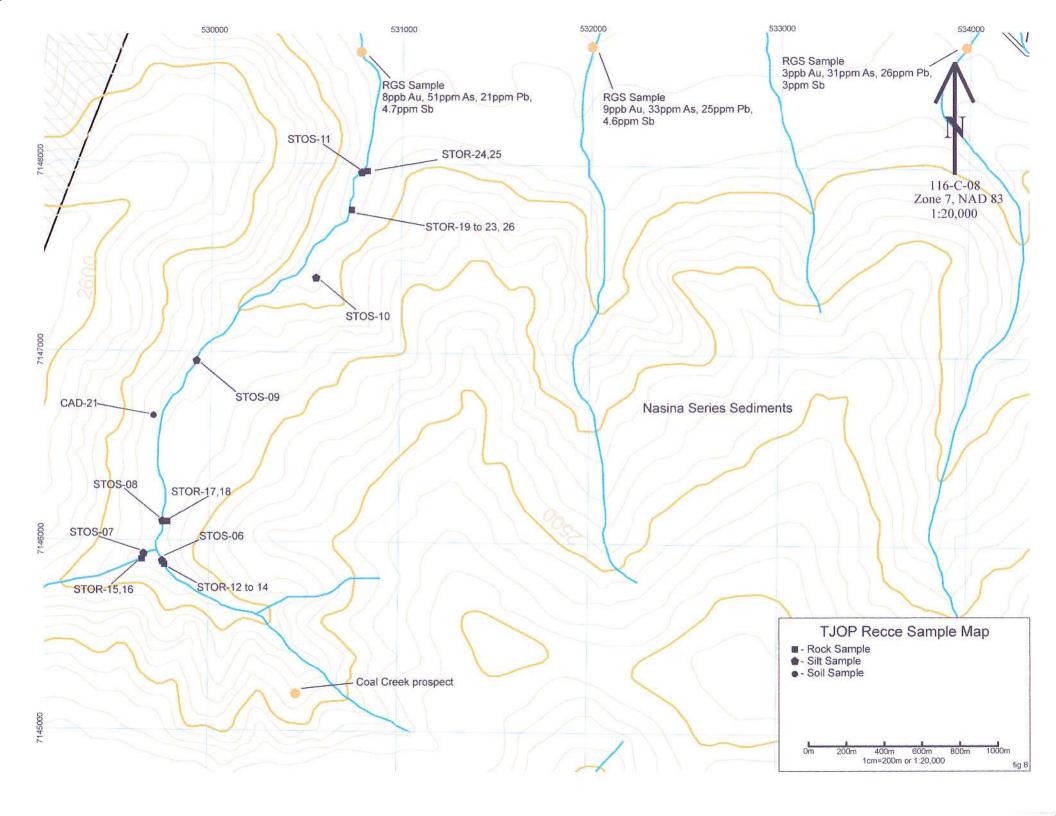
- Caley-Astos requires an expanded soil sampling program to help further define the two showings located in 2012. This work should be conducted late in the season to allow for maximum melt of permafrost. A 4-man team for one day should be sufficient to complete this work.
- 2) Tjop Claims require an expanded soil sampling program to help further define the soil sample site anomalous in gold. A 4-man team for one day should be sufficient to complete this work which can be completed anytime from mid-June onwards.
- 3) Tjop Recce requires further prospecting and silt sampling to follow up the anomalous silt sample site. A 2-man team for one day should be sufficient to complete this work which can be completed anytime from mid-June onwards. Follow up work is also required at the anomalous soil sample site, with a 2-man team for one day likely sufficient to complete this work which can be completed anytime from mid-June onwards.

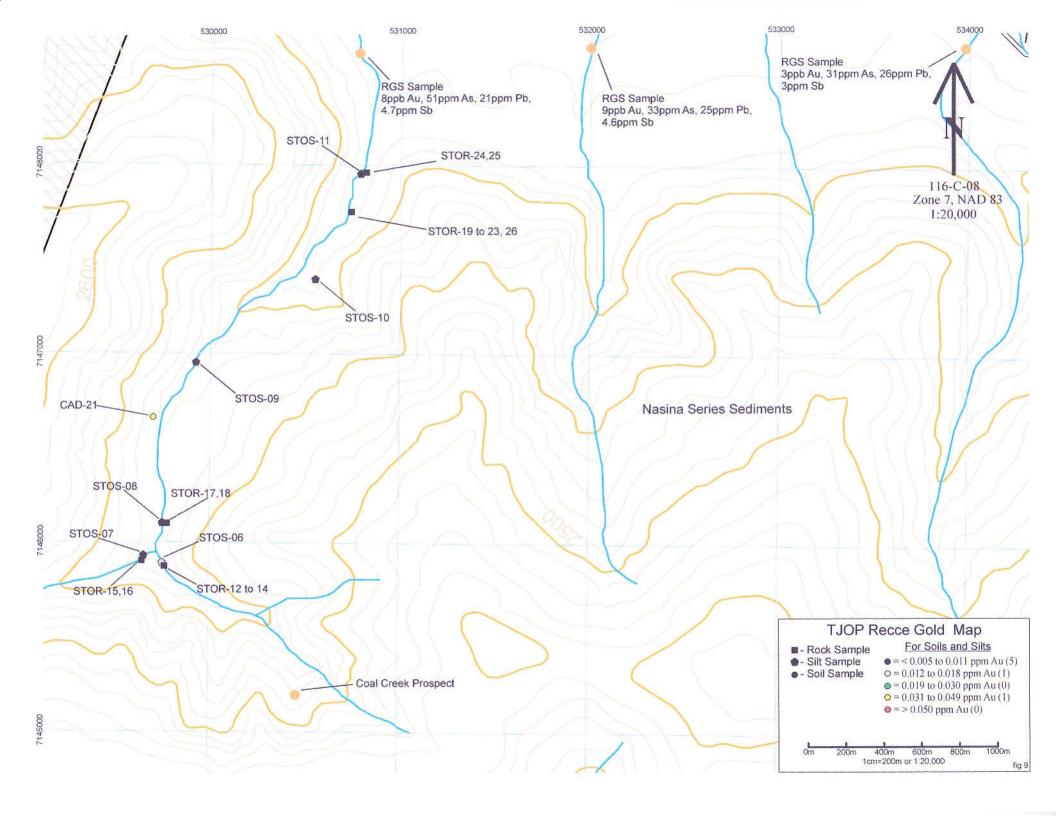












Statement Of Qualifications

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

I have over 24 years prospecting experience in the Yukon.

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

This report is based on fieldwork completed during the 2012 field season.

This report is based on fieldwork completed in the Yukon Plateau area northwest of Dawson City.

Respectfully Submitted,

Bernie Kreft

| Statement Of Costs Astos Claims Truck Travel (1/3 round trip to Dawson 1,024km x \$0.60/km) | | \$204.80 |
|---|-------|--|
| Chemex (assaying 19 soils, 10 silts and 13 rocks) | | \$1,295.41 |
| Report Writing and Duplication | | \$500.00 |
| Wages Kyle Eide (1 day x \$210/day) | | \$210.00 |
| Wages Jarret Kreft (1 day x \$230/day) | | \$230.00 |
| Wages Bernie Kreft (1 day x \$300/day) | | \$300.00 |
| Helicopter: TNTA | | \$2,190.91 |
| Food And Camp Supplies (3 man days x \$100/day) | | \$300.00 |
| | Total | \$5,231.12 |
| Tjop Claims Truck Travel (1/3 round trip to Dawson 1,024km x \$0.60/km) Chemex (assaying 32 soils, 4 rocks) Report Writing and Duplication Wages Kyle Eide (1 day x \$210/day) Wages Jarret Kreft (1 day x \$230/day) Wages Bernie Kreft (1 day x \$300/day) Helicopter: TNTA Food And Camp Supplies (3 man days x \$100/day) | Total | \$204.80 \$1,054.97 \$500.00 \$210.00 \$230.00 \$300.00 \$2,190.91 \$300.00 \$4,990.68 |
| Tjop Recce Area | | |
| Truck Travel (1/3 round trip to Dawson 1,024km x \$0.60/km) | | \$204.80 |
| Chemex (assaying 1 soils, 12 silts and 15 rocks) | | \$908.40 |
| Wages Kyle Eide (1 day x \$210/day) | | \$210.00 |
| Wages Jarret Kreft (1 day x \$230/day) | | \$230.00 |
| Wages Bernie Kreft (1 day x \$300/day) | | \$300.00 |
| Helicopter: TNTA | | \$1,675.40 |
| Fand And Comm Committee (2 man down or \$100/down) | | \$200 OO |

Food And Camp Supplies (3 man days x \$100/day)

GRAND TOTAL = \$14,050.40

Total \$3,828.60

\$300.00

| Name | Туре | Interval | Description | Easting | Northing | Project | Weight | Au | Ag | As | Bi | Cr | Pb |
|---------|------|---------------------|--|---------|------------------|----------|--------|--------|------|------|-----|------|------|
| CAR-01 | Rock | grab | Leached and heavily limonitic rx cut by narrow qtz vn (rounded float) | 535829 | 7131486 | Caley | 0.56 | <0.005 | 0.3 | 67 | <2 | 17 | 29 |
| CAR-02 | Rock | grab | Po rich skarned rx (rep kept) | 535829 | 7131486 | Caley | 0.58 | <0.005 | 0.6 | <2 | <2 | 67 | 25 |
| JOR-01 | Rock | grab | iron-carb altered rx cut by occasional gtz veins | 546524 | 7136692 | TJOP | 0.68 | <0.005 | 0.2 | 32 | <2 | 16 | <2 |
| JOR-02 | Rock | grab | on rd aprox 60m SE of JOR-01 as above | 546544 | 7136672 | TJOP | 0.62 | <0.005 | 0.3 | 25 | <2 | <1 | <2 |
| JOR-03 | Rock | grab | Qtz calcite veining | 547905 | 7134603 | TJOP | 0.64 | <0.005 | 0.3 | 7 | <2 | 8 | 13 |
| JOR-04 | Rock | grab | Qtz iron-carb altered brx zone/vn in sed rx | 547085 | 7134181 | TJOP | 0.5 | <0.005 | 0.2 | 3 | <2 | 100 | 2 |
| STOR-01 | Rock | grab | Weakly frac banded sed with discontinous crystalline QV or frac fill | 534940 | 7131510 | Caley | 0.56 | <0.005 | 0.4 | 10 | <2 | 23 | 22 |
| STOR-02 | Rock | grab | Limonitic beige sed with minor bleached vugs | 534940 | 7131510 | Caley | 0.94 | 0.279 | 51.8 | 92 | 552 | 9 | 3310 |
| STOR-03 | Rock | grab | 15cm wide Qtz vein with nice crystals mafic host | 534940 | 7131510 | Caley | 0.48 | <0.005 | <0.2 | 2 | 3 | 6 | 9 |
| STOR-04 | Rock | grab | Banded sed limonite, Po and minor vugs along bedding, hornfelsed | 534940 | 7131510 | Caley | 0.52 | <0.005 | 2.1 | 2 | 10 | 195 | 184 |
| STOR-05 | Rock | grab | Po rich silic Qtz carb rx | 534996 | 7131518 | Caley | 0.32 | 0.017 | 0.7 | 1760 | <2 | 1300 | 96 |
| STOR-06 | Rock | grab | Dense silic Qtz carb rx with mariposite (trace) minor qtz carb veins | 536005 | 7131574 | Caley | 0.58 | 0.067 | <0.2 | 24 | <2 | 584 | 3 |
| STOR-07 | Rock | grab | 3mm wide qtz vein cutting iron-carb altered sed | 536005 | 7131574 | Caley | 0.3 | <0.005 | 0.2 | 10 | <2 | 24 | 20 |
| STOR-08 | Rock | grab | limonitic carb altered sed with trace mariposite and mariposite in patches | 536005 | 7131574 | Caley | 0.52 | <0.005 | 0.7 | 266 | <2 | 218 | 72 |
| STOR-09 | Rock | grab | Limonitic banded? Sed rx with trace mariposite and hairline qtz carb veins | 536005 | 7131574 | Caley | 0.42 | <0.005 | 0.3 | 126 | <2 | 487 | 37 |
| STOR-10 | Rock | grab | Crenulated qtzt or thick bedded schist pyrite in nose of fold py to 0.5% | 536005 | 7131574 | Caley | 0.36 | <0.005 | 0.4 | 12 | <2 | 19 | 8 |
| STOR-11 | Rock | grab | float in creek? rx rep kept just on other side of from LOCR-08 | 536005 | 7131574 | Caley | 0.42 | 0.128 | <0.2 | 2 | <2 | 473 | <2 |
| STOR-12 | Rock | grab | Limestone with discontinous Qtz veins and frac fillings | 529817 | 7145956 | TJOP Rec | 0.3 | <0.005 | 0.2 | 4 | <2 | 13 | 4 |
| STOR-13 | Rock | grab | Fe-carb altered rx with mariposite and cut by several Qtz-carb stringers | 529817 | 7145956 | TJOP Rec | 0.28 | <0.005 | 0.3 | 3 | <2 | 447 | <2 |
| STOR-14 | Rock | grab | Brx Qtz carb rx with mariposite | 529817 | 7145956 | TJOP Rec | 0.42 | <0.005 | 0.2 | 282 | <2 | 186 | 3 |
| STOR-15 | Rock | grab | Qtz vein cutting iron-carb altered rx | 529652 | 7145936 | TJOP Rec | 0.18 | <0.005 | 0.2 | 13 | <2 | 14 | 3 |
| STOR-16 | Rock | grab | Rusty schist with minor qtz vein | 529652 | 7145936 | TJOP Rec | 0.14 | <0.005 | 0.4 | 29 | <2 | 31 | 5 |
| STOR-17 | Rock | grab | Listwanite altered frac sed rx poss trace py qtz-carb veins on fracs | 529800 | 7146118 | TJOP Rec | 0.52 | <0.005 | 0.4 | 144 | <2 | 966 | 2 |
| STOR-18 | Rock | grab | Qtz -carb altered? rx with abund mariposite numerous qtz-carb veinlets | 529800 | 7146118 | TJOP Rec | 0.46 | <0.005 | 0.3 | 851 | <2 | 459 | 3 |
| STOR-19 | Rock | grab | Pale yellow altered schist cut by sheeted veins trace py | 530776 | 7147750 | TJOP Rec | 0.32 | <0.005 | 0.4 | 15 | <2 | 8 | 26 |
| STOR-20 | Rock | grab | Sugary sed rx heavy Fe-Co3, alt cut by qtz-carb vein trace mariposite | 530776 | 7147750 | TJOP Rec | 0.6 | <0.005 | 0.2 | 29 | <2 | 134 | 2 |
| STOR-21 | Rock | grab | Heavy qtz-carb alt with mzariposite | 530776 | 7147750 | TJOP Rec | 0.38 | <0.005 | 0.2 | 26 | <2 | 362 | <2 |
| STOR-22 | Rock | grab | As above | 530776 | 7147750 | TJOP Rec | 0.5 | <0.005 | 0.4 | 25 | <2 | 353 | 4 |
| STOR-23 | Rock | grab | PY 0.58 in iron-carb altered qtz schist | 530776 | 7147750 | TJOP Rec | 0.2 | <0.005 | 0.5 | 16 | <2 | 1535 | 2 |
| STOR-24 | Rock | grab | Yellowy altered schist brx and fracture with Qtz along fracs and as fillings | 530819 | 7147955 | TJOP Rec | 0.42 | <0.005 | 0.4 | 20 | <2 | 24 | 25 |
| STOR-25 | Rock | grab | heavily qtz-carb altered rx, qtz as veins and frac fillings, trace py in rx | 530819 | 7147955 | TJOP Rec | 0.56 | <0.005 | 0.2 | 3 | <2 | 11 | 20 |
| STOR-26 | Rock | grab | Heavily qtz-carb altered rx with py to 0.5% as patches and diss mariposite | 530776 | 7 1 47750 | TJOP Rec | 1.12 | 0.015 | 0.7 | 582 | <2 | 215 | 4 |
| STOS-01 | Silt | ACCOUNTS THE SECOND | | 534786 | 7131502 | Caley | 0.46 | <0.005 | 0.2 | 45 | <2 | 51 | 57 |
| STOS-02 | Silt | | | 534778 | 7131560 | Caley | 0.34 | 0.007 | 0.2 | 27 | <2 | 64 | 45 |
| STOS-03 | Silt | | | 534973 | 7131515 | Caley | 0.48 | 0.013 | 0.3 | 39 | <2 | 43 | 44 |
| STOS-04 | Silt | | | 536009 | 7131574 | Caley | 0.6 | <0.005 | 0.2 | 35 | 2 | 45 | 39 |
| STOS-05 | Silt | | | 535790 | 7131441 | Caley | 0.54 | 0.012 | 0.3 | 30 | <2 | 135 | 104 |
| STOS-06 | Silt | | | 529817 | 7145956 | TJOP Rec | 0.54 | 0.027 | 0.5 | 119 | <2 | 24 | 27 |
| STOS-07 | Silt | | | 529652 | 7145936 | TJOP Rec | 0.52 | 0.005 | 0.2 | 47 | <2 | 36 | 8 |
| STOS-08 | Silt | | | 529800 | 7146118 | TJOP Rec | 0.7 | 0.012 | <0.2 | 88 | <2 | 46 | 20 |
| STOS-09 | Silt | | | 529927 | 7146951 | TJOP Rec | 0.66 | 0.007 | 0.2 | 99 | <2 | 38 | 21 |
| STOS-10 | Silt | | | 530559 | 7147400 | TJOP Rec | 0.44 | <0.005 | <0.2 | 22 | <2 | 37 | 13 |
| STOS-11 | Silt | | | 530819 | 7147955 | TJOP Rec | 0.6 | 0.009 | 0.2 | 51 | 2 | 34 | 16 |
| STOS-12 | Silt | | Duplicate of STOS-01 | 534786 | 7131502 | Caley | 0.42 | <0.005 | <0.2 | 42 | <2 | 52 | 45 |
| | Silt | | Duplicate of STOS-02 | 534778 | 7131560 | Caley | 0.42 | <0.005 | <0.2 | 29 | <2 | 68 | 48 |

| Name | Туре | Interval | Description | Easting | Northing | Project | Weight | Au | Ag | As | Bi | Cr | Pb |
|---------|------|--|--|---------|----------|----------|--------|--------|------|-----|----|------|------|
| STOS-14 | Silt | | Duplicate of STOS-03 | 534973 | 7131515 | Caley | 0.3 | <0.005 | 0.3 | 40 | <2 | 53 | 50 |
| STOS-15 | Silt | | Duplicate of STOS-04 | 536009 | 7131574 | Caley | 0.52 | 0.01 | <0.2 | 39 | <2 | 47 | 41 |
| STOS-16 | Silt | CASE A CONTRACTOR | Duplicate of STOS-05 | 535790 | 7131441 | Caley | 0.5 | <0.005 | 0.2 | 32 | <2 | 147 | 50 |
| STOS-17 | Silt | | Duplicate of STOS-06 | 529817 | 7145956 | TJOP Rec | 0.48 | 0.009 | 0.4 | 128 | <2 | 28 | 27 |
| STOS-18 | Silt | an and an and an | Duplicate of STOS-07 | 529652 | 7145936 | TJOP Rec | 0.56 | 0.01 | <0.2 | 52 | <2 | 39 | 17 |
| STOS-19 | Silt | | Duplicate of STOS-08 | 529800 | 7146118 | TJOP Rec | 0.56 | 0.007 | 0.2 | 100 | <2 | 48 | 19 |
| STOS-20 | Silt | | Duplicate of STOS-09 | 529927 | 7146951 | TJOP Rec | 0.5 | <0.005 | 0.2 | 108 | <2 | 44 | 25 |
| STOS-21 | Silt | | Duplicate of STOS-10 | 530559 | 7147400 | TJOP Rec | 0.38 | <0.005 | 0.2 | 18 | <2 | 36 | 12 |
| STOS-22 | Silt | | Duplicate of STOS-11 | 530819 | 7147955 | TJOP Rec | 0.56 | 0.007 | 0.3 | 46 | <2 | 33 | 23 |
| CAD-01 | Soil | | | 535050 | 7131498 | Caley | 0.32 | <0.005 | 1 | 59 | 2 | 97 | 90 |
| CAD-02 | Soil | | | 535000 | 7131500 | Caley | 0.28 | <0.005 | 1.6 | 30 | 4 | 130 | 111 |
| CAD-03 | Soil | | | 534950 | 7131500 | Caley | 0.32 | <0.005 | 3.7 | 108 | 7 | 70 | 209 |
| CAD-04 | Soil | R-111.12-01174 | | 534900 | 7131500 | Caley | 0.36 | <0.005 | 3.6 | 33 | 15 | 66 | 427 |
| CAD-05 | Soil | | | 534848 | 7131498 | Caley | 0.38 | 0.039 | 6.8 | 50 | 52 | 42 | 321 |
| CAD-06 | Soil | | frozen, no sample | 534850 | 7131450 | Caley | | | | | | | |
| CAD-07 | Soil | | | 534901 | 7131450 | Caley | 0.36 | 0.025 | 4.6 | 37 | 22 | 45 | 215 |
| CAD-08 | Soil | | | 534950 | 7131450 | Caley | 0.26 | 0.005 | 4.3 | 106 | 10 | 57 | 217 |
| CAD-09 | Soil | | | 534998 | 7131447 | Caley | 0.26 | <0.005 | 0.7 | 45 | 3 | 128 | 122 |
| CAD-10 | Soil | | | 535050 | 7131450 | Caley | 0.32 | <0.005 | 1 | 55 | 2 | 98 | 76 |
| CAD-11 | Soil | | | 535900 | 7131550 | Caley | 0.4 | <0.005 | <0.2 | 37 | <2 | 54 | 20 |
| CAD-12 | Soil | | | 535951 | 7131531 | Caley | 0.28 | <0.005 | 1.2 | 66 | <2 | 28 | 367 |
| CAD-13 | Soil | | | 536000 | 7131550 | Caley | 0.34 | 0.007 | 0.9 | 51 | <2 | 37 | 207 |
| CAD-14 | Soil | | | 536049 | 7131548 | Caley | 0.28 | 0.006 | 4.5 | 76 | <2 | 123 | 1165 |
| CAD-15 | Soil | | | 536100 | 7131550 | Caley | 0.3 | 0.031 | 12.5 | 202 | <2 | 114 | 1775 |
| CAD-16 | Soil | | | 536101 | 7131497 | Caley | 0.24 | 0.024 | 5.8 | 157 | <2 | 131 | 1010 |
| CAD-17 | Soil | | | 536050 | 7131500 | Caley | 0.36 | 0.02 | 1.5 | 107 | 2 | 120 | 381 |
| CAD-18 | Soil | | | 536002 | 7131498 | Caley | 0.24 | 0.019 | 3 | 138 | 2 | 29 | 554 |
| CAD-19 | Soil | | | 535950 | 7131500 | Caley | 0.32 | <0.005 | 0.7 | 49 | <2 | 47 | 133 |
| CAD-20 | Soil | | | 535901 | 7131488 | Caley | 0.26 | <0.005 | <0.2 | 46 | <2 | 38 | 22 |
| CAD-21 | Soil | | | 529737 | 7146623 | TJOP Rec | 0.22 | 0.043 | 2.4 | 289 | <2 | 30 | 149 |
| JOD-01 | Soil | | | 546524 | 7136699 | TJOP | 0.34 | <0.005 | <0.2 | 27 | <2 | 81 | 7 |
| JOD-03 | Soil | | | 546524 | 7136652 | TJOP | 0.38 | 0.005 | <0.2 | 10 | <2 | 44 | 6 |
| JOD-05 | Soil | | | 546576 | 7136654 | TJOP | 0.36 | <0.005 | <0.2 | 7 | <2 | 47 | 5 |
| JOD-07 | Soil | | | 546575 | 7136701 | TJOP | 0.4 | <0.005 | <0.2 | 11 | <2 | 36 | 7 |
| JOD-09 | Soil | | | 546574 | 7136752 | TJOP | 0.36 | 0.033 | <0.2 | 9 | <2 | 51 | 5 |
| JOD-11 | Soil | | | 546524 | 7136600 | TJOP | 0.34 | <0.005 | <0.2 | 13 | <2 | 39 | 8 |
| JOD-13 | Soil | | | 546475 | 7136600 | TJOP | 0.26 | <0.005 | <0.2 | 5 | <2 | 1790 | 3 |
| JOD-15 | Soil | | | 546951 | 7136452 | TJOP | 0.38 | <0.005 | <0.2 | 12 | <2 | 53 | 11 |
| JOD-17 | Soil | | | 546952 | 7136503 | TJOP | 0.26 | <0.005 | <0.2 | 10 | <2 | 85 | 7 |
| JOD-19 | Soil | | | 547198 | 7135999 | TJOP | 0.36 | <0.005 | <0.2 | 15 | <2 | 162 | 7 |
| JOD-20 | Soil | | | 547153 | 7136000 | TJOP | 0.24 | <0.005 | <0.2 | 6 | <2 | 104 | 5 |
| JOD-22 | Soil | | | 547054 | 7135999 | TJOP | 0.26 | 0.008 | <0.2 | 14 | <2 | 72 | 9 |
| JOD-23 | Soil | | | 547589 | 7135273 | TJOP | 0.3 | <0.005 | <0.2 | 14 | <2 | 207 | 5 |
| JOD-24 | Soil | | ************************************** | 547846 | 7135063 | TJOP | 0.24 | <0.005 | <0.2 | 26 | <2 | 116 | 4 |
| JOD-25 | Soil | | | 547895 | 7135065 | TJOP | 0.28 | <0.005 | <0.2 | 19 | <2 | 81 | 4 |

| Name | Туре | Interval | Description | Easting | Northing | Project | Weight | Au | Ag | As | Bi | Cr | Pb |
|---------|------|----------|-------------|---------|----------|---------|--------|--------|------|----|----|--------------|----|
| JOD-26 | Soil | | | 547900 | 7135000 | TJOP | 0.26 | <0.005 | <0.2 | 19 | <2 | 104 | 6 |
| JOD-27 | Soil | | | 547900 | 7135100 | TJOP | 0.3 | <0.005 | <0.2 | 19 | <2 | 78 | 4 |
| JOD-28 | Soil | | | 547900 | 7134950 | TJOP | 0.28 | <0.005 | <0.2 | 24 | <2 | 102 | 4 |
| JOD-29 | Soil | | | 547900 | 7134900 | TJOP | 0.32 | <0.005 | <0.2 | 34 | <2 | 753 | 4 |
| JOD-30 | Soil | | | 547894 | 7134602 | TJOP | 0.36 | <0.005 | <0.2 | 14 | <2 | 38 | 12 |
| JOD-31 | Soil | | | 547483 | 7134291 | TJOP | 0.26 | <0.005 | <0.2 | 92 | <2 | 910 | 4 |
| JOD-32 | Soil | | | 547085 | 7134181 | TJOP | 0.36 | <0.005 | 0.2 | 15 | <2 | 111 | 8 |
| JODD-02 | Soil | | | 546525 | 7136750 | TJOP | 0.38 | 0.005 | <0.2 | 10 | <2 | 44 | 6 |
| JODD-04 | Soil | | | 546475 | 7136750 | TJOP | 0.3 | <0.005 | <0.2 | 2 | <2 | 1 540 | <2 |
| JODD-06 | Soil | | | 546475 | 7136700 | TJOP | 0.3 | <0.005 | <0.2 | <2 | <2 | 1865 | <2 |
| JODD-08 | Soil | | | 546475 | 7136650 | TJOP | 0.34 | <0.005 | <0.2 | <2 | <2 | 1650 | <2 |
| JODD-10 | Soil | | | 546575 | 7136600 | TJOP | 0.36 | <0.005 | <0.2 | 11 | <2 | 50 | 6 |
| JODD-12 | Soil | | | 546625 | 7136600 | TJOP | 0.32 | 0.009 | <0.2 | 8 | <2 | 42 | 6 |
| JODD-14 | Soil | | | 546900 | 7136450 | TJOP | 0.4 | <0.005 | <0.2 | 11 | <2 | 84 | 8 |
| JODD-16 | Soil | | | 546900 | 7136500 | TJOP | 0.26 | <0.005 | <0.2 | 13 | <2 | 53 | 14 |
| JODD-18 | Soil | | | 547250 | 7136000 | TJOP | 0.32 | <0.005 | <0.2 | 7 | <2 | 56 | 5 |
| JODD-21 | Soil | | | 547100 | 7136000 | TJOP | 0.28 | <0.005 | <0.2 | 9 | <2 | 59 | 6 |



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To: KREFT, BERNIE **#1 LOCUST PLACE** WHITEHORSE YT Y1A 5C4

Page: 1 Finalized Date: 26-OCT-2012

Account: KREBER

CERTIFICATE VA12236908

Project: P.O. No.:

This report is for 32 Rock samples submitted to our lab in Vancouver, BC, Canada on 10-OCT-2012.

The following have access to data associated with this certificate:

BERNIE KREFT

| | SAMPLE PREPARATION | |
|----------|--------------------------------|--|
| ALS CODE | DESCRIPTION | |
| WEI-21 | Received Sample Weight | |
| LOG-22 | Sample login - Rcd w/o BarCode | |
| CRU-31 | Fine crushing - 70% < 2mm | |
| SPL-21 | Split sample - riffle splitter | |
| PUL-31 | Pulverize split to 85% < 75 um | |

| | ANALYTICAL PROCEDUR | ES |
|----------|-------------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au-AA23 | Au 30g FA-AA finish | AAS |
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |

To: KREFT, BERNIE #1 LOCUST PLACE WHITEHORSE YT Y1A 5C4 Astos TJOP

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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| CERTIFICATE | OF | ANALYSIS | VA12236908 |
|------------------|-----|-------------------|------------|
| OF ICE IN ICALIF | ~ 1 | A SI MA SIM I ONO | |

| 23 222 9 66 6 5 195 196 1300 76 584 9 24 7 218 45 487 5 19 157 | 4 08 10 20 2.05 9 61 3.68 2.93 3.60 |
|---|---|
| 6 5 195 198 1300 76 584 9 24 7 218 45 487 5 | 2.05 9.61 3.68 2.93 |
| 195 196 1300 76 584 9 24 7 218 45 487 5 | 9.61 3.68 2.93 |
| 1300 76 564 9 24 7 218 45 487 5 | 3.68 2.93 |
| 584 9 24 7 218 45 487 5 | 2.93 |
| 24 7 218 45 487 5 | |
| 218 45 487 5 | 3.60 |
| 487 5 | |
| | 6.73 |
| 19 157 | 10,70 |
| | 1.36 |
| 473 24 | 3.28 |
| 13 1 | 0.41 |
| 447 7 | 4.22 |
| 186 1 | 2.69 |
| 14 3 | 3.11 |
| 31 52 | 3.32 |
| 966 19 | 5.47 |
| 459 16 | 3 57 |
| 8 1 | 0.64 |
| 134 7 | 3.78 |
| 362 3 | 2.98 |
| 353 31 | 4,53 |
| 1535 99 | 4.58 |
| 24 1 | 0.91 |
| 11 10 | 2,60 |
| 215 20 | 3.78 |
| 16 130 | 5.93 |
| <1 21 | 6.03 |
| 8 7 | 1.39 |
| | 4.90 |
| | 19.2 |
| 6/ 436 | 10.75 |
| | 100 57 17 45 67 436 |



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| CERTIFICATE | OF | AMALVSIS | VA12236908 |
|-------------|----|----------|------------|
| CERTIFICATE | VI | MINNETON | WAILLOUGUU |

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| STOR-01 | | 10 | <1 | 0.17 | 10 | 0:57 | 430 | <1 | 0.02 | 7 | 290 | 22 | 0.11 | <2 | 3 | 25 |
| STOR-02 | 9 | <10 | <1 | 2.10 | <10 | 0.01 | 44 | 1 | 0.08 | <1 | 290 | 3310 | 4.15 | <2 | 2 | 42 |
| STOR-03 | | <10 | <1 | 0.02 | <10 | 1.05 | 1365 | <1 | < 0.01 | 7 | 10 | 9 | 0.02 | 2 | 3 | 56 |
| STOR-04 | | 20 | <1 | 0.41 | 10 | 2.75 | 1730 | <1 | 0.07 | 23 | 2440 | 184 | 1.00 | <2 | 13 | 66 |
| STOR-05 | | <10 | <1 | 0.02 | <10 | 5.02 | 2410 | া ি | 0.01 | 1600 | 50 | 96 | 1,20 | 8 | 5 | 173 |
| STOR-06 | | <10 | <1 | 0.01 | <10 | 17,00 | 562 | <1 | < 0.01 | 967 | 10 | 3 | 0.02 | 3 | 3 | 8 |
| STOR-07 | | <10 | <1 | 0.05 | 10 | 1.58 | 1540 | <1 | 0.02 | 20 | 180 | 20 | 0.03 | <2 | 5 | 196 |
| STOR-08 | | <10 | <1 | 0.20 | 10 | 2.64 | 3650 | <1 | 0.01 | 207 | 1790 | 72 | 0.29 | 2 | 15 | 113 |
| STOR-09 | | 10 | <1 | 0.02 | 10 | 4.23 | 2910 | 1 | 0.01 | 288 | 1380 | 37 | 0.01 | <2 | 17 | 117 |
| STOR-10 | | <10 | <1 | 0.15 | 10 | 0.11 | 770 | <1 | 0.01 | 19 | 950 | 8 | 0.08 | <2 | 2 | 66 |
| STOR-11 | | <10 | <1 | 0.01 | <10 | 17,15 | 593 | <1 | 0.01 | 753 | 10 | <2 | 0.01 | <2 | 9 | 3 |
| STOR-11 | | <10 | <1 | 0.07 | <10 | 0.61 | 329 | <1 | 0.01 | 13 | 1410 | 4 | 0.09 | 2 | 1 | 681 |
| STOR-13 | | <10 | <1 | 0.01 | <10 | 14.00 | 613 | <1 | 0.01 | 1325 | 20 | <2 | 0.07 | 6 | 5 | 475 |
| STOR-14 | | <10 | <1 | 0.02 | <10 | 8.80 | 855 | <1 | 0.01 | 227 | 10 | 3 | 0.03 | 60 | 3 | 1560 |
| STOR-15 | | <10 | <1 | 0.03 | <10 | 2.78 | 1040 | <1 | 0.01 | 15 | 120 | 3 | 0.01 | 5 | 3 | 379 |
| STOR-16 | | <10 | <1 | 0.17 | 10 | 0.76 | 902 | 3 | 0.01 | 77 | 1000 | 5 | 0.31 | 3 | 2 | 60 |
| STOR-17 | | <10 | <1 | 0.01 | <10 | 12.85 | 875 | <1 | 0.01 | 1955 | 20 | 2 | 0.29 | 24 | 4 | 1150 |
| STOR-18 | | <10 | <1 | 0.03 | <10 | 9.57 | 636 | <1 | 0.01 | 618 | 20 | 3 | 0.04 | 233 | 6 | 1060 |
| STOR-19 | | <10 | <1 | 0.29 | 30 | 0.09 | 25 | 1 | 0.01 | 7 | 50 | 26 | 0.22 | 3 | <1 | 31 |
| STOR-20 | | <10 | <1 | 0.01 | <10 | 7.37 | 1020 | <1 | 0.01 | 294 | 20 | 2 | 0.03 | 3 | 10 | 593 |
| STOR-21 | | <10 | <1 | 0.01 | <10 | 16.20 | 410 | <1 | 0.01 | 596 | 20 | <2 | 0.02 | 5 | 4 | 197 |
| STOR-22 | | <10 | <1 | 0.04 | <10 | 7.66 | 1400 | 1 | 0.01 | 204 | 30 | 4 | 0.04 | 5 | 24 | 840 |
| STOR-23 | | <10 | <1 | 0.01 | <10 | 7.82 | 1570 | <1 | 0.01 | 179 | 30 | 2 | 0.86 | 3 | 23 | 470 |
| STOR-24 | | <10 | <1 | 0.29 | 10 | 0.20 | 56 | 1 | 0.01 | 10 | 80 | 25 | 0.24 | <2 | <1 | 30 |
| STOR-25 | | <10 | <1 | 0.02 | 10 | 2.84 | 1270 | <1 | 0.02 | 7 | 280 | 20 | < 0.01 | <2 | 5 | 483 |
| STOR-26 | | <10 | <1 | 0.03 | <10 | 9.18 | 1640 | <1 | 0.01 | 278 | 10 | 4 | 0.46 | 18 | 10 | 1510 |
| JOR-01 | | <10 | <1 | 0.04 | <10 | 0.23 | 894 | <1 | < 0.01 | 37 | 310 | <2 | < 0.01 | 3 | 31 | 18 |
| JOR-02 | | <10 | <1 | 0.01 | <10 | 0.24 | 2090 | <1 | 0.01 | 4 | 90 | <2 | 0.01 | 3 | 12 | 18 |
| JOR-02 JOR-03 | | <10 | <1 | 0.04 | 10 | 0.37 | 642 | <1 | 0.01 | 10 | 70 | 13 | 0.01 | 2 | 2 | 1760 |
| JOR-04 | | <10 | <1 | 0.07 | <10 | 6.11 | 987 | <1 | 0.01 | 77 | 800 | 2 | < 0.01 | 2 | 10 | 550 |
| CAR-01 | | <10 | <1 | 0.08 | 20 | 0.37 | 718 | 63 | 0.01 | 190 | 4780 | 29 | 0.02 | <2 | 2 | 74 |
| CAR-01 | | 10 | <1 | 0.05 | <10 | 2.85 | 1860 | <1 | 0.05 | 162 | 3190 | 25 | 3.08 | <2 | 6 | 245 |
| J 92 | | | | | | | | | | | | | | 2 | | |



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To: KREFT, BERNIE #1 LOCUST PLACE WHITEHORSE YT Y1A 5C4 Page: 2 - C Total # Pages: 2 (A - C) Finalized Date: 26-OCT-2012

Account: KREBER

CERTIFICATE OF ANALYSIS VA12236908

| Sample Description | Method Analyte Units LOR | ME-ICP41 Th ppm 20 | ME-ICP41 Ti % 0.01 | ME-ICP41 TI ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|--|
| STOP Of | CONTRACTOR DESCRIPTION OF | <20 | 0.09 | <10 | <10 | 25 | <10 | 36 | |
| STOR-01 | 7 | <20 | <0.03 | <10 | <10 | 10 | <10 | 12 | |
| STOR-02 | | <20 | 0.01 | <10 | <10 | 58 | 20 | 41 | |
| STOR-03 | 3 | <20 | 0.55 | <10 | <10 | 214 | <10 | 131 | |
| STOR-04 | | <20 | 0.01 | <10 | <10 | 19 | <10 | 85 | |
| STOR-05 | | | | | | | | | |
| STOR-06 | | <20 | <0.01 | <10 | <10 | 9 | <10 | 13 | |
| STOR-07 | 1 | <20 | 0.02 | <10 | <10 | 23 | <10 | 75 | |
| STOR-08 | | <20 | 0.01 | <10 | <10 | 69 | <10 | 944 | |
| STOR-09 | | <20 | 0.01 | <10 | <10 | 125 | <10 | 578 | |
| STOR-10 | · | <20 | 0.01 | <10 | <10 | 16 | <10 | 52 | |
| STOR-11 | | <20 | < 0.01 | <10 | <10 | 20 | <10 | 19 | |
| STOR-12 | | <20 | < 0.01 | <10 | <10 | 3 | <10 | 21 | |
| STOR-13 | | <20 | < 0.01 | <10 | <10 | 12 | <10 | 7 | |
| STOR-14 | | <20 | < 0.01 | <10 | <10 | 11 | <10 | 8 | |
| STOR-15 | | <20 | < 0.01 | <10 | <10 | 24 | <10 | 24 | |
| STOR-16 | | <20 | <0.01 | <10 | <10 | 39 | <10 | 122 | |
| STOR-17 | | <20 | < 0.01 | <10 | <10 | 9 | <10 | 11 | |
| STOR-18 | | <20 | < 0.01 | <10 | <10 | 7 | <10 | 14 | |
| STOR-19 | | <20 | <0.01 | <10 | <10 | 1 | <10 | 2 | |
| STOR-20 | | <20 | < 0.01 | <10 | <10 | 53 | <10 | 38 | |
| STOR-21 | | <20 | < 0.01 | <10 | <10 | 8 | <10 | 10 | |
| STOR-22 | | <20 | < 0.01 | <10 | <10 | 102 | <10 | 30 | |
| STOR-23 | | <20 | < 0.01 | <10 | <10 | 187 | <10 | 68 | |
| STOR-24 | | <20 | < 0.01 | <10 | <10 | 2 | <10 | 5 | |
| STOR-25 | | <20 | < 0.01 | <10 | <10 | 19 | <10 | 17 | |
| STOR-26 | | <20 | <0.01 | <10 | <10 | 28 | <10 | 17 | |
| JOR-01 | | <20 | < 0.01 | <10 | <10 | 293 | <10 | 36 | |
| JOR-02 | | <20 | < 0.01 | <10 | <10 | 242 | <10 | 30 | |
| JOR-03 | | <20 | < 0.01 | <10 | <10 | 5 | <10 | 13 | |
| JOR-04 | | <20 | 0.01 | <10 | <10 | 73 | <10 | 46 | |
| CAR-01 | | <20 | 0.01 | <10 | 20 | 19 | <10 | 1840 | |
| CAR-02 | | <20 | 0,30 | <10 | <10 | 66 | <10 | 415 | |
| | | | | | | | | | |
| | 20.00.22 | | | | | | | | |



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To: KREFT, BERNIE #1 LOCUST PLACE WHITEHORSE YT Y1A 5C4 Page: 1 Finalized Date: 19-OCT-2012 Account: KREBER

CERTIFICATE VA12236906

Project:

P.O. No.:

This report is for 22 Silt samples submitted to our lab in Vancouver, BC, Canada on 10-OCT-2012.

The following have access to data associated with this certificate:

BERNIE KREFT

| SAMPLE PREPARATION | | | | | | | | | | |
|--------------------|--------------------------------|--|--|--|--|--|--|--|--|--|
| ALS CODE | DESCRIPTION | | | | | | | | | |
| WEI-21 | Received Sample Weight | | | | | | | | | |
| LOG-22 | Sample login - Rcd w/o BarCode | | | | | | | | | |
| SCR-41 | Screen to -180um and save both | | | | | | | | | |

| | ANALYTICAL PROCEDUR | ES |
|----------|-------------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au-AA23 | Au 30g FA-AA finish | AAS |
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |

TO: KREFT, BERNIE
#1 LOCUST PLACE
WHITEHORSE YT Y1A 5C4

Vegos Liel

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: KREFT, BERNIE #1 LOCUST PLACE WHITEHORSE YT Y1A 5C4 Page: 2 - A Total # Pages: 2 (A - C) Finalized Date: 19-OCT-2012

| CERTIFICATE | OF ANALYSIS | VA12236906 |
|-------------|-------------|------------|
|-------------|-------------|------------|

| Sample Description | Method | WEI-21 | Au-AA23 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--|--------------|--------------------------------------|--|--|--------------------------------------|-------------------------------|--|---------------------------------|--------------------------------------|----------------------------------|--------------------------------------|----------------------------------|----------------------------|-----------------------------|----------------------------|--------------------------------------|
| | Analyte | Recyd Wt. | Au | Ag | AI | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| | LOR | 0.02 | 0.005 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| STOS-01 | | 0.46 | <0.005 | 0.2 | 1,38 | 45 | <10 | 140 | <0.5 | <2 | 0.31 | 1.1 | 19 | 51 | 52 | 3.76 |
| STOS-02 | | 0.34 | 0.007 | 0.2 | 1,77 | 27 | <10 | 380 | <0.5 | <2 | 0.49 | 0.9 | 26 | 64 | 36 | 3.47 |
| STOS-03 | | 0.48 | 0.013 | 0.3 | 1.28 | 39 | <10 | 160 | <0.5 | <2 | 0.42 | 1.2 | 18 | 43 | 47 | 3.29 |
| STOS-04 | | 0.60 | <0.005 | 0.2 | 1.21 | 35 | <10 | 150 | <0.5 | 2 | 0.38 | 1.0 | 17 | 45 | 43 | 3.21 |
| STOS-05 | | 0.54 | 0.012 | 0.3 | 1.19 | 30 | <10 | 170 | <0.5 | <2 | 0.50 | 0.8 | 19 | 135 | 26 | 2.80 |
| STOS-06 | | 0.54 | 0.027 | 0.5 | 0.68 | 119 | <10 | 200 | <0.5 | <2 | 0.94 | 1,7 | 15 | 24 | 39 | 3.17 |
| STOS-07 | | 0.52 | 0.005 | 0.2 | 0.68 | 47 | <10 | 260 | <0.5 | <2 | 0.93 | 0,5 | 12 | 36 | 23 | 2.54 |
| STOS-08 | | 0.70 | 0.012 | <0.2 | 0.70 | 88 | <10 | 260 | <0.5 | <2 | 0.76 | 0.6 | 15 | 46 | 34 | 3.25 |
| STOS-09 | | 0.66 | 0.007 | 0.2 | 0.70 | 99 | <10 | 290 | <0.5 | <2 | 0.87 | 0.5 | 14 | 38 | 27 | 3.11 |
| STOS-10 | | 0.44 | <0.005 | <0.2 | 0.98 | 22 | <10 | 170 | <0.5 | <2 | 0.49 | 0.5 | 10 | 37 | 31 | 2.76 |
| STOS-10 STOS-11 STOS-12 STOS-13 STOS-14 STOS-15 | | 0.60 0.42 0.42 0.30 0.52 | 0.009 <0.005 <0.005 <0.005 0.005 | 0.2 <0.2 <0.2 <0.2 0.3 <0.2 | 0.79 1.36 1.84 1.34 1.23 | 51 42 29 40 39 | <10 <10 <10 <10 <10 <10 | 230 130 370 150 140 | <0.5 <0.5 <0.5 <0.5 <0.5 | 2 <2 <2 <2 <2 <2 | 1.02 0.35 0.51 0.44 0.39 | 1.2 1.2 1.1 1.5 1.1 | 12 17 28 19 16 | 34 52 68 53 47 | 40 55 41 53 47 | 2.89 3.85 3.80 3.75 3.39 |
| STOS-16 STOS-17 STOS-18 STOS-19 STOS-20 | - Add Allows | 0.50 0.48 0.56 0.56 0.50 | <0.005 0.009 0.010 0.007 <0.005 | 0.2 0.4 <0.2 0.2 0.2 | 1.27 0.67 0.71 0.74 0.75 | 32 128 52 100 108 | <10 <10 <10 <10 <10 | 170 200 250 240 330 | <0.5 <0.5 <0.5 <0.5 <0.5 | <2 <2 <2 <2 <2 <2 | 0.61 1.05 1.05 0.78 0.73 | 1.0 1.5 <0.5 0.7 0.8 | 21 15 13 17 19 | 147 28 39 48 44 | 31 45 27 36 35 | 3:22 3:36 2:76 3:42 3:39 |
| STOS-21 | | 0.38 | <0.005 | 0.2 | 0.96 | 18 | <10 | 160 | <0.5 | <2 | 0,49 | <0,5 | 10 | 36 | 28 | 2.63 |
| STOS-22 | | 0.56 | 0.007 | 0.3 | 0.77 | 46 | <10 | 210 | <0.5 | <2 | 0.98 | 0.8 | 12 | 33 | 43 | 2.93 |
| | | ā | | | | | | | | | | | | | | |



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To: KREFT, BERNIE **#1 LOCUST PLACE** WHITEHORSE YT Y1A 5C4 Page: 2 - B Total # Pages: 2 (A - C) Finalized Date: 19-OCT-2012

| CERTIFICATE | OF ANALYSIS | VA12236906 |
|-------------|-------------|------------|
|-------------|-------------|------------|

| | T CALLED | | | | | | | | CERTIFICATE OF ANALYSIS VA12236900 | | | | | | | <u>`</u> |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 p ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
| STOS-01 | 9/4/14/11/A | <10 | <1 | 0.04 | 20 | 0,91 | 678 | 6 | <0.01 | 68 | 960 | 57 | 0.03 | 2 | 3 | 27 |
| STOS-02 | 3 | 10 | <1 | 0.09 | 10 | 1.03 | 1270 | <1 | 0.01 | 55 | 1040 | 45 | 0.01 | <2 | 4 | 31 |
| STOS-03 | | <10 | <1 | 0.04 | 10 | 0.78 | 817 | 4 | < 0.01 | 59 | 870 | 44 | 0.03 | <2 | 3 | 30 |
| STOS-04 | | <10 | <1 | 0.04 | 10 | 0.77 | 623 | 4 | < 0.01 | 57 | 890 | 39 | 0.02 | <2 | 3 | 29 |
| STOS-05 | | <10 | <1 | 0.03 | 10 | 1.45 | 768 | <1 | <0.01 | 108 | 900 | 104 | 0,01 | <2 | 4 | 39 |
| STOS-06 | | <10 | <1 | 0.05 | 20 | 0.44 | 1035 | 3 | <0.01 | 61 | 1260 | 27 | 0.04 | 6 | 3 | 73 |
| STOS-07 | | <10 | <1 | 0.04 | 10 | 0.65 | 420 | 1 | 0,01 | 43 | 850 | 8 | 0.03 | 4 | 3 | 44 |
| STOS~08 | | <10 | <1 | 0.04 | 10 | 0.66 | 1035 | 3 | 0.01 | 61 | 1150 | 20 | 0.03 | 5 | 3 | 49 |
| STOS-09 | | <10 | <1 | 0.04 | 10 | 0.64 | 1170 | 2 | 0.01 | 51 | 1110 | 21 | 0.07 | 4 | 3 | 47 |
| STOS-10 | | <10 | <1 | 0.05 | 10 | 0.80 | 395 | 4 | 0.01 | 41 | 920 | 13 | 0.01 | 2 | 3 | 33 |
| STOS-11 | | <10 | <1 | 0.05 | 10 | 0.75 | 602 | 5 | 0.01 | 52 | 940 | 16 | 0.12 | 4 | 3 | 56 |
| STOS-17 | | <10 | <1 | 0.04 | 10 | 0.98 | 773 | 8 | 0.01 | 72 | 940 | 45 | 0.03 | 5 | 3 | 28 |
| STOS-12 | | 10 | <1 | 0.10 | 10 | 1.17 | 1475 | 1 | 0.01 | 66 | 1020 | 48 | 0.02 | <2 | 5 | 31 |
| STOS-13 | | <10 | <1 | 0.05 | 10 | 0.91 | 988 | 7 | 0.01 | 72 | 980 | 50 | 0.03 | 3 | 3 | 32 |
| STOS-14 | | <10 | <1 | 0.04 | 10 | 0.86 | 723 | 6 | 0.01 | 63 | 900 | 41 | 0.03 | 4 | 3 | 29 |
| STOS-16 | | <10 | <1 | 0.03 | 10 | 1.74 | 1000 | 1 | 0.01 | 133 | 940 | 50 | 0.01 | <2 | 4 | 43 |
| STOS-10 | | <10 | <1 | 0.05 | 20 | 0.47 | 1140 | 4 | 0.01 | 70 | 1300 | 27 | 0.05 | 6 | 3 | 77 |
| STOS-17 | | <10 | <1 | 0.04 | 10 | 0.73 | 484 | 2 | 0.01 | 51 | 880 | 17 | 0.03 | 6 | 3 | 47 |
| STOS-19 | | <10 | <1 | 0.05 | 10 | 0.69 | 1190 | 3 | 0.01 | 65 | 1140 | 19 | 0.03 | 6 | 3 | 51 |
| STOS-20 | | <10 | <1 | 0,05 | 10 | 0.71 | 1970 | 3 | 0.01 | 73 | 980 | 25 | 0.04 | 7 | 3 | 47 |
| STOS-21 | | <10 | <1 | 0.05 | 10 | 0.78 | 371 | 4 | 0.01 | 39 | 890 | 12 | 0.01 | <2 | 3 | 33 |
| STOS-21 | | <10 | <1 | 0.05 | 10 | 0.74 | 599 | 6 | 0.01 | 49 | 930 | 23 | 0.17 | 3 | 3 | 54 |
| | | | | | | | | | | | | | | | | |



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To: KREFT, BERNIE #1 LOCUST PLACE WHITEHORSE YT Y1A 5C4 Page: 2 - C Total # Pages: 2 (A - C) Finalized Date: 19-OCT-2012

| CERTIFICATE OF ANALYSIS | VA12236906 |
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| | | | | | | | | L | CERTIFI | CAIL OF A | INVEIDIO | 471 | 122300 | |
|---|-----------------------------------|--|--------------------------------------|---------------------------------|---------------------------------|----------------------------|---------------------------------|---------------------------------|---------|-----------|----------|-----|---|------------------------------|
| Sample Description | Method Analyte Units LOR | ME-ICP41 Th ppm 20 | ME-ICP41 Ti % 0.01 | ME-ICP41 TI ppm 10 | ME-ICP41 U ppm 10 | ME-ICP41 V ppm 1 | ME-ICP41 W ppm 10 | ME-ICP41 Zn ppm 2 | | | | 200 | Cumulatoch nyku y kallenyi ni halah kat | anny service and desired and |
| STOS-01 STOS-02 STOS-03 STOS-04 STOS-05 | 99324324 Market Dr. 18 Co. | <20 <20 <20 <20 <20 | 0.02 0.05 0.02 0.02 0.03 | <10 <10 <10 <10 <10 | <10 <10 <10 <10 <10 | 45 60 41 40 40 | <10 <10 <10 <10 <10 | 232 229 229 198 139 | | | | | | |
| STOS-06 STOS-07 STOS-08 STOS-09 STOS-10 | | <20 <20 <20 <20 <20 <20 | 0.01 0.04 0.03 0.04 0.02 | <10 <10 <10 <10 <10 | <10 <10 <10 <10 <10 | 25 44 41 47 30 | <10 <10 <10 <10 <10 | 158 79 125 118 118 | | | | | | |
| STOS-11 STOS-12 STOS-13 STOS-14 STOS-15 | | <20 <20 <20 <20 <20 | 0.03 0.02 0.05 0.02 0.02 | <10 <10 <10 <10 <10 | <10 <10 <10 <10 <10 | 35 44 61 43 40 | <10 <10 <10 <10 <10 | 160 233 236 246 206 | | | | | | |
| STOS-16 STOS-17 STOS-18 STOS-19 STOS-20 | | <20 <20 <20 <20 <20 | 0.03 0.01 0.04 0.02 0.02 | <10 <10 <10 <10 <10 | <10 <10 <10 <10 <10 | 44 26 43 37 35 | <10 <10 <10 <10 <10 | 166 166 90 131 153 | | | | | | |
| STOS-21 STOS-22 | | <20 <20 | 0.02 0.03 | <10 <10 | <10 <10 | 30 35 | <10 <10 | 110 137 | | | | | | |
| | | | | | | | | | | | | | | |
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To: KREFT, BERNIE #1 LOCUST PLACE WHITEHORSE YT Y1A 5C4 Page: 1 Finalized Date: 17-OCT-2012 Account: KREBER

CERTIFICATE VA12236907

Project:

P.O. No.:

This report is for 52 Soil samples submitted to our lab in Vancouver, BC, Canada on 10-OCT-2012.

The following have access to data associated with this certificate:

BERNIE KREFT

| SAMPLE PREPARATION | | | | | | | | | | |
|--------------------|--------------------------------|--|--|--|--|--|--|--|--|--|
| ALS CODE | DESCRIPTION | | | | | | | | | |
| WEI-21 | Received Sample Weight | | | | | | | | | |
| LOG-22 | Sample login - Rcd w/o BarCode | | | | | | | | | |
| SCR-41 | Screen to -180um and save both | | | | | | | | | |

| | ANALYTICAL PROCEDUR | ES |
|---------------------|-------------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au-AA23 | Au 30g FA-AA finish | AAS |
| Au-AA23 ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |

A5805 TJOP

TO: KREFT, BERNIE #1 LOCUST PLACE WHITEHORSE YT Y1A 5C4

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: KREFT, BERNIE #1 LOCUST PLACE WHITEHORSE YT Y1A 5C4 Page: 2 - A Total # Pages: 3 (A - C) Finalized Date: 17-OCT-2012

Account: KREBER

CERTIFICATE OF ANALYSIS VA12236907

| Sample Description | Method Analyte Units LOR | WEI-21 Recyd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | ME-ICP41 Ag ppm 0.2 | ME-ICP41 AI % 0.01 | ME-ICP41 As ppm 2 | ME-ICP41 B ppm 10 | ME-ICP41 Ba ppm 10 | ME-ICP41 Be ppm 0.5 | ME-ICP41 Bi ppm 2 | ME-ICP41 Ca % 0.01 | ME-ICP41 Cd ppm 0.5 | ME-ICP41 Co ppm 1 | ME-ICP41 Cr ppm 1 | ME-ICP41 Cu ppm 1 | ME-ICP41 Fe % 0.01 |
|--------------------|-----------------------------------|-----------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| IODD-02 | | 0.38 | 0.005 | <0.2 | 1.57 | 10 | <10 | 260 | <0.5 | <2 | 0.27 | <0.5 | 16 | 44 | 39 | 3.46 |
| JODD-02 JODD-04 | | 0.30 | < 0.005 | < 0.2 | 0.81 | 2 | 20 | 60 | < 0.5 | <2 | 0.12 | <0,5 | 98 | 1540 | 15 | 2.87 |
| JODD-04 JODD-06 | | 0.30 | < 0.005 | < 0.2 | 0.49 | <2 | 30 | 110 | < 0.5 | <2 | 0.04 | < 0.5 | 104 | 1865 | 9 | 3.75 |
| JODD-08 | | 0.34 | < 0.005 | < 0.2 | 1.10 | <2 | 10 | 60 | < 0.5 | <2 | 0.05 | < 0.5 | 82 | 1650 | 9 | 3.29 |
| IODD-08 IODD-10 | | 0.36 | < 0.005 | <0.2 | 2.06 | 11 | <10 | 370 | <0.5 | <2 | 0.27 | < 0.5 | 18 | 50 | 116 | 3.76 |
| JODD-12 | | 0.32 | 0.009 | <0.2 | 2.17 | 8 | <10 | 350 | 0.5 | <2 | 0.29 | < 0.5 | 16 | 42 | 56 | 3.74 |
| IODD-14 | | 0.40 | < 0.005 | < 0.2 | 2.03 | 11 | <10 | 290 | < 0.5 | <2 | 0.13 | < 0.5 | 9 | 84 | 23 | 3.41 |
| IODD-16 | | 0.26 | < 0.005 | < 0.2 | 2.18 | 13 | <10 | 340 | < 0.5 | <2 | 0.13 | < 0.5 | 8 | 53 | 21 | 3.34 |
| IODD-18 | | 0.32 | < 0.005 | < 0.2 | 1.53 | 7 | <10 | 250 | < 0.5 | <2 | 0.36 | < 0.5 | 11 | 56 | 35 | 2.67 |
| IODD-21 | | 0.28 | < 0.005 | < 0.2 | 1.57 | 9 | <10 | 350 | < 0.5 | <2 | 0.40 | <0.5 | 10 | 59 | 31 | 2.66 |
| IOD-01 | | 0.34 | < 0.005 | <0.2 | 2.15 | 27 | <10 | 570 | 0,5 | <2 | 0.28 | <0.5 | 33 | 81 | 120 | 6.76 |
| IOD-03 | | 0.30 | < 0.005 | < 0.2 | 1.85 | 22 | <10 | 340 | 0.7 | 2 | 0.25 | < 0.5 | 37 | 72 | 82 | 7.21 |
| IOD-05 | | 0.36 | < 0.005 | < 0.2 | 2.30 | 7 | <10 | 420 | 0.5 | <2 | 0.30 | < 0.5 | 19 | 47 | 56 | 3.99 |
| IOD-07 | | 0.40 | < 0.005 | < 0.2 | 1.70 | 11 | <10 | 380 | 0.5 | <2 | 0.32 | < 0.5 | 13 | 36 | 40 | 2.99 |
| IOD-09 | | 0.36 | 0.033 | < 0.2 | 1,95 | 9 | <10 | 350 | < 0.5 | <2 | 0.35 | <0.5 | 19 | 51 | 72 | 4.08 |
| OD-11 | | 0.34 | < 0.005 | <0.2 | 2.00 | 13 | <10 | 300 | <0.5 | <2 | 0.18 | <0.5 | 10 | 39 | 40 | 3,21 |
| IOD-13 | | 0.26 | < 0.005 | < 0.2 | 0.78 | 5 | 50 | 80 | <0.5 | <2 | 0.05 | < 0.5 | 72 | 1790 | 12 | 3.14 |
| IOD-15 | | 0.38 | < 0.005 | < 0.2 | 2.09 | 12 | <10 | 530 | < 0.5 | <2 | 0.26 | < 0.5 | 15 | 53 | 48 | 3.27 |
| JOD-17 | | 0.26 | < 0.005 | < 0.2 | 2.06 | 10 | <10 | 370 | <0.5 | <2 | 0.20 | < 0.5 | 17 | 85 | 37 | 3.81 |
| JOD-19 | | 0.36 | < 0.005 | <0.2 | 1,95 | 15 | <10 | 290 | <0.5 | <2 | 0.45 | <0.5 | 19 | 162 | 58 | 3.24 |
| JOD-20 | | 0.24 | < 0.005 | <0.2 | 1.84 | 6 | <10 | 280 | <0.5 | <2 | 0.47 | <0.5 | 18 | 104 | 46 | 3.08 |
| JOD-22 | | 0.26 | 0.008 | < 0.2 | 1.61 | 14 | <10 | 220 | < 0.5 | <2 | 0.18 | < 0.5 | 16 | 72 | 39 | 2.87 |
| JOD-23 | | 0.30 | < 0.005 | < 0.2 | 2.05 | 14 | <10 | 340 | 0.6 | <2 | 0.23 | <0.5 | 21 | 207 | 27 | 3.77 |
| JOD-24 | | 0.24 | < 0.005 | < 0.2 | 2.48 | 26 | <10 | 300 | 0.6 | <2 | 0.22 | <0.5 | 23 | 116 | 89 | 5,45 |
| JOD-25 | | 0.28 | < 0.005 | <0.2 | 2.32 | 19 | <10 | 270 | 0.5 | <2 | 0.21 | <0.5 | 18 | 81 | 86 | 4.29 |
| IOD-26 | | 0.26 | <0.005 | <0.2 | 2.33 | 19 | <10 | 330 | 0,5 | <2 | 0.28 | <0.5 | 19 | 104 | 81 | 4.14 |
| IOD-27 | | 0.30 | < 0.005 | < 0.2 | 2.19 | 19 | <10 | 190 | <0.5 | <2 | 0.15 | < 0.5 | 19 | 78 | 66 | 3.99 |
| JOD-28 | | 0.28 | < 0.005 | < 0.2 | 2,90 | 24 | <10 | 220 | 0.5 | <2 | 0.22 | < 0.5 | 19 | 102 | 77 | 4.79 |
| JOD-29 | | 0.32 | < 0.005 | < 0.2 | 3.56 | 34 | <10 | 390 | 0.6 | <2 | 0.48 | <0.5 | 45 | 753 | 38 | 5.95 |
| JOD-30 | | 0.36 | < 0.005 | < 0.2 | 1.93 | 14 | <10 | 120 | 0.6 | <2 | 2.17 | < 0.5 | 15 | 38 | 26 | 3.76 |
| IOD-31 | | 0.26 | < 0.005 | <0.2 | 1.01 | 92 | <10 | 150 | <0.5 | <2 | 1.07 | < 0.5 | 80 | 910 | 32 | 4.21 |
| IOD-32 | | 0.36 | < 0.005 | 0.2 | 1.57 | 1 5 | <10 | 540 | 0.6 | <2 | 0.71 | <0.5 | 15 | 111 | 41 | 3.24 |
| CAD-01 | | 0.32 | < 0.005 | 1.0 | 2.59 | 59 | <10 | 660 | 0.7 | 2 | 0.54 | 1.2 | 32 | 97 | 54 | 4.54 |
| CAD-02 | | 0.28 | < 0.005 | 1.6 | 2.67 | 30 | <10 | 170 | 0.7 | 4 | 0.67 | 1.7 | 44 | 130 | 90 | 4.62 5.63 |
| CAD-03 | | 0.32 | < 0.005 | 3.7 | 2.74 | 108 | <10 | 720 | 0.8 | 7 | 0.85 | 1.5 | 34 | 70 | 103 | |
| CAD-04 | | 0.36 | < 0.005 | 3,6 | 1,69 | 33 | <10 | 390 | 0.6 | 15 | 0.53 | 1.7 | 80 | 66 | 270 | 7.38 |
| CAD-05 | | 0.38 | 0.039 | 6.8 | 1.45 | 50 | <10 | 190 | <0.5 | 52 | 0.38 | 1.4 | 15 | 42 | 55 | 3.64 |
| CAD-07 | | 0.36 | 0.025 | 4.6 | 2.34 | 37 | <10 | 380 | 0.7 | 22 | 0.35 | 1.7 | 44 | 45 | 161 | 4.90 |
| CAD-08 | | 0.26 | 0.005 | 4.3 | 2.23 | 106 | <10 | 720 | 0.6 | 10 | 1.04 | 1.4 | 27 | 57 | 110 | 5.16 |
| CAD-09 | | 0.26 | < 0.005 | 0.7 | 3.52 | 45 | <10 | 120 | 0.9 | 3 | 0.27 | 0.7 | 65 | 128 | 58 | 5.86 |



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Account: KREBER

CERTIFICATE OF ANALYSIS VA12236907

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ga ppm 10 | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| JODD-02 | | <10 | <1 | 0.04 | 10 | 0.64 | 561 | <1 | 0.01 | 37 | 300 | 6 | < 0.01 | 2 | 11 | 15 |
| JODD-04 | | <10 | <1 | < 0.01 | 10 | 19.75 | 740 | <1 | < 0.01 | 2040 | 160 | <2 | 0.01 | <2 | 7 | 10 |
| JODD-06 | I | <10 | <1 | 0.01 | <10 | 21.8 | 1160 | <1 | < 0.01 | 1760 | 180 | <2 | 0.01 | <2 | 6 | 4 |
| JODD-08 | | <10 | <1 | 0.01 | <10 | 18.70 | 699 | <1 | < 0.01 | 1695 | 130 | <2 | < 0.01 | <2 | 14 | 4 |
| JODD-10 | | 10 | <1 | 0.03 | 10 | 0.93 | 516 | <1 | 0.01 | 36 | 230 | 6 | < 0.01 | 2 | 14 | 22 |
| JODD-12 | | 10 | <1 | 0.04 | 10 | 0.79 | 548 | <1 | 0.01 | 31 | 250 | 6 | <0.01 | <2 | 13 | 24 |
| JODD-14 | | 10 | <1 | 0.04 | 10 | 0.66 | 287 | <1 | 0.01 | 35 | 280 | 8 | < 0.01 | <2 | 7 | 12 |
| JODD-16 | | 10 | <1 | 0.04 | 10 | 0.63 | 290 | <1 | 0.01 | 23 | 300 | 14 | 0.01 | 2 | 6 | 12 |
| JODD-18 | | <10 | <1 | 0.03 | 10 | 0.76 | 370 | <1 | 0.01 | 34 | 380 | 5 | 0.01 | <2 | 5 | 19 |
| JODD-21 | | <10 | <1 | 0.04 | 10 | 0.73 | 359 | <1 | 0.01 | 39 | 610 | 6 | <0.01 | <2 | 5 | 26 |
| IOD-01 | | <10 | <1 | 0.04 | 10 | 1,10 | 1255 | <1 | 0.01 | 60 | 320 | 7 | < 0.01 | 3 | 34 | 14 |
| JOD-03 | | <10 | <1 | 0.04 | 10 | 0.86 | 1240 | <1 | 0.01 | 58 | 530 | 6 | < 0.01 | 3 | 33 | 13 |
| JOD-05 | | 10 | <1 | 0.04 | 10 | 0.88 | 680 | <1 | 0.01 | 33 | 230 | 5 | <0.01 | <2 | 15 | 23 |
| JOD-07 | | <10 | <1 | 0.04 | 10 | 0.69 | 511 | <1 | 0.01 | 31 | 400 | 7 | < 0.01 | 2 | 9 | 23 |
| JOD-09 | | 10 | <1 | 0.04 | 10 | 0.87 | 656 | <1 | 0.01 | 35 | 370 | 5 | < 0.01 | <2 | 13 | 24 |
| JOD-11 | | <10 | <1 | 0.04 | 10 | 0.57 | 293 | <1 | 0.01 | 26 | 270 | 8 | <0.01 | <2 | 5 | 16 |
| JOD-13 | | <10 | 1 | 0.01 | <10 | 18.85 | 651 | <1 | 0.01 | 1650 | 180 | 3 | 0.01 | <2 | 5 | 5 |
| IOD-15 | | <10 | 1 | 0.03 | 10 | 0.99 | 525 | <1 | 0.01 | 36 | 220 | 11 | 0.01 | 2 | 11 | 18 |
| JOD-17 | | 10 | 1 | 0.03 | 10 | 0,85 | 596 | <1 | 0.01 | 42 | 290 | 7 | < 0.01 | <2 | 11 | 16 |
| JOD-19 | | <10 | 1 | 0.04 | 10 | 1.36 | 495 | <1 | 0.02 | 130 | 470 | 7 | 0.01 | <2 | 7 | 19 |
| JOD-20 | | <10 | <1 | 0.03 | 10 | 1.14 | 556 | <1 | 0.01 | 75 | 520 | 5 | 0.02 | 2 | 5 | 22 |
| JOD-22 | | <10 | <1 | 0.03 | 10 | 0.82 | 509 | <1 | 0.02 | 48 | 340 | 9 | 0.02 | <2 | 5 | 13 |
| JOD-23 | | 10 | <1 | 0.03 | 10 | 1.26 | 458 | 1 | 0.03 | 93 | 200 | 5 | 0.02 | <2 | 8 | 15 |
| JOD-24 | | 10 | <1 | 0.03 | 10 | 1.39 | 635 | <1 | 0.02 | 66 | 190 | 4 | 0.02 | 4 | 27 | 14 |
| JOD-25 | | 10 | <1 | 0.03 | 10 | 1.16 | 477 | <1 | 0.02 | 47 | 140 | -4 | 0.02 | <2 | 18 | 16 |
| JOD-26 | | 10 | <1 | 0.04 | 10 | 1.24 | 603 | 1 | 0.02 | 58 | 210 | 6 | 0.02 | <2 | 16 | 19 |
| JOD-27 | | <10 | <1 | 0.03 | 10 | 1.07 | 413 | <1 | 0.02 | 43 | 140 | 4 | 0.02 | <2 | 14 | 12 |
| JOD-28 | | 10 | <1 | 0.02 | 10 | 1.58 | 412 | <1 | 0.02 | 50 | 150 | 4 | 0.02 | <2 | 15 | 13 |
| JOD-29 | | 10 | <1 | 0.03 | 10 | 2.66 | 1090 | <1 | 0.02 | 157 | 300 | 4 | 0.02 | <2 | 76 | 14 |
| JOD-30 | | <10 | <1 | 0.04 | 40 | 0.70 | 457 | 1 | 0.02 | 38 | 320 | 12 | 0.03 | <2 | 5 | 118 |
| JOD-31 | | <10 | <1 | 0.04 | 10 | 4.48 | 632 | <1 | 0.02 | 749 | 310 | 4 | 0.03 | 26 | 11 | 40 |
| JOD-32 | | 10 | <1 | 0.05 | 10 | 1.31 | 354 | <1 | 0.03 | 104 | 640 | 8 | 0.03 | 3 | 6 | 47 |
| CAD-01 | | 10 | <1 | 0.21 | 20 | 1.31 | 1200 | 1 | 0.03 | 67 | 1040 | 90 | 0.04 | <2 | 7 | 29 |
| CAD-02 | | 10 | 1 | 0.26 | 20 | 1.33 | 1200 | 1 | 0.03 | 85 | 1150 | 111 | 0.09 | <2 | 6 | 41 |
| CAD-03 | | 10 | <1 | 0.24 | 20 | 1.16 | 1510 | 2 | 0.04 | 65 | 1040 | 209 | 0.10 | <2 | 8 | 40 |
| CAD-04 | | 10 | <1 | 0.20 | 10 | 0,71 | 1790 | 1 | 0.04 | 95 | 1400 | 427 | 0.27 | <2 | 6 | 50 |
| CAD-05 | | 10 | <1 | 0.10 | 10 | 0.65 | 402 | 1 | 0.03 | 36 | 920 | 321 | 0.06 | <2 | 4 | 26 |
| CAD-07 | | 10 | <1 | 0.14 | 20 | 0.58 | 1320 | 1 | 0.03 | 58 | 910 | 215 | 0.13 | <2 | 5 | 33 |
| CAD-08 | | 10 | <1 | 0.13 | 20 | 0.86 | 1200 | 2 | 0.03 | 49 | 920 | 217 | 0.12 | <2 | 6 | 48 |
| CAD-09 | | 10 | <1 | 0.23 | 10 | 1.68 | 2010 | 1 | 0.04 | 68 | 620 | 122 | 0.08 | <2 | 7 | 30 |



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Account: KREBER

CERTIFICATE OF ANALYSIS VA12236907

| | Master | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | |
|--------------------|--|------------|----------|----------|----------|----------|----------|----------|--|
| | Method Analyte | Th | Ti | TI | U | ٧ | W | Zn | |
| | Units | ppm | % | ppm | ppm | ppm | ppm | ppm | |
| Sample Description | LOR | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 | |
| IODD 03 | LINE DE LA CONTRACTION DE LA C | <20 | 0.05 | <10 | <10 | 83 | <10 | 52 | |
| JODD-02 | | <20 | 0.03 | <10 | <10 | 16 | <10 | 17 | |
| JODD-04 | | <20 | 0.01 | <10 | <10 | 16 | <10 | 20 | |
| JODD-06 | | | 0.01 | <10 | <10 | 52 | <10 | 24 | |
| JODD-08 | | <20 <20 | 0.02 | <10 | <10 | 111 | <10 | 48 | |
| JODD-10 | | | | | | | | | |
| JODD-12 | | <20 | 0.05 | <10 | <10 | 96 | <10 | 54 | |
| JODD-14 | | <20 | 0.06 | <10 | <10 | 80 | <10 | 59 | |
| JODD-16 | | <20 | 0.07 | <10 | <10 | 82 | <10 | 59 | |
| JODD-18 | | <20 | 0.07 | <10 | <10 | 62 | <10 | 50 | |
| JODD-21 | | <20 | 0.07 | <10 | <10 | 57 | <10 | 48 | |
| IOD-01 | | <20 | 0.02 | <10 | <10 | 142 | <10 | 73 | |
| JOD-03 | | <20 | 0.01 | <10 | <10 | 156 | <10 | 76 | |
| JOD-05 | | <20 | 0.07 | <10 | <10 | 107 | <10 | 53 | |
| JOD-07 | | <20 | 0.07 | <10 | <10 | 63 | <10 | 61 | |
| JOD-09 | | <20 | 0.06 | <10 | <10 | 111 | <10 | 57 | |
| JOD-11 | | <20 | 0.06 | <10 | <10 | 75 | <10 | 48 | |
| JOD-13 | | <20 | 0.02 | <10 | <10 | 23 | <10 | 16 | |
| JOD-15 | | <20 | 0.05 | <10 | <10 | 83 | <10 | 61 | |
| JOD-17 | | <20 | 0.06 | <10 | <10 | 95 | <10 | 61 | |
| JOD-19 | | <20 | 0.08 | <10 | <10 | 75 | <10 | 56 | |
| JOD-20 | | <20 | 0.07 | <10 | <10 | 70 | <10 | 49 | |
| JOD-22 | | <20 | 0.07 | <10 | <10 | 55 | <10 | 53 | |
| JOD-23 | | <20 | 0.07 | <10 | <10 | 67 | <10 | 64 | |
| JOD-24 | | <20 | 0.02 | <10 | <10 | 115 | <10 | 60 | |
| JOD-25 | | <20 | 0.05 | <10 | <10 | 97 | <10 | 54 | |
| JOD-26 | | <20 | 0.05 | <10 | <10 | 93 | <10 | 106 | |
| JOD-27 | | <20 | 0.04 | <10 | <10 | 88 | <10 | 51 | |
| JOD-28 | | <20 | 0.03 | <10 | <10 | 116 | <10 | 52 | |
| JOD-29 | | <20 | 0.01 | <10 | <10 | 164 | <10 | 57 | |
| JOD-30 | | <20 | 0.02 | <10 | <10 | 31 | <10 | 69 | |
| JOD-31 | | <20 | 0.02 | <10 | <10 | 51 | <10 | 29 | |
| JOD-32 | | <20 | 0.06 | <10 | <10 | 55 | <10 | 60 | |
| CAD-01 | | <20 | 0.10 | <10 | <10 | 83 | <10 | 246 | |
| CAD-02 | | <20 | 0.10 | <10 | <10 | 64 | <10 | 332 | |
| CAD-03 | | <20 | 0.08 | <10 | <10 | 97 | <10 | 485 | |
| CAD-04 | | <20 | 0.14 | <10 | <10 | 68 | <10 | 501 | |
| CAD-05 | | <20 | 0.07 | <10 | < 10 | 52 | <10 | 420 | |
| CAD-07 | | <20 | 0.05 | <10 | <10 | 49 | <10 | 348 | |
| CAD-07 | | <20 | 0.05 | <10 | <10 | 77 | <10 | 416 | |
| CAD-08 | | <20 | 0.16 | 10 | <10 | 91 | <10 | 263 | |
| 0AD-03 | | | | | | | | | |



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| Minera | | CERTIFICATE OF ANALYSIS VA1223690 | | | | | | | <u>/</u> | | | | | | | |
|--------------------|---|-----------------------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Description | Method | WEI-21 | Au-AA23 | ME-ICP41 |
| | Analyte | Recyd Wt. | Au | Ag | AI | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Γe |
| | Units | kg | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| | LOR | 0.02 | 0.005 | 0.2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 0.5 | 1 | 1 | 1 | 0.01 |
| CAD-10 | aran aran aran aran aran aran aran aran | 0.32 | <0.005 | 1.0 | 2.56 | 55 | <10 | 720 | 0.7 | 2 | 0.82 | 1.1 | 32 | 98 | 61 | 4.38 |
| CAD-11 | | 0.40 | <0.005 | <0.2 | 1.78 | 37 | <10 | 200 | <0.5 | <2 | 0.98 | <0.5 | 16 | 54 | 52 | 4.06 |
| CAD-12 | | 0.28 | <0.005 | 1.2 | 1.19 | 66 | <10 | 150 | <0.5 | <2 | 1.53 | 3.1 | 23 | 28 | 46 | 3.39 |
| CAD-13 | | 0.34 | 0.007 | 0.9 | 1.36 | 51 | <10 | 170 | <0.5 | <2 | 0.69 | 1.6 | 22 | 37 | 72 | 3.56 |
| CAD-14 | | 0.28 | 0.006 | 4.5 | 1.30 | 76 | <10 | 390 | <0.5 | <2 | 0.96 | 4.3 | 26 | 123 | 68 | 3.20 |
| CAD-15 | | 0.30 | 0.031 | 12.5 | 1.78 | 202 | <10 | 620 | 0.5 | <2 | 0.76 | 5.6 | 29 | 114 | 96 | 4.70 |
| CAD-16 | | 0.24 | 0.024 | 5.8 | 1.73 | 157 | <10 | 520 | 0.5 | <2 | 0.63 | 5.9 | 31 | 131 | 85 | 4.20 |
| CAD-17 | | 0.36 | 0.020 | 1.5 | 1.17 | 107 | <10 | 360 | <0.5 | 2 | 0.91 | 4.8 | 26 | 120 | 85 | 3.91 |
| CAD-18 | | 0.24 | 0.019 | 3.0 | 1.31 | 138 | <10 | 210 | 0.5 | 2 | 0.48 | 4.7 | 26 | 29 | 127 | 4.69 |
| CAD-19 | | 0.32 | <0.005 | 0.7 | 1.85 | 49 | <10 | 140 | <0.5 | <2 | 1.64 | 1.2 | 34 | 47 | 72 | 4.21 |
| CAD-20 | | 0.26 | <0.005 | <0.2 | 1.22 | 46 | <10 | 100 | <0.5 | <2 | 5.02 | <0.5 | 27 | 38 | 63 | 3.65 |
| CAD-21 | | 0.22 | 0.043 | 2.4 | 0.62 | 289 | <10 | 270 | <0.5 | <2 | 0.33 | 2.9 | 16 | 30 | 89 | 4.04 |



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| Minera | IS | | | | | | | | CI | ERTIFIC | ATE O | FANAL | YSIS | VA122 | 36907 | |
|--|--|-------------------------------|---------------------------|--|----------------------------|--------------------------------------|------------------------------------|--------------------------|--------------------------------------|-----------------------------|-----------------------------------|--------------------------------|--------------------------------------|------------------------|-----------------------|----------------------------|
| Sample Description | Method | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICF41 | ME-ICP41 |
| | Analyte | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr |
| | Units | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | LOR | 10 | 1 | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 2 | 1 | 1 |
| CAD-10 CAD-11 CAD-12 CAD-13 CAD-14 | | 10 10 <10 <10 <10 | <1 <1 1 <1 <1 | 0.24 0.05 0.05 0.05 0.05 0.07 | 20 20 20 30 20 | 1.25 0.90 0.64 0.75 1.37 | 1400 735 1290 896 1280 | <1 <1 1 1 <1 | 0.04 0.02 0.02 0.02 0.03 | 72 61 37 63 137 | 1130 1240 980 790 840 | 76 20 367 207 1165 | 0.06 0.04 0.09 0.06 0.08 | <2 3 3 3 6 | 7 5 3 4 4 | 37 58 89 48 56 |
| CAD-15 | | <10 | <1 | 0,08 | 20 | 1.26 | 1590 | 1 | 0.03 | 121 | 970 | 1775 | 0.06 | 12 | 7 | 56 |
| CAD-16 | | <10 | <1 | 0,09 | 20 | 1.41 | 1700 | 1 | 0.03 | 159 | 860 | 1010 | 0.08 | 10 | 7 | 51 |
| CAD-17 | | <10 | <1 | 0,05 | 20 | 1.24 | 1660 | 1 | 0.02 | 165 | 970 | 381 | 0.06 | 8 | 6 | 45 |
| CAD-18 | | <10 | <1 | 0,06 | 30 | 0.62 | 1270 | 2 | 0.02 | 68 | 960 | 554 | 0.08 | 7 | 4 | 49 |
| CAD-19 | | 10 | <1 | 0,05 | 20 | 1.03 | 1480 | 1 | 0.02 | 65 | 1050 | 133 | 0.08 | 4 | 6 | 102 |
| CAD-20 | and the second seco | <10 | <1 | 0.02 | 20 | 0.78 | 1100 | 1 | 0.02 | 64 | 1650 | 22 | 0.12 | <2 | 4 | 312 |
| CAD-21 | | <10 | <1 | 0.06 | 10 | 0.17 | 685 | 6 | 0.02 | 65 | 790 | 149 | 0.06 | 38 | 3 | 39 |



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W. W.

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| CERTIFICA | TE OF | ANALYSIS | VA12236907 |
|-----------|-------|----------|------------|
|-----------|-------|----------|------------|

| | | | | | | | | 2000 1000 1000 | CERTIFICATE OF ANALISIS | WITTE ECOCO. |
|---|----------------------------|-----------------------|---------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|-------------------------|--------------|
| with the second | Method Analyte Units | ME-ICP41 Th ppm | ME-ICP41 Ti % | ME-ICP41 TI ppm | ME-ICP41 U ppm | ME-ICP41 V ppm | ME-ICP41 W ppm | ME-ICP41 Zn ppm | | |
| ample Description | LOR | 20 | 0.01 | 10 | 10 | 1 | 10 | 2 | | |
| AD-10 | are bearing the same | <20 | 0.10 | <10 | <10 | 86 | <10 | 238 | | |
| AD-11 | | <20 | 0.02 | <10 | <10 | 40 | <10 | 102 | | |
| CAD-12 | | <20 | 0.01 | <10 | <10 | 22 | <10 | 306 | | |
| CAD-13 | | <20 | 0.02 | <10 | <10 | 33 | <10 | 258 618 | | |
| CAD-14 | | <20 | 0.02 | <10 | <10 | 35 | <10 | | | |
| CAD-15 | | <20 | 0.02 | <10 | <10 | 53 | <10 <10 | 1570 930 | | |
| CAD-16 | | <20 | 0.03 | <10 | <10 <10 | 54 37 | <10 | 761 | | |
| CAD-17 | | <20 | 0.01 0.01 | <10 <10 | <10 | 26 | <10 | 606 | | |
| CAD-18 | | 20 <20 | 0.01 | <10 | <10 | 41 | <10 | 196 | | |
| CAD-19 | | S | 0.01 | <10 | <10 | 33 | <10 | 60 | | |
| CAD-20 | | <20 <20 | 0.01 | <10 | <10 | 30 | <10 | 378 | | |
| CAD-21 | | ~20 | 0.01 | | 191 | 57527 | | | | |
| | | | | | | | | | | |
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