

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

**Assessment Report
Title Page and Summary**

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

TOTAL COST: 10283.05

AUTHOR(S): Jarret Kreft and Justin Kreft

SIGNATURE(S): report signed

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): no surface disturbance

YEAR OF WORK: 2014

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5529010

PROPERTY NAME: Placer Antimony

CLAIM NAME(S) (on which the work was done): 1019797, 1027418

COMMODITIES SOUGHT: Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: no minfile

MINING DIVISION: Cariboo

NTS/BCGS: 093j14e/093j095

LATITUDE: 54 ° 57 ' _____ " LONGITUDE: 123 ° 09 ' _____ " (at centre of work)

OWNER(S):

1) Bernard Kreft

2) _____

MAILING ADDRESS:

1 Locust Place, Whitehorse Yukon, Y1A5G9

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

1) Bernard Kreft

2) _____

MAILING ADDRESS:

as above

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

Takla Group volcanics and lesser sediments, quartz porphyry dykes, iron carbonate alteration, pyrite, silicification, stibnite, arsenopyrite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 24511, 25622, 26315

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil 37 soil/till 36 element icp		1027418 (4 rock 18 soil)	
Silt			
Rock 27 36 element icp		1019797 (23 rock 19 soil)	
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST:			\$10,283.05

Assessment Report
**2014 Geochemical Sampling
And
Prospecting Report
On The
Placer Antimony Property
Tenures Worked On: 1019797 and 1027418**

Located In The Nechako Plateau Area
Central British Columbia
Cariboo Mining Division
NTS: 093J14E
BCGS: 093J095
Latitude 54° 57' North and Longitude 123° 09' West

By
Jarret & Justin Kreft

December 11th, 2014

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Location – The Placer Antimony project is located on NTS map sheet 093J14E in the Cariboo Mining Division, 125 kilometers north-northwest of Prince George BC and 40 kilometers south of Mackenzie BC, west of McLeod Lake, at approximately 54°57'N and 123°9'W. A total of 68 cells in five tenures comprise the project, with claim data found on the following table:

Name	Tenure Numbers	Registered Owner	Expiry Date Y/M/D	Area (Ha)
Placer Antimoy	1019797	Kreft, John Bernard	2021/JUL/08	111.43
Placer Sb North	1023592	"	2014/NOV/03	74.27
Placer Sb Perim	1027416	"	2015/APR/10	352.83
Placer Sb Perim East	1027417	"	2015/APR/10	519.98
Placer Sb Perim North	1027418	"	2015/APR/10	92.81

* pending acceptance of this report by Mineral Titles *

Access – Access to the property is achieved by turning west onto the Finlay Forest Service Road, which leaves Highway 97 (John Hart Highway) approximately 2.3km south of the Parsnip River Bridge or 169 km north of Prince George. The Finlay Forest Service Road is followed for 9km to its junction with Holder Mainline which is followed for approximately 24km to the Des Creek showings which are located just before the Des Creek Bridge. The majority of the logging/forest service roads in this area have a gravel base and are very well maintained.

Topography and Vegetation – The project lies within the Nechako Plateau which is characterized by low rolling hills that become hillier to the northeast rising quickly to the mountainous terrain northeast of the Rocky Mountain Trench. Climate in the area consists of cold winters, and warm summers with optimal working conditions starting at the beginning of May and ending in late October.

Surficial geology on the property is dominated by post glacial features related to an ice sheet which moved from the SSW to the NNE. Drumlins and eskers follow this trend and comprise many of the heavily logged low rolling hills. Numerous lakes and small streams are found in the area, with their orientation often following the same NNE trend. Larger creeks in the area have cut deep channels through the till (which likely varies from 1.0m to 20m or more in thickness) exposing bedrock on many of the valley walls.

History and Previous Work – The area was first extensively worked by Cariboo Northern Development Co. Ltd. and Northern Relief Gold Mines in the early 1930's. Their work was concentrated on the development of placer deposits along with some hardrock prospecting for the source of the placer gold. Numerous quartz veins were located, several of which were drifted upon, with samples taken from zones other than quartz veins returning assays of up to \$3.60/ton (approximately 5.4 g /t Au).

AR 9297 – In 1981 Ranger Oil Ltd. completed a small exploration program consisting of a B-horizon soil survey and limited geological reconnaissance centred on a small lake approximately 3.5 kilometres west of the Des Creek showings. This work showed that the claims are underlain by argillaceous rocks thought to belong to the Paleozoic Slide Mountain Terrane cut by gabbroic dikes, the intrusion of which appears to have caused several narrow discontinuous zones of silicification and carbonatization mineralized with minor pyrrhotite. Geochemical analyses, limited to Cu-Ni-Zn, failed to return coherent anomalies and no further work was recommended.

AR 20196 – In 1989 Plasway Resources staked the BYT claims which were subsequently optioned to the Golden Edge Syndicate. Exploration conducted by a consulting geologist for Golden Edge encountered values of up to 140 ppb Au from a sample of a quartz veined and pyritic felsic intrusive located approximately 1.4 km south of the Des Creek showings and just west of a small lake. Geology consists of Takla Group rocks intruded by syenite porphyry dykes



Property Location Map (Provincial)
 To Accompany Placer Antimony Assessment Report

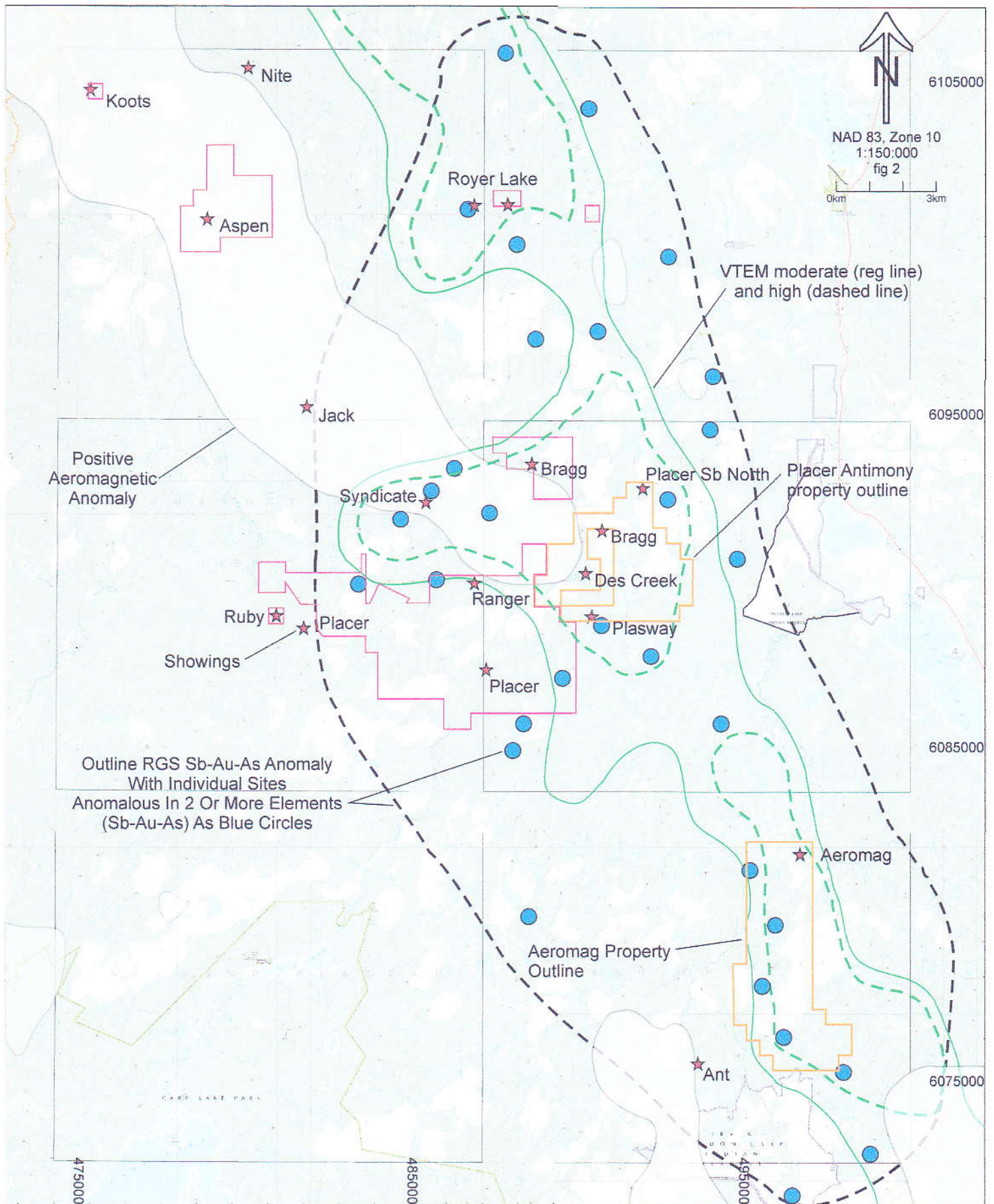
* = Property Location

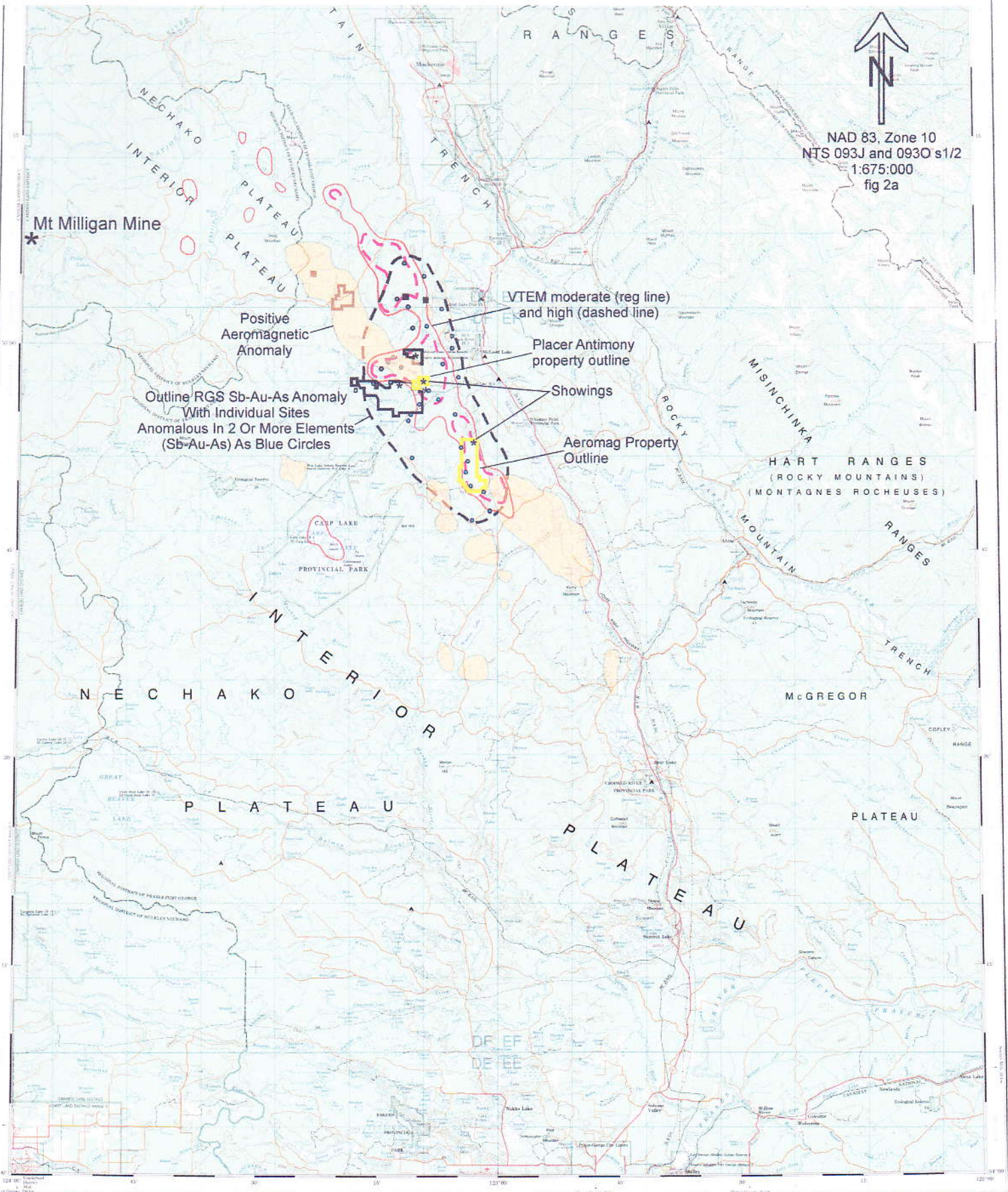
Date Drawn: December 11th, 2014

Drawn By: Jarret Krefit

Fig 1







NAD 83, Zone 10
 NTS 093J and 093O s/12
 1:675:000
 fig 2a

Mt Milligan Mine *

Positive
 Aeromagnetic
 Anomaly

Outline RGS Sb-Au-As Anomaly
 With Individual Sites
 Anomalous In 2 Or More Elements
 (Sb-Au-As) As Blue Circles

VTEM moderate (reg line)
 and high (dashed line)

Placer Antimony
 property outline

Showings

Aeromag Property
 Outline

MISINCHINKA
 HART RANGES
 (ROCKY MOUNTAINS)
 (MONTAGNES ROCHEUSES)
 MOUNTAIN RANGES
 TRENCH
 MCGREGOR
 PLATEAU

MCLEOD LAKE
 BRITISH COLUMBIA COLOMBIE-BRITANNIQUE



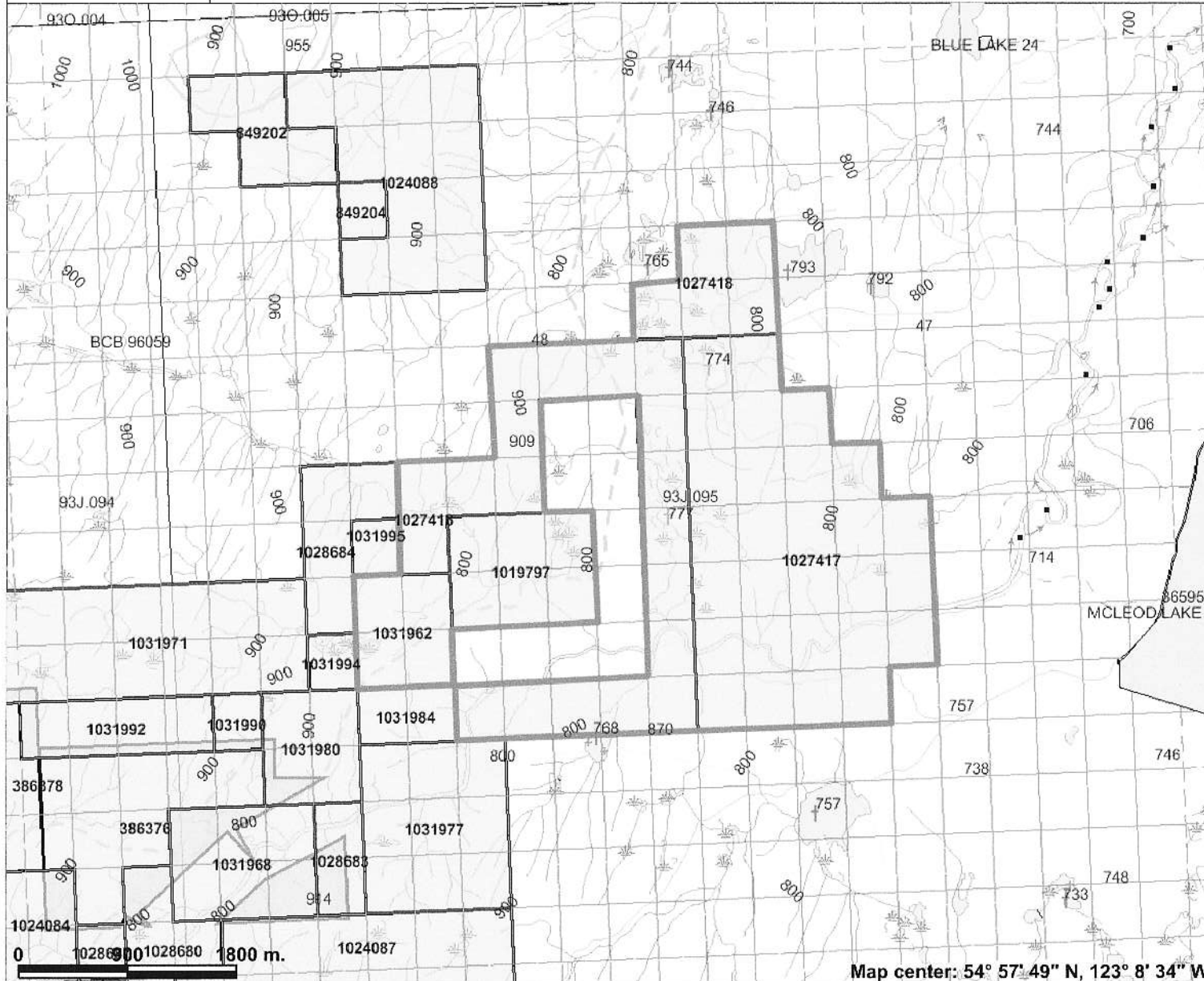
932 Edition 3 UTM Zone 10



CONVERSION SCALE FOR ELEVATIONS		ECHELLE DE CONVERSION DES ALTITUDES	
Meters	Feet	Meters	Feet
100	328	100	328
200	656	200	656
300	984	300	984
400	1312	400	1312
500	1640	500	1640
600	1968	600	1968
700	2296	700	2296
800	2624	800	2624
900	2952	900	2952
1000	3280	1000	3280

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Placer Antimony Claim Map



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)

Map center: 54° 57' 49" N, 123° 8' 34" W

Scale: 1:50,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

and felsic intrusive bodies. Several exploration models were thought possible including detachment model precious metal targets, alkaline Cu-Au porphyry and shear hosted gold. Further work was recommended but does not appear to have been completed.

AR 30611 – In 2008 Jedediah Resource Corp conducted soil sampling and prospecting just to the north and northeast of the Des Creek showings. Geology was found to consist of Takla Group sediments and lesser volcanics cut by buff felsic porphyry dykes. Several areas of silicified and carbonatized volcanics or ultramafics were located, with grab samples of rusty altered mafics (as cobbles in till?) located approximately 1.5km NE of the Des Creek showings returning up 0.563 ppm Au along with low but anomalous Pb and As. These anomalous samples are located within the core of a prominent NNW trending VTEM anomaly at the southern tip of a strong positive NW trending linear aeromagnetic anomaly. Potential target types were thought to include: gold in veins and silicified zones in sedimentary rocks, gold in stockworks in graphitic sediments (sediment hosted gold) and altered mafic dykes or sills with gold and PGM potential.

AR 32274 – In 2010 Don Bragg conducted exploration to follow up anomalies defined by Jedediah Resource Corp in 2008. Results of up to 2977 ppb Au along with anomalous Ag-As-Pb-Cu-Sb were returned from samples of grey-white heavily silicified argillite or quartz till found in the area of the 2008 gold in rock anomalies. A second area of interest consisting of silicified and pyritic graphitic phyllite bedrock, analyses of which returned up to 467 ppb Au along with anomalous Ag-As-Hg, was encountered approximately 3.7 kilometres to the NNW of the Des Creek showings. Given that 2010 work proved that the highly anomalous rock samples from 2008 were glacially transported, recommendations were to prospect for their source in a SSW direction.

AR 24511 – In 1995-96 Linda Dandy took 7 rock samples and 10 soil samples from 2 showings located just before the Des Creek bridge and which subsequently became the focus of the 2014 Kreft program. Geology consists of Takla Group volcanics and Slide Mountain Terrane argillite (Takla Group is also known to contain a significant argillite component) at the SE end of a large NW trending pyroxenite dyke or sill. In the vicinity of the showings are several narrow feldspar porphyry dykes possibly related to the pyroxenite body. Argillite at the showings varies from rusty and weakly quartz stockworked to completely silicified and sulphidized sections with epithermal style banded quartz veins mineralized with stibnite and arsenopyrite. Two main areas were explored. In the logging road ditch just before the Des Creek bridge rock sampling returned up to 5230 ppb Au, 2940 ppm As and 76 ppm Sb from a sample of a banded chalcidonic quartz vein, with soil samples in the immediate area returning up to 178 ppb Au, 354 ppm As and 40 ppm Sb. Samples from a second zone located approximately 100 metres to the ENE and 50 metres north of the road returned up to 4110 ppb Au, 23.2 ppm Ag, 2280 ppm As and >10,000 ppb Sb from a sample of silicified and pyritic breccia with quartz stringers. Soil sampling at this site returned up to 334 ppb Au, 326 ppm As and 58 pm Sb. A ground based magnetometer survey was completed but readings were generally flat which was attributed to thick overburden and till masking response.

AR 25622 – In 1997 Dandy followed up 1995-96 results with exploration work yielding 2 rock samples and 36 B-horizon soil samples from a grid centred over the mineralized outcrop 50 metres north of the road. This work defined two sub-parallel 400 metre long N-S trending Au-As soil anomalies, with up to 160 ppb Au and 320 ppm As, open along strike in both directions. Rock sampling failed to return any anomalous results. More soil sampling and VLF-EM surveying was recommended to further trace the anomalous zones.

AR 26315 – During 2000 Perry Grunenberg conducted exploration designed to follow up previous work by Dandy. A total of 6 rock samples were taken including a 2.0m chip sample across the outcrop 50 metres north of the road which returned 3940 ppb Au, 14.0 ppm Ag, 4100 ppm Sb and 2130 ppm As and 3 chip samples with an aggregate length of 16.5 metres across a feldspar porphyry dyke located adjacent to the road which returned background gold and weakly anomalous Mo to 9 ppm. This dyke was thought to have a genetic relationship to the epithermal veining, silicification and mineralization seen within the argillites on the property. All rock samples were analyzed for platinum group metals with no anomalous values returned. Recommendations were for further soil and rock sampling along with mapping and a VLF-EM survey.

Regional Geochemistry – A summary of RGS silt sample data shows that the Placer Sb property is roughly centred within a 36 kilometre long by 13.5 kilometre wide NNW trending antimony (generally 70th to 98th percentile) and lesser gold (generally 70th to 95th percentile) anomaly. Found within the core of this Sb-Au anomaly is an 8 kilometre x 10 kilometre area with arsenic generally in the 70th to 95th percentile range. This anomaly is oblique to the NW trending mafic/ultramafic dyke, the presence of which is known from various property scale mapping efforts and inferred from aeromagnetic surveying. Given that the silt anomaly occurs with anomalous copper and molybdenum, which is a signature often associated with felsic intrusive bodies and feldspar porphyry dykes, and is not associated with Ni-Cr which would be expected if it was associated with the mafic/ultramafic dyke, it is inferred that the mineralization is associated with the felsic intrusive bodies and feldspar porphyry dykes.

Government sponsored RGS lake sediment (160 samples) and till (781 samples) sampling data is available for a broad area including the Placer Sb property. Anomalous sample sites for both sample mediums have a geochemical signature and aerial extent similar to the previously discussed RGS silt sample anomaly. Moderate to highly anomalous values of up to 10 ppb Au, 73.1 ppm As and 3.2 ppm Sb in lake sediments, and up to 47 ppb Au, 47.9 ppm As and 7.1 ppm Sb in till, suggests good exploration potential in the area.

Geophysics – The government sponsored Quest Geophysical Survey (Geoscience BC Report 2009-15) provides regional scale (lines spaced 4.0 kilometres apart) aeromagnetic and VTEM coverage for the Placer Sb project and surrounding area. Results show a 60 kilometre long northwest trending positive magnetic anomaly cut by a prominent NNW trending 40 kilometre long and up to 9.5 kilometre wide VTEM anomaly. The previously discussed regional scale Au-Sb +/- As RGS anomaly correlates well with the VTEM anomaly, with the known mineralized showings closely associated with the various cores of the VTEM anomaly in proximity to aeromagnetic highs. The VTEM anomaly may represent pyritic and graphitic argillite/phyllite or a major structure with the aeromagnetic anomaly likely representing mafic to ultramafic dykes and bodies, or possibly the Paleogene intrusive, reported in the area.

Geology And Mineralization – Late Triassic aged Quesnel Terrane Takla Group sediments (argillite) and lesser volcanics are the dominant rock types in the area. Cutting the Takla Group are NW trending gabbroic to pyroxenite dykes (Slide Mt Terrane or possibly feeders to the Takla Group volcanics) as well as a suite of syenite to quartz porphyry dykes possibly related to the mafic dykes, with both suites of dykes having caused silicification and occasionally carbonatization in adjacent rocks. Felsic intrusive bodies which are weakly anomalous in gold have also been reported. Triassic-Jurassic and Paleogene intrusive bodies have been identified 12 kilometres to the west and northwest respectively, with the Paleogene body associated with a number of molybdenum, copper and tungsten showings (Aspen, Koots, Royer, Nite, Jack). Intrusive activity is certainly more widespread than government mapping suggests. Based on



NAD 83, Zone 10
1:318,000
Mag and Geochem on VTEM
Fig 4

Mackenzie

Showings

Kreft Claims in Grey
Competitor in Black

Redwood Lake

RGS Geochemistry
Sb-Au-As Individual Sites
anomalous in 2 or more
Elements as blue circles

Aeromagnetic Highs
Grey Shading

Parship

Carp Lake

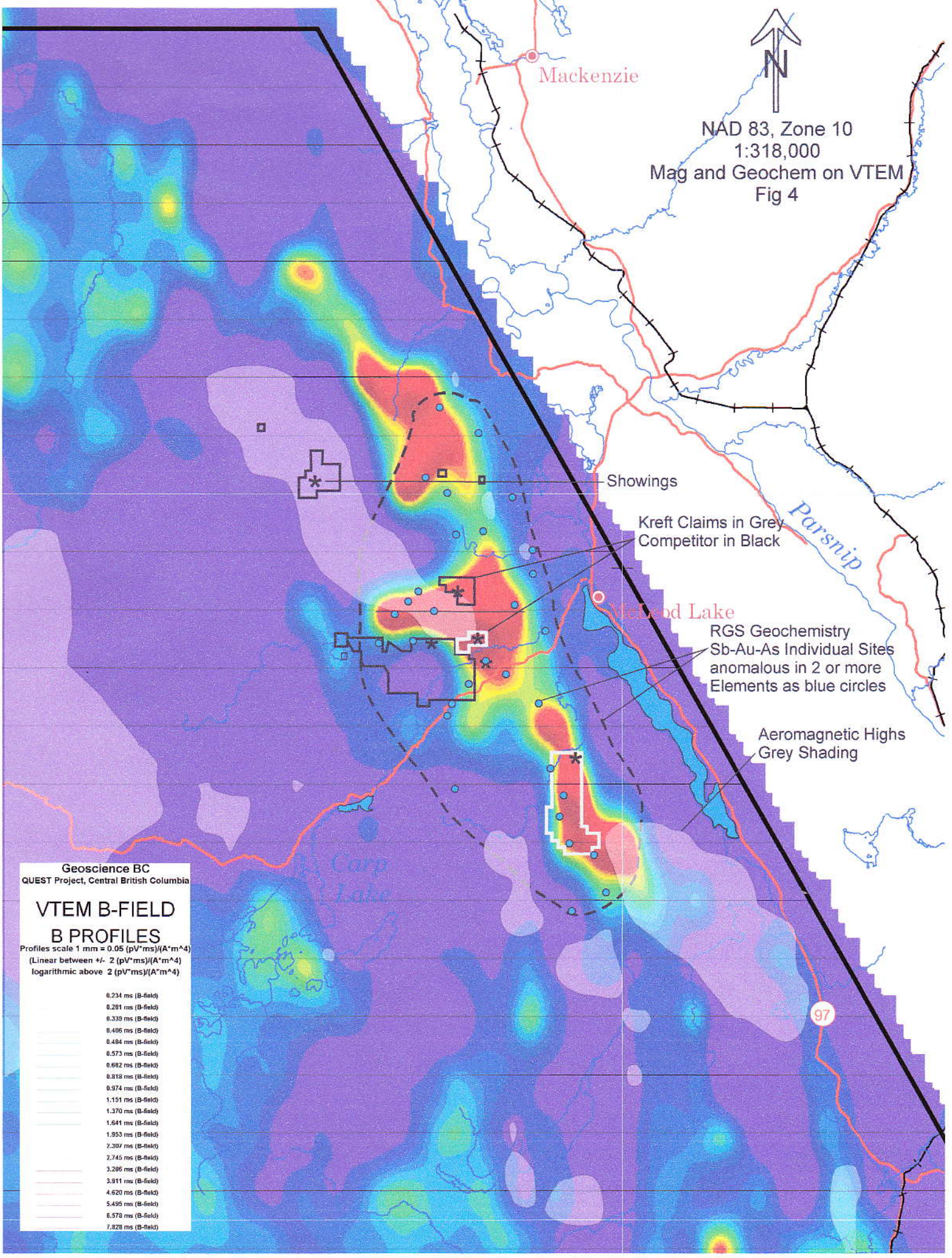
97

Geoscience BC
QUEST Project, Central British Columbia

VTEM B-FIELD B PROFILES

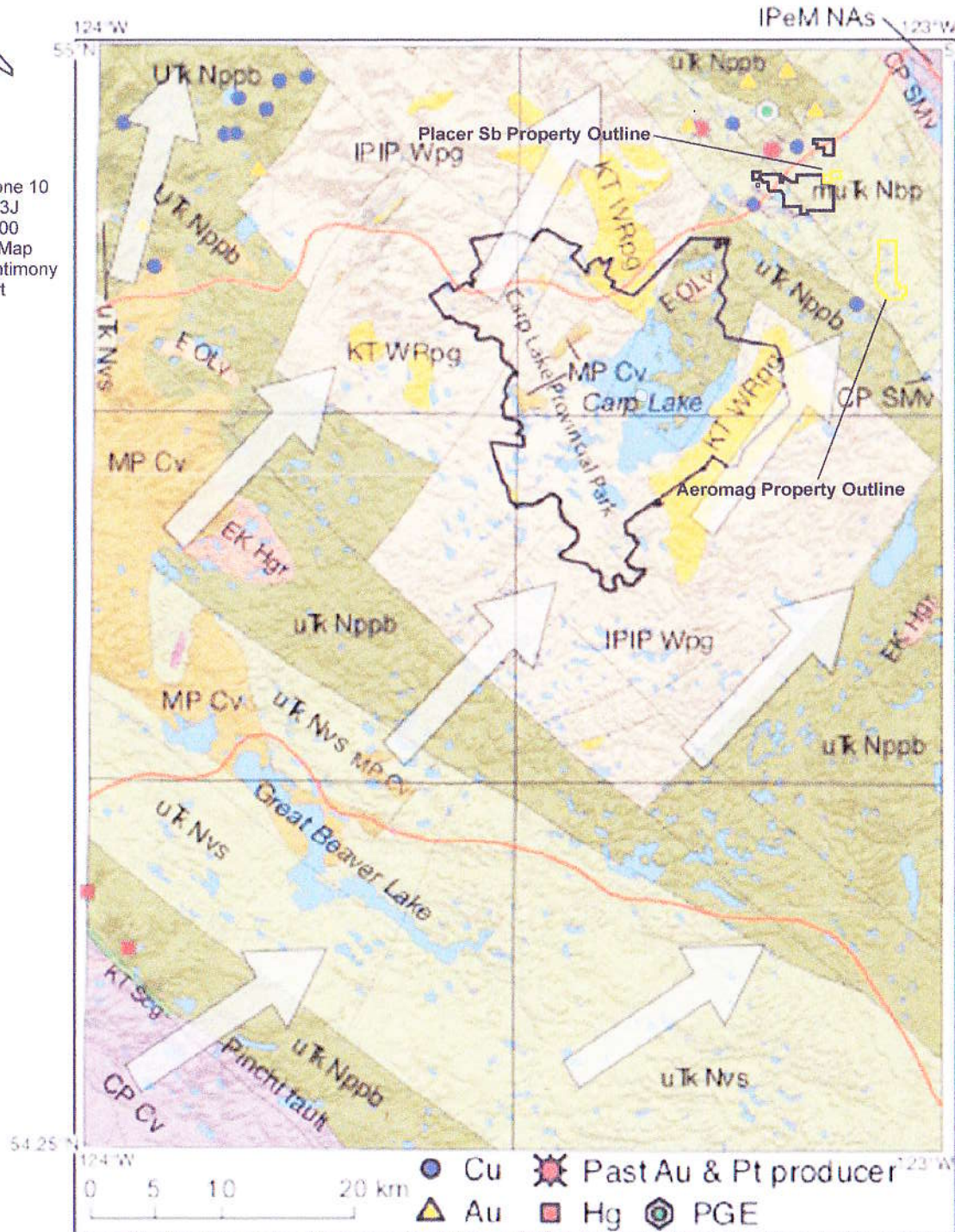
Profiles scale 1 mm = 0.05 (pV²ms)/(A²m⁴)
(Linear between +/- 2 (pV²ms)/(A²m⁴)
logarithmic above 2 (pV²ms)/(A²m⁴))

- 0.234 ms (B-field)
- 0.281 ms (B-field)
- 0.339 ms (B-field)
- 0.406 ms (B-field)
- 0.484 ms (B-field)
- 0.573 ms (B-field)
- 0.682 ms (B-field)
- 0.819 ms (B-field)
- 0.974 ms (B-field)
- 1.151 ms (B-field)
- 1.370 ms (B-field)
- 1.641 ms (B-field)
- 1.953 ms (B-field)
- 2.307 ms (B-field)
- 2.745 ms (B-field)
- 3.286 ms (B-field)
- 3.911 ms (B-field)
- 4.620 ms (B-field)
- 5.495 ms (B-field)
- 6.570 ms (B-field)
- 7.828 ms (B-field)





NAD 83, Zone 10
NTS 093J
1:606,100
Geology Map
for Placer Antimony
Report



Overlap assemblage

- MP Cv** Chicotin Group Basalt
- KT WRpg** Wolverine Range plutonic suite Granite, pegmatite
- E OLV** Ootsa Lake Group Volcanic flows, tuffs, breccias
- KT Scg** Sifton Formation Conglomerate, sandstone, shale

Rocky Mountain assemblage

- IPeM NAs** Tapioca sandstone Quartzite, sandy limestone

Quesnel terrane

- EK Hgr** Hogem batholith Granite
- uTk Nppb** Witch Lake succession Basalt, breccia
- uTk Nvs** Cottonwood River succession Volcanic sandstone, siltstone, breccia
- muTk Npb** Slate Creek succession Phyllite, slate, siltstone, quartzite

Slide Mountain terrane

- CP SMv** Antler Formation Basalt, breccia, gabbro, diorite, chert

Cache Creek terrane

- CP Cv** Pope succession Limestone, limy mudstone, chert

Kootenay terrane

- IPIP Wpg** Wolverine metamorphic complex Schist, paragneiss, amphibolite

- - - Fault
- Road
- ↗ Dominant ice-flow direction

- Cu
- ▲ Au
- Hg
- ⊙ PGE
- ☼ Past Au & Pt producer

mapping and aeromagnetic data, Placer Sb is located in a structurally complex area dominated by NW trending faults cut by later N and NE trending faults. Vein orientations on the property vary from 160° to 190° which is similar to structural trends existing in the area. The Placer Sb showings consist of silicified and pyritic graphitic argillite with banded chalcedonic (epithermal) veining grab samples of which have returned up to 6996 ppb Au, 11.0 ppm Ag, >10000 ppm Sb and 4771 ppm As.

Current Work And Results – Exploration work at the Placer Antimony Project was conducted during the period of May 19-21 2014, and yielded 27 rock samples, 8 soil samples and 29 till samples. Till samples were taken from un-oxidized till and generally at a depth of 85-100 centimetres using hand held augers. Soil samples were taken from the C-horizon in areas where till coverage was very thin or nonexistent (ie steep slopes or road cuts/banks). Soil sampling conditions were good while till samples were occasionally hindered by the presence of thick mud or frost. Rock samples were taken from exposed outcrops with heavily silicified material proving somewhat difficult to sample due to its hardness. Sample sites were marked in the field using flagging inscribed with the sample code, with soil and till samples placed in industry standard soil sample envelopes and rock samples placed into standard 8.5x11 poly rock sample bags. All samples were analyzed by ACME, with soils and tills prepped using SS80 (100g to -80 mesh), rocks prepped using PRP7-250 (pulverize and 250g split) and analyses completed using their AQ201 (36 element aqua regia ICP-MS) package. All rock samples that returned greater than 0.5 g/t were subjected to their FA430 (30g fire assay with AAS finish) method.

Work was concentrated in 3 areas: Placer Antimony North, Des Creek Pit and Des Creek Bridge.

Exploration at Placer Antimony North yielded 18 till samples and 4 rock samples (see map for location details) as a follow up to a government till sample site (Geoscience BC report 2013-15) with highly anomalous values of 47 repeat 11.3 ppb Au, 47.9 ppm As and 7.1 ppm Sb. Rock samples consisting of angular till at the presumed location of the government till sample site were not anomalous in any elements while a till sample located 200 metres to the west returned 18.5 ppb Au, 161.1 ppm As and 15.6 ppm Sb.

Work at Des Creek Pit yielded 16 rock, 11 till and 2 soil samples (see map for location details) designed to follow up work by Grunenberg and Dandy which located a showing consisting of silicified and sulphidized argillite with banded epithermal veining samples of which yielded up to 4110 ppb Au, 23.2 ppm Ag, 2280 ppm As and >10,000 ppm Sb. Highlights of 2014 work include a 1.0m channel sample of silicified and pyritic argillite yielding 6996.3 ppb Au, 9.5 ppm Ag, 4771.3 ppm As, and >2000 ppm Sb. A till sample taken approximately 25m down-ice from this showing returned 26.3 ppb Au and 42.8 ppm As while a till sample taken approximately 175 metres to the WNW returned 63.9 ppb Au and 28.1 ppm As. Vein strikes vary from 160 to 190 with generally steep dips.

Work at Des Creek Bridge yielded 6 soil samples and 6 rock samples (see map for location details) designed to follow up work by Grunenberg and Dandy which located a banded and chalcedonic quartz vein, samples of which returned 5230 ppb Au, 2940 ppm As and 76 ppm Sb. None of the 2014 rock samples were anomalous while soil samples yielded up to 340.8 ppb Au, 1102.5 ppm As, 34.6 ppm Sb and 116.2 ppm Pb. It should be noted that the highest soil sample was taken adjacent to a quartz py dyke located approximately 50 metres east of the rock samples. Vein strikes vary from 160 to 190 with generally steep dips, similar to the Des Creek Pit area.

Conclusions – The Placer Antimony project is a road accessible sediment hosted gold target associated with either late Triassic to early Jurassic or Paleogene intrusive activity, both of which are significant metallogenic epochs in British Columbia. A synthesis of exploration data shows that the Placer Antimony Au-Sb-As showings and similar area targets are found within a 36 kilometre long by 13.5 kilometre wide NNW trending antimony (generally 70th to 98th percentile) and lesser gold (70th to 95th percentile) arsenic (70th to 95th percentile) RGS silt, till and lake sediment anomaly coincident with a VTEM anomaly of similar size and shape, cutting obliquely through a 60 kilometre long NW trending positive aeromagnetic anomaly. Sampling at the main showing has returned rock sample values of up to 6996.3 ppb Au, 9.5 ppm Ag, 4771.3 ppm As, and >2000 ppm Sb and soil sample values of up to 340.8 ppb Au, 1102.5 ppm As, 34.6 ppm Sb and 116.2 ppm Pb. The masking effects of glacial till and a complete lack of drilling and only minimal trenching suggest excellent exploration upside remains, with further work highly recommended to define this potential.

Recommendations – Further work is recommended. First phase should consist of trenching and rock sampling at the Des Creek Showings in an effort to penetrate through till cover in the immediate vicinity of the showings to allow for an assessment of whether bedrock gold values occur over sufficient width to be considered potentially economic. A limited amount of prospecting and deep till sampling should be conducted around the various cores of the main VTEM anomaly within, or adjacent to, areas of moderate to high positive magnetic response, as well as around the Au-As-Sb till anomaly at Placer Sb North. Pending positive results from first phase, 2nd phase should consist of a 400 metre line spaced aero-mag and VTEM survey over the entire RGS anomaly (approx. 1150 line kilometres) with follow up of the airborne survey to consist of deep till sampling, prospecting and IP geophysics, with grid based percussion drilling of the anomalies generated.

6093000

492000

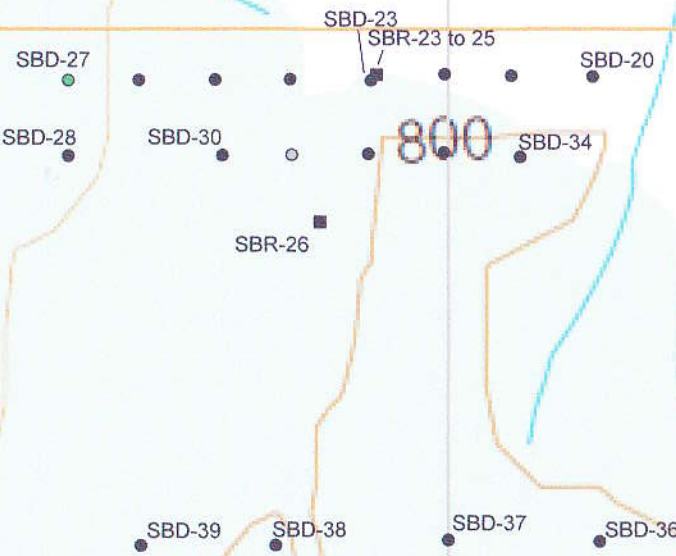


093J095
NAD 83, Zone 10
1:5,000

800

800

800



Placer Antimony North Sample Map

- = Soil sample
- = 0 to 10.9 ppb Au
- = 11 to 17.9 ppb Au
- = 18 to 25.9 ppb Au
- = 26 to 49.9 ppb Au
- = +50 ppb Au
- = Rock sample
- = 0 to 149 ppb Au
- = +150 ppb Au

0m 50m 100m 150m 200m
Scale 1:5,000 or 1cm = 50m fig 6

6093000

492000



093J095
NAD 83, Zone 10
1:5,000

800

7.6, 4.4, 11.8

800

800

18.5 6.3 8.2 8.5 4.6 4.5 7.1 3.6

5.6 4.8 14 4.1 5.6 1.6

< 0.5

2.8 4.8 2.8 3.2

Placer Antimony North Au Map

- = Soil sample
- = 0 to 10.9 ppb Au
- = 11 to 17.9 ppb Au
- = 18 to 25.9 ppb Au
- = 26 to 49.9 ppb Au
- = +50 ppb Au
- = Rock sample
- = 0 to 149 ppb Au
- = +150 ppb Au

0m 50m 100m 150m 200m
Scale 1:5,000 or 1cm = 50m fig 7

6093000

492000



093J095
NAD 83, Zone 10
1:5,000

800

13,17,3,1,8

161.1 17.7 24.9 19.3 33.8 9.3 22.3 14.4
14.3 38 31.5 13.1 10.1 5.4

800

1.2

7.8

12.2

8.3

14.3

800

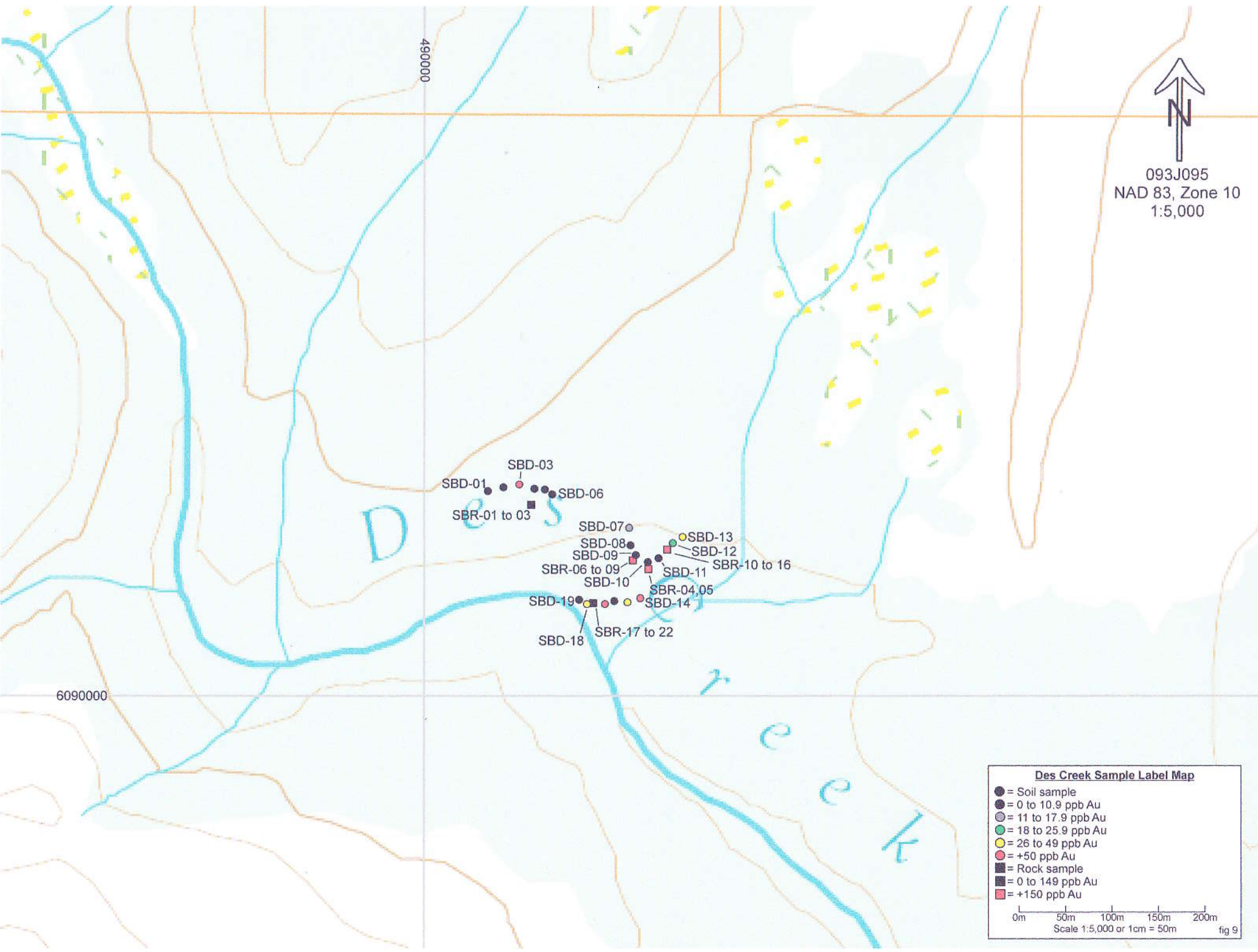
Placer Antimony North As Map

- = Soil sample
- = 0 to 33.9 ppm As
- = 34 to 64.9 ppm As
- = 65 to 99 ppm As
- = 100 to 199.9 ppm As
- = +200 ppm As
- = Rock sample
- = 125 to 399 ppm As
- = +400 ppm As

0m 50m 100m 150m 200m
Scale 1:5,000 or 1cm = 50m

fig 8

093J095
NAD 83, Zone 10
1:5,000

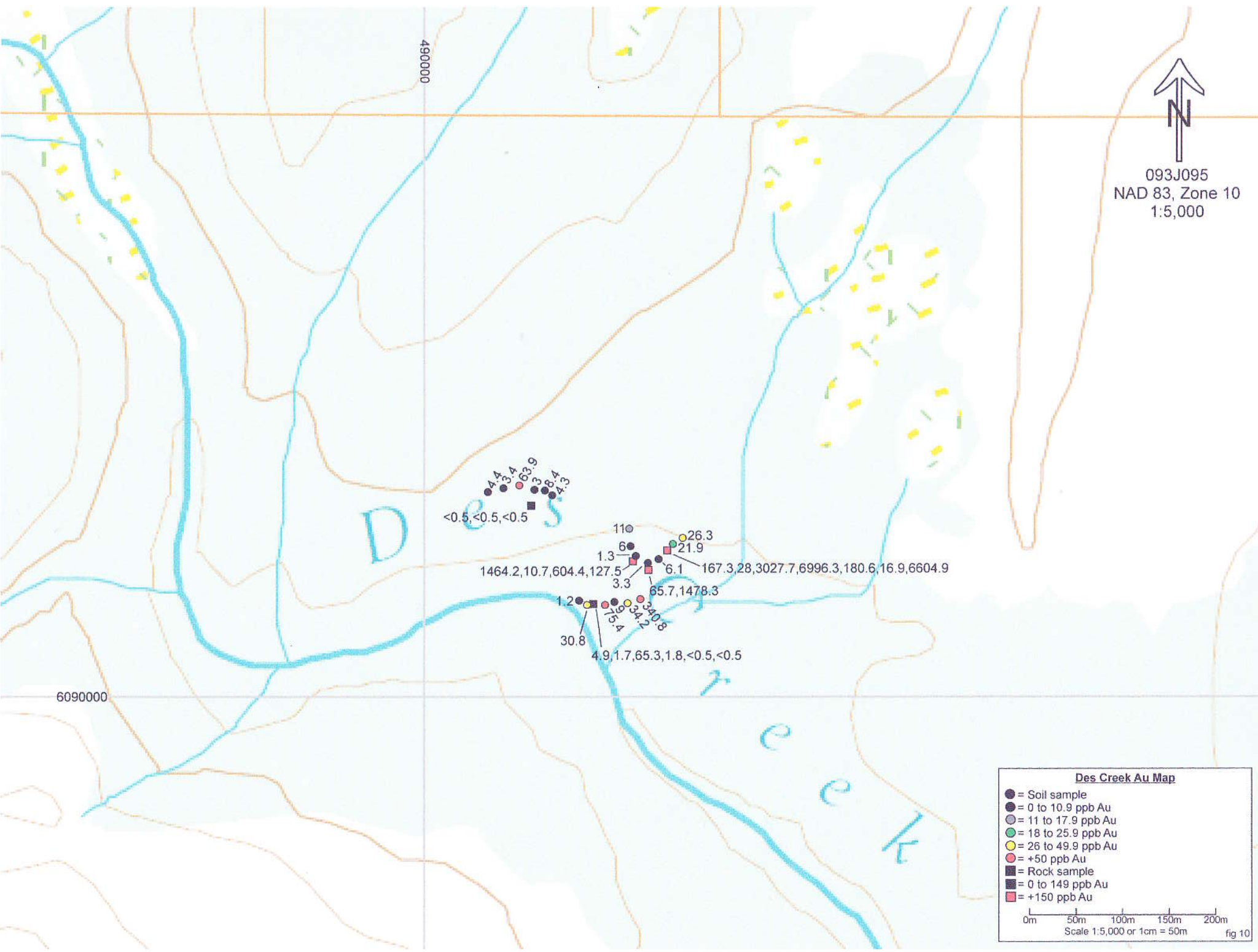


Des Creek Sample Label Map

- = Soil sample
- = 0 to 10.9 ppb Au
- = 11 to 17.9 ppb Au
- = 18 to 25.9 ppb Au
- = 26 to 49 ppb Au
- = +50 ppb Au
- = Rock sample
- = 0 to 149 ppb Au
- = +150 ppb Au

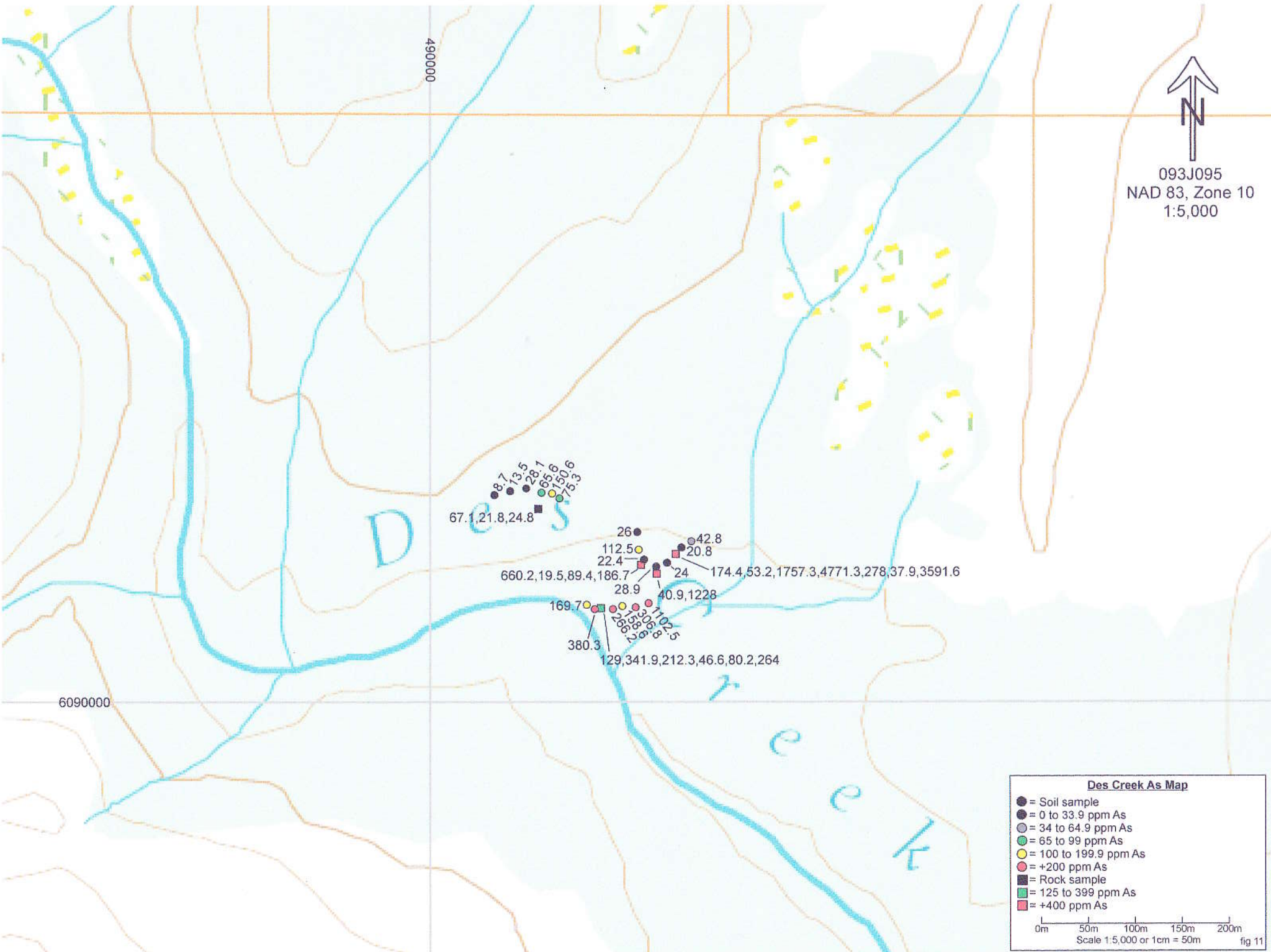
0m 50m 100m 150m 200m
Scale 1:5,000 or 1cm = 50m fig 9

093J095
 NAD 83, Zone 10
 1:5,000



4.4, 3.4, 63.9, 3.3, 8.4, 4.3
 <0.5, <0.5, <0.5
 11, 26.3, 21.9
 1464.2, 10.7, 604.4, 127.5, 1.3, 6, 6.1, 167.3, 28.3, 027.7, 6996.3, 180.6, 16.9, 6604.9
 3.3, 65.7, 1478.3
 1.2, 30.8, 75.4, 34.2, 340.8
 4.9, 1.7, 65.3, 1.8, <0.5, <0.5

093J095
 NAD 83, Zone 10
 1:5,000



490000

6090000

8.7, 13.5, 28.1, 65.6, 150.6, 75.3
 67.1, 21.8, 24.8
 26, 42.8, 20.8
 112.5, 22.4, 24, 174.4, 53.2, 1757.3, 4771.3, 278, 37.9, 3591.6
 660.2, 19.5, 89.4, 186.7, 28.9, 40.9, 1228
 169.7, 380.3, 1102.5
 129, 341.9, 212.3, 46.6, 80.2, 264

Des Creek As Map

- = Soil sample
- = 0 to 33.9 ppm As
- = 34 to 64.9 ppm As
- = 65 to 99 ppm As
- = 100 to 199.9 ppm As
- = +200 ppm As
- = Rock sample
- = 125 to 399 ppm As
- = +400 ppm As

0m 50m 100m 150m 200m
 Scale 1:5,000 or 1cm = 50m fig 11

<u>Sample</u>	<u>Type</u>	<u>Easting</u>	<u>Northing</u>	<u>Description</u>	<u>Au</u>	<u>Ag</u>	<u>As</u>	<u>Sb</u>	<u>Pb</u>
SBR-01	Rock	490115	6090205	siliceous zone in arg cut by stkwk qv's with minor vugs	<0.5	<0.1	67.1	1.5	4.2
SBR-02	Rock	490115	6090205	limonitic qtz vein grab in above	<0.5	<0.1	21.8	1.5	6.1
SBR-03	Rock	490115	6090205	25-30 chips toonie size over 8m width of stkwkd arg	<0.5	0.4	24.8	2.4	10
SBR-04	Rock	490241	6090137	60cm chip samp clayey sheared ?rock lim with minor QV material	65.7	0.4	40.9	7.4	0.6
SBR-05	Rock	490241	6090137	4cm wide QV lim with minor vugs, trace py along vein margin	1478.3	1.4	1228	42.7	0.8
SBR-06	Rock	490233	6090156	20x30cm angular cobble lim and py frac qtz vein with rare vuggy cavities	1464.2	11	660.2	293.9	4.6
SBR-07	Rock	490233	6090156	at above area 20cm x 30cm cobble of lim qv with no obvious sulphides	10.7	<0.1	19.5	1.3	0.2
SBR-08	Rock	490233	6090156	Variation of SBR-06 but less sulphides	604.4	3.7	89.4	6.1	2
SBR-09	Rock	490233	6090156	Silicified weakly py conglomerate	127.5	0.3	186.7	3.7	1.8
SBR-10	Rock	490259	6090145	1.5m chip arg cut by vuggy 1cm or less qv's trend 160/340 patchy silic tr py-aspy	167.3	1	174.4	18.7	3.7
SBR-11	Rock	490259	6090145	30cm chip weakly brx arg silic and cut by stkwk qv's, 1% py	28	1.3	53.2	7.5	6.9
SBR-12	Rock	490259	6090145	30cm channel pyritic silic and brx arg unit 5% py	3027.7	3.1	1757.3	33.8	1.9
SBR-13	Rock	490255	6090147	1.0m channel completely silic arg with several vuggy qv's 5% py-as-sb	6996.3	9.5	4771.3	>2000	1.2
SBR-14	Rock	490255	6090147	arg unit rare hairline qv's minor silic tr diss py similar to SBR-10	180.6	0.6	278	27.9	6
SBR-15	Rock	490255	6090147	1.6m chip silic arg similar SBR-11	16.9	0.7	37.9	33.7	7.3
SBR-16	Rock	490255	6090147	Lim and vuggy silic arg with Py-As-Sb	6604.9	10.3	3591.6	>2000	0.9
SBR-17	Rock	490182	6090100	9cm wide samp over 3cm wide qv trace py 175/355 trend	4.9	0.2	129	17.7	1.2
SBR-18	Rock	490182	6090100	15cm w-rock from both sides of a 1cm wide qv qtz-py vein coarse cubic py in wrock	1.7	0.2	341.9	2.8	2.8
SBR-19	Rock	490182	6090100	30cm chip of 2x1cm wide qv's, w-rock is fe-carb alt and contains tr diss py 10/190 trend	65.3	0.1	212.3	27	2.4
SBR-20	Rock	490182	6090100	30cm qv chip a tiny bit of wrock from each side trace qv also some fuchsite	1.8	<0.1	46.6	1.3	3
SBR-21	Rock	490182	6090100	18cm wide chip samp across 6cm qv trace diss in qv	<0.5	<0.1	80.2	1	4.4
SBR-22	Rock	490182	6090100	10m wide rough chip across entire outcrop hosting sampS SBR 17-21	<0.5	<0.1	264	3.7	2.3
SBR-23	Rock	491954	6092929	cobble in till Weakly lim qtz vn with trace diss py 0.4mx0.5mx0.5m	7.6	<0.1	13	1.4	0.4
SBR-24	Rock	491954	6092929	cobble in till mod silic 1mx0.5mx0.5m arg with mod stkwk qtz vns	4.4	1.2	17.3	3.8	2.9
SBR-25	Rock	491954	6092929	cobble in till white qtz vein 0.3mx0.3mx0.3m	11.8	0.2	1.8	4.8	0.2
SBR-26	Rock	491915	6092830	crumbly/weathered arg py to 5% cobble is sub-rounded but probably didn't travel far	<0.5	0.2	1.2	0.3	4.4
SBR-27	Rock	498850	6103529	Outcrop beside highway slicified py rock	1.5	<0.1	2.3	0.3	1.3
SBD-01	Soil	490068	6090221	Muddy dark grey till	4.4	0.1	8.7	1.5	6.3
SBD-02	Soil	490085	6090224	Muddy frozen till	3.4	0.2	13.5	1.5	6
SBD-03	Soil	490102	6090228	Brown muddy till, could be "B" , frozen	63.9	0.4	28.1	1.5	7.7
SBD-04	Soil	490118	6090223	Muddy till	3	0.3	65.6	1.8	6
SBD-05	Soil	490131	6090221	Orange/brown till slightly muddy	8.4	0.4	150.6	2	6
SBD-06	Soil	490137	6090217	Rusty, fluvial	4.3	0.3	75.3	4.1	6.3
SBD-07	Soil	490220	6090181	Dark brown till maybe fluvial	11	0.3	26	1.9	19.2
SBD-08	Soil	490227	6090162	Rusty, small round frags/some angular frags	6	0.7	112.5	6.3	10.9
SBD-09	Soil	490239	6090157	Dark brown till with rusty spots	1.3	0.3	22.4	4.3	10.8
SBD-10	Soil	490240	6090144	Rusty, small round frags/some angular frags	3.3	0.2	28.9	3.9	10.6
SBD-11	Soil	490250	6090146	Dark brown till	6.1	0.3	24	3.1	9.2
SBD-12	Soil	490272	6090167	Till	21.9	0.5	20.8	2.3	9.8
SBD-13	Soil	490276	6090171	Brown till	26.3	0.8	42.8	5.4	14.7
SBD-14	Soil	490233	6090105	Talus fines	340.8	0.5	1102.5	34.6	116.2
SBD-15	Soil	490222	6090101	Talus fines	34.2	1.6	306.8	40.5	49.7

<u>Sample</u>	<u>Type</u>	<u>Easting</u>	<u>Northing</u>	<u>Description</u>	<u>Au</u>	<u>Ag</u>	<u>As</u>	<u>Sb</u>	<u>Pb</u>
SBD-16	Soil	490200	6090103	Talus fines	9	1.4	158.6	29.9	35.2
SBD-17	Soil	490195	6090100	Talus fines	75.4	2.4	266.2	9.8	36.1
SBD-18	Soil	490177	6090100	Talus fines	30.8	0.6	380.3	15.2	11.5
SBD-19	Soil	490175	6090101	Talus fines	1.2	1.8	169.7	11.5	23.6
SBD-20	Soil	492099	6092925	Wet brown till	3.6	0.1	14.4	1.6	8.3
SBD-21	Soil	492044	6092925	Dark grey till	7.1	0.2	22.3	2.5	10.5
SBD-22	Soil	492000	6092924	Brown, till with black rounded schist	4.5	0.3	9.3	1.2	6
SBD-23	Soil	491951	6092925	Dark brown till	4.6	0.5	33.8	3.1	14.8
SBD-24	Soil	491909	6092926	9m back from samp site due to swamp	8.5	0.2	19.3	3	9.1
SBD-25	Soil	491850	6092926	Dark grey till frozen	8.2	<0.1	24.9	3.5	15.2
SBD-26	Soil	491799	6092924	Brown till	6.3	0.2	17.7	2.4	8.9
SBD-27	Soil	491748	6092925	Black rocky soil	18.5	0.7	161.1	15.6	32.5
SBD-28	Soil	491750	6092825	Light brown till	5.6	0.2	14.3	1.4	8
SBD-29	Soil	N/A	N/A	No samp taken swamp area	N/A	N/A	N/A	N/A	N/A
SBD-30	Soil	491856	6092824	swampy area, mud dark brown, some angular pieces, poor gps reception	4.8	0.3	38	2.9	18.3
SBD-31	Soil	491899	6092824	Dark grey till	14	0.5	31.5	6.3	15.3
SBD-32	Soil	491950	6092826	Smal round qtz frags, light brown muddy	4.1	0.1	13.1	1.5	8.2
SBD-33	Soil	492000	6092824	Dark brown till	5.6	<0.1	10.1	1	7.8
SBD-34	Soil	492049	6092825	Dark brown, small rounded fe-carb rock in hole, till	1.6	<0.1	5.4	0.6	5.7
SBD-35	Soil	N/A	N/A	No samp taken swamp area	N/A	N/A	N/A	N/A	N/A
SBD-36	Soil	492101	6092624	Drak brown till	3.2	0.4	14.3	1.5	6.7
SBD-37	Soil	491999	6092624	Muddy brown till	2.8	<0.1	8.3	1	7.4
SBD-38	Soil	491886	6092626	Crosssed road, light brown, till	4.8	<0.1	12.2	1.7	9.5
SBD-39	Soil	491798	6092626	Muddy light brown till	2.8	0.1	7.8	0.9	5.5

Statement of Costs – Work conducted May 19th to May 21st 2014

Truck Travel (to Mackenzie from Whitehorse plus round trips from Mackenzie to site) 1100km x 0.65/km	\$715.00
Acme Analytical (37 soils, 27 rocks)	\$1,692.77
Report Writing, Mailing and Duplication	\$2,360.00
Wages Nathaniel Rodden (3 field days x \$250/day)	\$750.00
Wages Jarret Kreft (3 field days x \$250/day)	\$750.00
Wages Justin Kreft (3 field days x \$250/day)	\$750.00
Wages Bernie Kreft (3 days x \$500/day)	\$1,500.00
Food, Field Supplies, Hotel (4 x 3 days x \$100/day)	\$1,200.00
Sample Shipping Greyhound	<u>\$75.61</u>
	Sub Total \$9,793.38
	5% Management Fee <u>\$489.67</u>
	\$10,283.05

Statement Of Qualifications

We, Jarret Kreft and Justin Kreft, participated in the exploration work described herein.

We have a combined 16 years prospecting experience in the Yukon and BC.

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

This report is based on fieldwork completed during the 2014 field season.

This report is based on fieldwork completed on the Placer Antimony Project

Respectfully Submitted,


Jarret Kreft


Justin Kreft

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

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

Submitted By: **Bernie Kreft**
Receiving Lab: **Canada-Vancouver**
Received: **June 02, 2014**
Report Date: **June 10, 2014**
Page: **1 of 5**

CERTIFICATE OF ANALYSIS

VAN14001703.1

CLIENT JOB INFORMATION

Project: **None Given**
Shipment ID:
P.O. Number
Number of Samples: **107**

SAMPLE DISPOSAL

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

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

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

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	107	Dry at 60C			VAN
SS80	107	Dry at 60C sieve 100g to -80 mesh			VAN
AQ201	107	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DRPLP	107	Warehouse handling / disposition of pulps			VAN

ADDITIONAL COMMENTS



Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

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

Project: None Given
Report Date: June 10, 2014

Page: 3 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14001703.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
[REDACTED]	Soil	4.1	60.5	9.2	102	0.3	60.1	15.0	417	3.68	40.9	[REDACTED]	3.0	21	0.5	3.0	0.2	48	0.27	0.114	11
[REDACTED]	Soil	0.7	11.4	5.3	211	0.2	18.4	8.4	415	2.04	5.4	[REDACTED]	1.9	15	0.4	0.5	0.2	41	0.24	0.166	8
[REDACTED]	Soil	1.1	42.4	5.9	68	[REDACTED]	56.2	16.2	398	2.99	[REDACTED]	[REDACTED]	2.3	19	0.3	1.2	0.2	54	0.39	0.114	8
[REDACTED]	Soil	4.7	89.3	15.4	155	[REDACTED]	72.4	18.7	1032	3.83	[REDACTED]	[REDACTED]	3.4	30	1.1	2.5	0.3	40	0.43	0.084	13
[REDACTED]	Soil	5.5	78.8	11.6	144	0.6	57.2	15.9	622	3.41	21.2	[REDACTED]	3.5	22	0.8	2.9	0.2	42	0.33	0.070	13
[REDACTED]	Soil	2.4	49.3	7.9	113	0.2	46.4	11.5	337	3.17	16.6	[REDACTED]	2.8	17	0.2	1.7	0.2	48	0.24	0.085	10
[REDACTED]	Soil	2.5	51.4	8.4	113	<0.1	61.1	19.8	366	4.16	23.4	[REDACTED]	2.4	17	0.4	1.9	0.2	66	0.23	0.099	8
[REDACTED]	Soil	3.3	36.9	9.8	144	0.1	34.0	9.9	421	3.13	14.2	[REDACTED]	2.5	19	0.5	1.8	0.2	43	0.22	0.123	12
[REDACTED]	Soil	6.6	59.5	13.2	150	0.1	52.9	12.9	530	3.22	24.1	[REDACTED]	3.8	20	0.6	3.2	0.3	30	0.21	0.098	13
SBD-01	Soil	0.9	47.5	6.3	53	0.1	31.4	10.5	521	2.59	8.7	4.4	4.2	37	<0.1	1.5	0.1	56	0.55	0.097	15
SBD-02	Soil	1.0	25.1	6.0	66	0.2	25.1	9.8	392	2.23	13.5	3.4	3.6	28	0.3	1.5	0.1	47	0.45	0.075	14
SBD-03	Soil	0.8	39.3	7.7	112	0.4	43.0	14.7	521	3.11	28.1	63.9	4.8	28	0.3	1.5	0.1	54	0.42	0.071	16
SBD-04	Soil	0.8	28.6	6.0	84	0.3	36.3	12.6	341	2.76	65.6	3.0	3.5	24	0.3	1.8	0.1	54	0.44	0.065	12
SBD-05	Soil	0.9	29.0	6.0	63	0.4	34.4	10.0	288	2.66	150.6	8.4	3.3	21	0.1	2.0	0.1	52	0.37	0.081	13
SBD-06	Soil	1.6	30.7	6.3	79	0.3	43.7	13.7	318	3.11	75.3	4.3	2.9	17	0.3	4.1	0.1	59	0.27	0.100	9
SBD-07	Soil	3.7	25.7	19.2	89	0.3	59.5	13.3	411	3.64	26.0	11.0	4.2	19	0.4	1.9	0.3	51	0.23	0.049	14
SBD-08	Soil	9.5	72.4	10.9	105	0.7	33.6	15.3	377	9.60	112.5	6.0	4.0	30	1.3	6.3	0.2	80	0.22	0.129	8
SBD-09	Soil	4.9	13.5	10.8	110	0.3	17.8	8.3	355	3.03	22.4	1.3	2.1	18	0.8	4.3	0.2	65	0.25	0.048	12
SBD-10	Soil	4.2	31.5	10.6	256	0.2	37.4	14.9	558	4.11	28.9	3.3	3.2	16	1.2	3.9	0.3	72	0.29	0.088	10
SBD-11	Soil	2.4	34.6	9.2	181	0.3	41.4	16.5	682	4.12	24.0	6.1	3.5	18	0.9	3.1	0.2	68	0.27	0.086	13
SBD-12	Soil	3.2	42.7	9.8	118	0.5	49.7	11.0	305	2.75	20.8	21.9	4.7	21	0.7	2.3	0.3	47	0.28	0.117	12
SBD-13	Soil	6.6	55.0	14.7	257	0.8	52.7	11.9	336	4.02	42.8	26.3	3.9	21	1.3	5.4	0.4	55	0.26	0.186	11
SBD-14	Soil	4.9	26.6	116.2	114	0.5	20.6	15.8	492	5.83	1102.5	340.8	15.7	37	0.4	34.6	1.2	6	0.52	0.128	80
SBD-15	Soil	24.3	52.9	49.7	365	1.6	70.8	23.8	344	5.99	306.8	34.2	12.8	107	0.7	40.5	0.5	68	1.97	0.804	56
SBD-16	Soil	27.2	83.9	35.2	442	1.4	103.0	22.4	698	6.06	158.6	9.0	12.1	121	3.2	29.9	0.5	47	1.98	0.754	56
SBD-17	Soil	14.4	133.8	36.1	246	2.4	113.4	22.5	444	9.76	266.2	75.4	9.0	139	1.8	9.8	0.6	15	1.34	0.513	19
SBD-18	Soil	5.6	67.2	11.5	245	0.6	428.5	60.8	738	6.81	380.3	30.8	10.4	88	0.7	15.2	0.2	37	1.15	0.104	18
SBD-19	Soil	46.1	103.7	23.6	582	1.8	165.1	30.8	556	3.69	169.7	1.2	8.6	187	15.3	11.5	0.5	28	2.87	0.397	8
SBD-20	Soil	1.6	27.9	8.3	76	0.1	30.9	10.3	437	2.23	14.4	3.6	3.4	20	0.4	1.6	0.1	34	0.26	0.081	14
SBD-21	Soil	2.6	41.5	10.5	96	0.2	45.5	13.8	598	2.93	22.3	7.1	4.0	21	0.6	2.5	0.2	43	0.27	0.082	14

CERTIFICATE OF ANALYSIS

VAN14001703.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
[REDACTED]	Soil	42	0.55	132	0.035	1	1.28	0.006	0.05	0.1	0.06	4.6	0.1	<0.05	3	1.2	<0.2
[REDACTED]	Soil	33	0.30	203	0.037	<1	1.29	0.007	0.06	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
[REDACTED]	Soil	52	0.74	109	0.074	<1	1.63	0.007	0.07	0.2	0.05	4.1	<0.1	<0.05	4	0.8	<0.2
[REDACTED]	Soil	32	0.48	232	0.017	2	1.35	0.007	0.09	<0.1	0.18	6.8	0.2	<0.05	3	1.0	<0.2
[REDACTED]	Soil	37	0.51	132	0.036	<1	1.21	0.005	0.08	<0.1	0.12	5.9	0.2	<0.05	3	2.2	<0.2
[REDACTED]	Soil	42	0.51	128	0.047	2	1.56	0.006	0.09	0.1	0.03	2.8	<0.1	<0.05	4	1.0	<0.2
[REDACTED]	Soil	67	0.83	146	0.022	<1	2.20	0.007	0.05	<0.1	0.04	5.0	<0.1	<0.05	5	1.2	<0.2
[REDACTED]	Soil	35	0.49	141	0.018	<1	1.24	0.006	0.06	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
[REDACTED]	Soil	25	0.45	110	0.015	<1	1.12	0.008	0.07	0.1	0.07	3.1	0.1	<0.05	3	1.8	<0.2
SBD-01	Soil	43	0.57	162	0.062	1	1.29	0.018	0.07	0.2	0.07	6.0	<0.1	<0.05	4	<0.5	<0.2
SBD-02	Soil	35	0.52	144	0.055	2	1.23	0.012	0.06	0.1	0.04	4.6	<0.1	<0.05	4	<0.5	<0.2
SBD-03	Soil	47	0.54	181	0.052	1	1.86	0.011	0.07	0.1	0.07	8.8	<0.1	<0.05	5	<0.5	<0.2
SBD-04	Soil	39	0.52	159	0.045	1	1.86	0.011	0.06	0.1	0.04	5.9	<0.1	<0.05	4	<0.5	<0.2
SBD-05	Soil	37	0.52	111	0.042	2	1.76	0.010	0.05	0.1	0.05	4.6	<0.1	<0.05	4	<0.5	<0.2
SBD-06	Soil	40	0.52	130	0.044	2	1.76	0.010	0.05	0.1	0.04	3.4	<0.1	<0.05	4	<0.5	<0.2
SBD-07	Soil	45	0.48	118	0.051	1	1.58	0.008	0.09	0.1	0.03	3.4	0.1	<0.05	5	0.7	<0.2
SBD-08	Soil	64	0.50	164	0.058	<1	1.57	0.017	0.09	0.1	0.08	4.5	0.2	<0.05	5	4.1	<0.2
SBD-09	Soil	31	0.33	170	0.030	<1	1.19	0.008	0.09	0.2	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
SBD-10	Soil	46	0.72	125	0.032	1	1.61	0.008	0.12	0.1	0.01	6.0	0.2	<0.05	5	1.2	<0.2
SBD-11	Soil	47	0.77	110	0.028	2	1.73	0.007	0.07	0.1	0.03	6.0	0.1	<0.05	5	0.8	<0.2
SBD-12	Soil	39	0.47	107	0.041	<1	1.28	0.007	0.08	0.2	0.02	3.3	0.1	<0.05	3	1.0	<0.2
SBD-13	Soil	38	0.42	140	0.030	1	1.52	0.008	0.09	0.3	0.23	4.1	0.3	<0.05	5	2.3	<0.2
SBD-14	Soil	5	0.07	877	0.001	<1	0.43	0.005	0.10	0.2	0.11	4.9	0.5	<0.05	<1	1.2	<0.2
SBD-15	Soil	26	0.15	472	0.005	3	1.19	0.006	0.35	0.7	0.19	14.8	0.5	<0.05	3	2.0	<0.2
SBD-16	Soil	18	0.09	283	0.004	4	0.92	0.007	0.29	0.3	0.28	14.7	0.6	<0.05	2	4.0	<0.2
SBD-17	Soil	13	0.12	153	0.004	2	0.67	0.005	0.15	0.1	0.18	11.6	0.3	<0.05	2	7.9	<0.2
SBD-18	Soil	42	0.49	194	0.031	2	1.05	0.010	0.09	0.4	0.08	10.4	0.1	<0.05	3	4.3	<0.2
SBD-19	Soil	14	0.71	103	0.004	1	0.65	0.005	0.13	0.2	0.35	6.5	0.7	0.79	1	14.6	0.2
SBD-20	Soil	27	0.41	84	0.032	<1	0.97	0.008	0.05	<0.1	0.03	2.8	<0.1	<0.05	2	<0.5	<0.2
SBD-21	Soil	38	0.50	102	0.047	<1	1.25	0.009	0.08	<0.1	0.04	3.6	0.1	<0.05	3	1.0	<0.2

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Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
SBD-22	Soil	1.2	19.4	6.0	95	0.3	25.5	7.1	305	2.07	9.3	4.5	3.5	22	0.6	1.2	0.1	36	0.32	0.097	15
SBD-23	Soil	4.1	85.6	14.8	146	0.5	72.1	20.8	882	4.31	33.8	4.6	4.0	30	1.1	3.1	0.2	64	0.43	0.162	14
SBD-24	Soil	2.9	43.5	9.1	83	0.2	44.4	13.2	485	2.71	19.3	8.5	3.2	29	0.5	3.0	0.2	50	0.39	0.089	14
SBD-25	Soil	3.2	78.3	15.2	136	<0.1	50.6	16.0	796	3.86	24.9	8.2	5.8	30	0.6	3.5	0.2	54	0.39	0.103	19
SBD-26	Soil	2.9	34.3	8.9	138	0.2	42.0	10.5	358	2.90	17.7	6.3	4.5	27	0.5	2.4	0.2	44	0.36	0.146	18
SBD-27	Soil	22.5	126.5	32.5	307	0.7	125.1	29.7	1912	5.33	161.1	18.5	7.9	17	2.9	15.6	0.8	16	0.12	0.062	8
SBD-28	Soil	1.9	30.2	8.0	78	0.2	39.1	10.6	261	2.55	14.3	5.6	4.0	18	0.4	1.4	0.2	39	0.25	0.066	13
SBD-30	Soil	4.0	46.9	18.3	118	0.3	48.1	16.8	985	4.08	38.0	4.8	2.2	33	1.0	2.9	0.3	53	0.47	0.091	15
SBD-31	Soil	5.3	66.1	15.3	127	0.5	61.4	20.0	952	3.74	31.5	14.0	5.3	41	1.1	6.3	0.3	52	0.55	0.128	18
SBD-32	Soil	1.4	31.2	8.2	75	0.1	39.0	10.5	410	2.50	13.1	4.1	4.2	23	0.4	1.5	0.1	41	0.34	0.084	15
SBD-33	Soil	1.2	28.7	7.8	63	<0.1	39.8	10.6	372	2.52	10.1	5.6	4.7	21	0.2	1.0	0.1	40	0.28	0.081	16
SBD-34	Soil	0.9	16.6	5.7	73	<0.1	20.6	7.0	348	1.96	5.4	1.6	4.1	16	0.1	0.6	0.1	35	0.21	0.047	17
SBD-36	Soil	1.8	27.1	6.7	110	0.4	33.9	8.5	286	2.38	14.3	3.2	3.2	18	0.6	1.5	0.1	35	0.28	0.117	12
SBD-37	Soil	1.0	28.7	7.4	62	<0.1	35.8	10.4	497	2.33	8.3	2.8	4.3	17	0.2	1.0	0.1	36	0.26	0.065	15
SBD-38	Soil	1.2	42.2	9.5	72	<0.1	40.3	11.8	601	2.66	12.2	4.8	4.9	19	0.2	1.7	0.1	41	0.26	0.068	14
SBD-39	Soil	0.8	19.9	5.5	69	0.1	26.9	7.6	388	2.08	7.8	2.8	3.7	19	0.2	0.9	<0.1	37	0.29	0.108	15
SBD-40	Soil	2.5	20.7	6.9	32	<0.1	10.8	4.9	247	1.68	3.6	<0.5	2.5	32	<0.1	0.1	0.2	40	0.34	0.051	16
SBD-41	Soil	3.1	17.2	9.8	75	<0.1	13.2	10.4	489	2.51	3.6	1.1	2.3	28	0.1	0.2	0.5	60	0.33	0.045	11
SBD-42	Soil	1.7	17.8	8.9	53	<0.1	18.4	10.2	402	2.99	5.2	<0.5	3.1	30	<0.1	0.3	0.2	70	0.38	0.044	23
SBD-43	Soil	0.9	18.1	8.4	40	<0.1	19.4	9.3	442	2.70	5.5	<0.5	2.7	33	<0.1	0.3	0.2	60	0.33	0.046	13
SBD-44	Soil	2.9	21.3	8.9	50	0.1	17.5	9.4	515	2.64	5.3	<0.5	2.7	39	0.1	0.2	0.2	60	0.39	0.045	21
SBD-45	Soil	3.1	14.8	8.6	55	0.1	14.8	8.2	271	2.94	5.9	<0.5	2.4	23	0.1	0.2	0.2	65	0.26	0.036	17
SBD-46	Soil	16.4	133.5	4.7	49	0.2	21.6	10.9	352	3.44	11.4	<0.5	3.1	39	<0.1	0.3	0.4	82	0.46	0.116	12
SBD-47	Soil	3.3	28.8	14.9	51	<0.1	16.8	9.2	474	2.74	7.2	2.1	2.9	38	0.1	0.3	0.5	59	0.48	0.066	17
SBD-48	Soil	12.2	193.3	5.7	46	0.1	22.1	9.8	283	3.20	7.9	<0.5	2.8	23	<0.1	0.2	0.4	71	0.23	0.059	8
SBD-49	Soil	1.3	37.4	7.6	38	<0.1	15.9	7.0	272	2.20	4.5	4.2	2.8	29	<0.1	0.2	0.4	52	0.31	0.056	11
SBD-50	Soil	14.4	599.6	5.6	164	1.1	30.0	11.0	362	9.38	12.2	<0.5	3.6	36	0.3	0.2	2.8	208	0.54	0.252	11
SBD-51	Soil	1.9	73.3	5.4	42	0.2	17.1	8.0	211	2.45	6.2	0.5	1.7	24	<0.1	0.2	0.2	58	0.21	0.054	7
SBD-52	Soil	1.2	32.4	7.1	60	0.3	18.4	10.2	270	2.72	6.9	<0.5	2.5	14	<0.1	0.3	0.2	61	0.13	0.056	8
SBD-53	Soil	4.9	107.5	6.3	55	0.2	26.6	12.5	280	3.36	11.4	<0.5	2.1	25	0.1	0.4	0.5	70	0.20	0.056	7

CERTIFICATE OF ANALYSIS

VAN14001703.1

Method	Analyte	Unit	MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201			
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
				1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
SBD-22	Soil			28	0.43	84	0.036	<1	1.00	0.008	0.05	<0.1	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
SBD-23	Soil			63	0.65	152	0.045	1	1.58	0.012	0.10	0.1	0.04	5.6	0.2	<0.05	4	1.6	<0.2
SBD-24	Soil			53	0.55	117	0.038	1	1.25	0.010	0.06	<0.1	0.02	3.9	0.1	<0.05	4	0.8	<0.2
SBD-25	Soil			51	0.60	167	0.042	<1	1.64	0.010	0.11	0.1	0.14	9.0	0.2	<0.05	4	0.6	<0.2
SBD-26	Soil			43	0.56	107	0.030	<1	1.43	0.009	0.06	<0.1	0.02	3.4	<0.1	<0.05	4	0.9	<0.2
SBD-27	Soil			11	0.13	141	0.002	<1	0.58	0.006	0.06	<0.1	0.26	8.8	0.3	<0.05	<1	4.5	0.2
SBD-28	Soil			33	0.46	169	0.029	<1	1.33	0.007	0.05	<0.1	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
SBD-30	Soil			42	0.53	188	0.028	<1	1.29	0.009	0.07	0.1	0.04	4.8	0.2	<0.05	4	1.7	<0.2
SBD-31	Soil			46	0.57	174	0.036	1	1.34	0.011	0.11	0.1	0.13	7.4	0.3	<0.05	4	<0.5	<0.2
SBD-32	Soil			35	0.49	124	0.044	<1	1.21	0.010	0.06	0.1	0.03	3.3	<0.1	<0.05	3	<0.5	<0.2
SBD-33	Soil			34	0.55	99	0.048	<1	1.48	0.009	0.07	<0.1	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2
SBD-34	Soil			28	0.42	104	0.034	<1	1.20	0.008	0.05	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
SBD-36	Soil			31	0.47	101	0.027	1	1.18	0.007	0.05	<0.1	0.03	2.9	<0.1	<0.05	3	0.7	<0.2
SBD-37	Soil			32	0.46	104	0.041	1	1.16	0.006	0.05	<0.1	0.04	2.9	<0.1	<0.05	3	<0.5	<0.2
SBD-38	Soil			37	0.51	147	0.044	1	1.29	0.008	0.08	<0.1	0.08	4.9	0.1	<0.05	3	<0.5	<0.2
SBD-39	Soil			32	0.44	91	0.041	<1	1.22	0.007	0.06	0.1	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
SBD-40	Soil			22	0.32	73	0.108	<1	0.84	0.022	0.03	<0.1	0.02	3.1	<0.1	<0.05	3	<0.5	<0.2
SBD-41	Soil			26	0.36	75	0.141	<1	1.44	0.013	0.03	<0.1	0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
SBD-42	Soil			28	0.65	120	0.133	<1	2.03	0.014	0.05	0.1	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
SBD-43	Soil			28	0.42	142	0.124	<1	1.72	0.016	0.03	<0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
SBD-44	Soil			28	0.51	99	0.118	<1	1.62	0.023	0.04	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
SBD-45	Soil			26	0.33	64	0.122	<1	1.49	0.012	0.04	<0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
SBD-46	Soil			48	0.92	80	0.133	<1	1.51	0.018	0.09	0.2	<0.01	4.9	0.1	<0.05	7	<0.5	<0.2
SBD-47	Soil			27	0.48	96	0.126	<1	1.40	0.022	0.05	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
SBD-48	Soil			36	0.56	98	0.138	<1	1.79	0.011	0.05	0.2	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
SBD-49	Soil			27	0.43	75	0.125	<1	1.27	0.016	0.04	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
SBD-50	Soil			109	2.24	169	0.366	<1	3.55	0.015	0.45	0.6	0.04	10.1	0.7	0.14	19	0.7	0.7
SBD-51	Soil			27	0.34	71	0.105	<1	1.43	0.011	0.03	0.1	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
SBD-52	Soil			29	0.42	125	0.116	<1	1.93	0.009	0.04	<0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
SBD-53	Soil			34	0.53	97	0.112	<1	1.80	0.012	0.04	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2

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

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: June 02, 2014
Report Date: June 20, 2014
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN14001704.2

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 83

SAMPLE DISPOSAL

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

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

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

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	83	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ201	83	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DRPLP	83	Warehouse handling / disposition of pulps			VAN
DRRJT	83	Warehouse handling / Disposition of reject			VAN
FA430	7	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

VAN14001704.2

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
[REDACTED]	Rock	0.97	8.8	122.1	6.7	77	0.2	25.7	16.0	424	4.43	1.3	<0.5	0.8	16	0.7	0.8	0.1	60	0.48	0.069
[REDACTED]	Rock	0.63	0.6	36.6	3.5	59	<0.1	36.8	16.4	750	3.40	14.9	<0.5	0.3	131	0.1	0.1	<0.1	77	7.13	0.053
[REDACTED]	Rock	0.50	0.4	78.7	5.0	58	<0.1	6.4	17.3	680	3.98	7.6	1.5	0.8	104	<0.1	0.4	<0.1	73	0.96	0.178
[REDACTED]	Rock	0.58	0.2	71.7	0.5	73	<0.1	61.3	35.6	1385	6.35	2.2	<0.5	0.1	70	0.1	1.6	<0.1	59	4.80	0.071
[REDACTED]	Rock	0.71	0.9	80.3	0.7	89	<0.1	65.6	44.5	1566	7.84	18.0	0.8	0.2	19	0.2	1.5	<0.1	96	1.36	0.073
[REDACTED]	Rock	0.88	0.5	72.0	1.0	67	<0.1	58.2	36.7	1215	6.59	4.4	<0.5	<0.1	86	<0.1	0.4	<0.1	65	4.72	0.067
[REDACTED]	Rock	0.59	0.1	49.8	0.5	55	<0.1	53.5	30.7	1307	5.77	1.2	<0.5	0.1	77	<0.1	0.3	<0.1	57	5.63	0.062
[REDACTED]	Rock	1.26	0.6	67.9	4.2	86	<0.1	73.1	47.2	1602	8.17	3.2	<0.5	0.2	15	0.3	0.5	<0.1	71	0.53	0.074
[REDACTED]	Rock	1.45	0.4	72.8	0.7	89	<0.1	74.7	43.7	1560	8.02	4.2	0.6	0.2	27	0.2	0.6	<0.1	86	1.94	0.075
[REDACTED]	Rock	0.76	0.7	89.1	0.8	75	<0.1	105.9	47.6	1701	8.56	4.3	5.2	0.1	5	0.3	1.1	<0.1	73	0.04	0.058
[REDACTED]	Rock	1.05	0.2	31.2	0.9	189	<0.1	59.1	8.5	545	5.40	0.6	<0.5	2.5	168	<0.1	<0.1	<0.1	40	4.48	0.163
[REDACTED]	Rock	1.25	0.4	98.6	1.7	66	0.2	88.5	46.1	1661	7.79	169.1	5.6	0.3	10	0.2	2.2	<0.1	74	0.25	0.042
[REDACTED]	Rock	1.16	0.3	96.2	1.0	83	<0.1	63.1	42.0	1155	6.87	9.6	1.8	0.2	23	<0.1	6.7	<0.1	60	1.47	0.079
[REDACTED]	Rock	0.84	0.1	71.6	0.8	86	<0.1	84.7	43.5	969	7.34	3.6	<0.5	0.1	12	0.1	1.5	<0.1	187	2.27	0.043
[REDACTED]	Rock	1.04	0.2	65.6	1.1	86	<0.1	72.5	38.1	1808	5.93	5.8	<0.5	0.2	10	0.2	1.2	<0.1	33	0.26	0.064
[REDACTED]	Rock	0.75	1.4	89.3	2.9	66	0.3	60.3	39.0	1234	7.48	1896.9	637.6	0.4	15	0.1	2.9	<0.1	104	0.37	0.086
[REDACTED]	Rock	0.78	0.6	43.4	1.0	41	0.1	41.6	24.5	974	4.74	164.5	5.9	<0.1	48	<0.1	4.5	<0.1	33	9.43	0.063
[REDACTED]	Rock	0.91	<0.1	9.0	1.0	22	<0.1	21.7	11.9	1476	2.63	17.0	<0.5	<0.1	301	<0.1	0.3	<0.1	42	17.78	0.011
[REDACTED]	Rock	0.39	0.3	19.7	0.6	12	0.1	1121.3	66.3	889	4.58	9.3	<0.5	<0.1	13	0.2	0.5	<0.1	19	0.22	0.006
[REDACTED]	Rock	0.84	<0.1	3.0	0.4	8	<0.1	1459.7	64.6	469	3.40	3.7	<0.5	<0.1	40	<0.1	0.3	<0.1	16	0.56	0.002
[REDACTED]	Rock	0.19	0.2	21.8	0.4	37	<0.1	50.1	36.0	1707	6.26	1.1	0.6	0.2	2	0.2	<0.1	<0.1	60	0.04	0.007
[REDACTED]	Rock	0.62	<0.1	30.4	0.3	27	<0.1	655.5	41.7	771	4.07	1.5	<0.5	<0.1	337	<0.1	0.5	<0.1	49	5.28	0.018
[REDACTED]	Rock	1.03	0.7	402.1	6.4	23	0.6	20.1	6.2	329	1.74	3.4	<0.5	1.7	29	0.3	0.1	0.1	8	0.76	0.014
SBR-01	Rock	0.59	0.8	15.1	4.2	12	<0.1	6.2	2.5	95	1.16	67.1	<0.5	0.3	4	<0.1	1.5	<0.1	6	<0.01	0.014
SBR-02	Rock	0.71	0.3	4.7	6.1	7	<0.1	5.6	1.8	46	0.54	21.8	<0.5	0.5	2	<0.1	1.5	<0.1	3	<0.01	0.005
SBR-03	Rock	1.04	0.6	7.5	10.0	20	0.4	7.4	1.7	53	0.67	24.8	<0.5	1.8	3	<0.1	2.4	0.1	6	0.01	0.009
SBR-04	Rock	0.66	0.2	4.6	0.6	7	0.4	2.7	2.3	62	0.71	40.9	65.7	<0.1	5	<0.1	7.4	<0.1	27	0.11	0.004
SBR-05	Rock	0.91	2.9	5.0	0.8	2	1.4	3.4	1.9	42	1.72	1228.0	1478.3	<0.1	3	<0.1	42.7	<0.1	5	0.02	0.001
SBR-06	Rock	0.71	0.6	4.7	4.6	7	11.0	4.4	2.7	28	2.06	660.2	1464.2	<0.1	7	<0.1	293.9	<0.1	7	<0.01	0.002
SBR-07	Rock	0.78	0.2	3.5	0.2	7	<0.1	3.2	1.0	94	0.44	19.5	10.7	<0.1	4	0.2	1.3	<0.1	4	0.13	0.002

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Project: None Given
Report Date: June 20, 2014

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CERTIFICATE OF ANALYSIS

VAN14001704.2

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA430
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
[REDACTED]	Rock	4	26	1.85	71	0.273	2	2.51	0.022	0.17	0.1	<0.01	3.6	<0.1	1.05	5	3.4	<0.2
[REDACTED]	Rock	2	75	2.03	25	0.209	<1	2.60	0.046	0.05	0.1	<0.01	4.1	<0.1	0.08	5	<0.5	<0.2
[REDACTED]	Rock	4	9	1.08	70	0.211	1	1.29	0.049	0.42	0.1	<0.01	3.9	<0.1	1.65	4	0.7	<0.2
[REDACTED]	Rock	4	34	1.88	55	0.004	1	0.37	0.152	0.02	<0.1	0.01	32.1	<0.1	<0.05	<1	<0.5	<0.2
[REDACTED]	Rock	3	63	0.73	71	0.002	<1	1.03	0.146	0.03	<0.1	0.02	35.8	<0.1	<0.05	3	<0.5	<0.2
[REDACTED]	Rock	<1	29	2.11	39	0.003	<1	0.43	0.174	0.03	<0.1	<0.01	32.4	<0.1	0.50	<1	<0.5	<0.2
[REDACTED]	Rock	3	30	2.10	32	0.003	<1	0.37	0.163	0.01	<0.1	<0.01	32.4	<0.1	<0.05	<1	<0.5	<0.2
[REDACTED]	Rock	1	48	0.23	74	0.003	<1	0.63	0.149	0.03	<0.1	0.02	38.9	<0.1	<0.05	1	<0.5	<0.2
[REDACTED]	Rock	3	61	0.83	70	0.003	<1	0.93	0.151	0.03	<0.1	0.01	38.9	<0.1	<0.05	2	<0.5	<0.2
[REDACTED]	Rock	2	40	0.11	51	0.002	1	0.49	0.138	0.03	<0.1	0.08	35.2	<0.1	0.35	1	0.9	<0.2
[REDACTED]	Rock	5	75	0.76	132	0.003	2	1.49	0.029	0.24	<0.1	0.02	11.3	<0.1	0.15	3	0.7	<0.2
[REDACTED]	Rock	3	68	0.21	79	0.002	<1	0.84	0.104	0.06	<0.1	0.03	37.3	<0.1	0.06	1	<0.5	<0.2
[REDACTED]	Rock	<1	45	0.41	79	0.001	<1	0.67	0.128	0.03	0.1	0.15	37.7	<0.1	<0.05	1	<0.5	<0.2
[REDACTED]	Rock	1	282	2.92	93	0.176	3	5.37	0.028	0.04	<0.1	0.03	23.7	<0.1	<0.05	14	<0.5	<0.2
[REDACTED]	Rock	2	44	0.14	100	<0.001	<1	0.92	0.143	0.08	<0.1	0.02	25.4	<0.1	<0.05	<1	<0.5	<0.2
[REDACTED]	Rock	3	69	0.31	338	0.001	<1	1.40	0.030	0.08	0.2	0.16	33.6	0.2	<0.05	3	<0.5	<0.2
[REDACTED]	Rock	1	30	0.23	117	<0.001	<1	0.38	0.047	0.09	<0.1	0.02	18.1	<0.1	<0.05	<1	<0.5	<0.2
[REDACTED]	Rock	2	26	5.13	44	<0.001	<1	0.22	0.009	0.02	<0.1	<0.01	8.2	<0.1	<0.05	<1	<0.5	<0.2
[REDACTED]	Rock	1	570	8.77	60	<0.001	1	0.20	0.002	0.01	<0.1	0.02	6.6	<0.1	0.12	<1	1.6	<0.2
[REDACTED]	Rock	<1	606	15.31	23	<0.001	3	0.14	0.003	0.01	<0.1	0.02	5.1	<0.1	<0.05	<1	<0.5	<0.2
[REDACTED]	Rock	2	14	0.96	49	<0.001	<1	1.27	0.006	<0.01	<0.1	0.02	5.1	<0.1	<0.05	3	<0.5	<0.2
[REDACTED]	Rock	<1	366	9.02	22	<0.001	<1	1.00	0.045	0.03	<0.1	0.03	13.0	<0.1	<0.05	2	<0.5	<0.2
[REDACTED]	Rock	2	5	0.31	20	<0.001	<1	0.11	0.034	<0.01	<0.1	0.02	3.2	<0.1	0.17	<1	0.7	<0.2
SBR-01	Rock	1	5	0.01	40	<0.001	<1	0.11	0.002	0.07	<0.1	0.03	0.9	0.1	<0.05	<1	<0.5	<0.2
SBR-02	Rock	3	4	0.01	38	<0.001	1	0.10	0.001	0.07	<0.1	0.05	0.4	<0.1	<0.05	<1	<0.5	<0.2
SBR-03	Rock	9	5	0.01	95	<0.001	1	0.21	0.002	0.12	<0.1	0.09	1.0	<0.1	<0.05	<1	<0.5	<0.2
SBR-04	Rock	<1	15	0.16	61	<0.001	<1	0.69	0.001	0.14	<0.1	0.12	2.8	0.7	<0.05	2	0.5	<0.2
SBR-05	Rock	<1	4	0.01	32	<0.001	<1	0.12	<0.001	0.05	<0.1	0.08	0.8	0.3	1.10	<1	4.0	<0.2
SBR-06	Rock	<1	4	<0.01	66	<0.001	<1	0.13	0.002	0.08	<0.1	0.07	0.8	0.8	1.50	<1	13.9	<0.2
SBR-07	Rock	<1	2	0.04	24	<0.001	2	0.09	0.002	0.04	<0.1	0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2

CERTIFICATE OF ANALYSIS

VAN14001704.2

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
SBR-08	Rock	0.51	1.6	3.2	2.0	7	3.7	2.7	1.0	72	1.03	89.4	604.4	0.1	5	0.2	6.1	<0.1	7	0.03	0.005
SBR-09	Rock	1.44	1.1	17.6	1.8	51	0.3	16.3	12.6	439	2.09	186.7	127.5	<0.1	12	0.6	3.7	<0.1	14	0.56	0.006
SBR-10	Rock	1.44	6.5	46.4	3.7	98	1.0	33.3	25.3	1273	6.18	174.4	167.3	<0.1	20	0.4	18.7	<0.1	26	2.16	0.050
SBR-11	Rock	1.76	1.1	2.7	6.9	6	1.3	0.9	0.2	24	0.56	53.2	28.0	0.7	6	<0.1	7.5	<0.1	5	0.01	0.010
SBR-12	Rock	0.79	3.8	10.5	1.9	27	3.1	19.2	12.7	81	1.87	1757.3	3027.7	<0.1	2	0.2	33.8	<0.1	7	0.05	0.011
SBR-13	Rock	1.15	0.2	35.2	1.2	64	9.5	19.9	12.7	139	2.50	4771.3	6996.3	<0.1	21	0.8	>2000	<0.1	10	0.33	0.018
SBR-14	Rock	1.21	3.5	52.1	6.0	100	0.6	44.6	34.9	1061	7.81	278.0	180.6	<0.1	2	1.3	27.9	<0.1	33	0.03	0.058
SBR-15	Rock	1.15	0.7	12.5	7.3	21	0.7	3.4	1.0	35	1.04	37.9	16.9	0.8	4	<0.1	33.7	<0.1	5	<0.01	0.018
SBR-16	Rock	1.13	0.2	31.9	0.9	31	10.3	17.8	13.0	27	1.68	3591.6	6604.9	<0.1	6	0.4	>2000	<0.1	7	0.07	0.011
SBR-17	Rock	0.89	0.2	42.5	1.2	152	0.2	81.6	22.5	202	2.37	129.0	4.9	2.9	103	1.1	17.7	<0.1	4	2.82	0.065
SBR-18	Rock	1.00	0.2	49.4	2.8	109	0.2	244.4	33.6	452	4.58	341.9	1.7	6.9	263	0.5	2.8	<0.1	7	7.62	0.109
SBR-19	Rock	0.75	2.1	28.5	2.4	124	0.1	190.1	45.1	594	7.18	212.3	65.3	2.6	101	0.3	27.0	<0.1	6	4.81	0.013
SBR-20	Rock	1.28	<0.1	12.6	3.0	84	<0.1	36.6	5.0	553	1.21	46.6	1.8	0.6	910	0.5	1.3	<0.1	<2	11.13	0.007
SBR-21	Rock	0.44	<0.1	10.5	4.4	30	<0.1	64.9	9.1	927	1.82	80.2	<0.5	2.2	1581	0.1	1.0	<0.1	4	17.63	0.042
SBR-22	Rock	1.63	1.2	36.7	2.3	106	<0.1	202.6	29.3	608	5.15	264.0	<0.5	7.0	201	0.3	3.7	<0.1	8	6.50	0.098
SBR-23	Rock	0.73	<0.1	4.3	0.4	25	<0.1	4.3	1.7	309	0.92	13.0	7.6	<0.1	13	0.7	1.4	<0.1	4	0.59	0.017
SBR-24	Rock	0.46	2.5	5.4	2.9	22	1.2	5.1	0.9	77	0.66	17.3	4.4	1.6	64	0.3	3.8	<0.1	5	0.68	0.287
SBR-25	Rock	0.81	0.4	1.2	0.2	2	0.2	1.3	0.2	26	0.24	1.8	11.8	<0.1	1	<0.1	4.8	<0.1	<2	0.02	<0.001
SBR-26	Rock	0.71	11.9	36.0	4.4	44	0.2	32.5	12.2	347	2.14	1.2	<0.5	3.8	15	0.6	0.3	0.7	32	0.43	0.100
SBR-27	Rock	0.28	<0.1	0.9	1.3	1	<0.1	3.2	22.2	22	3.28	2.3	1.5	1.0	3	<0.1	0.3	<0.1	<2	0.03	0.014
SBR-08	Rock	0.50	17.0	326.8	2.2	80	1.3	31.9	20.3	433	4.66	5.6	<0.5	3.8	30	0.1	0.6	0.7	110	0.63	0.186
SBR-09	Rock	0.52	2.8	54.3	5.4	114	0.1	6.5	6.8	342	2.62	0.6	0.9	5.9	18	<0.1	0.3	0.5	51	0.35	0.062
SBR-08	Rock	0.61	0.4	1.2	4.3	8	<0.1	0.6	0.3	132	0.60	<0.5	<0.5	10.3	2	<0.1	1.2	0.1	<2	0.01	0.006

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Report Date: June 20, 2014

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Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN14001704.2

Method	Analyte	Unit	MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA430			
				La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
				ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm		
				1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.005	
SBR-08	Rock			<1	3	<0.01	275	<0.001	1	0.13	0.003	0.07	0.1	0.03	0.9	0.1	<0.05	<1	2.4	<0.2	0.347
SBR-09	Rock			<1	7	0.14	247	<0.001	1	0.21	0.004	0.09	0.1	0.02	5.8	0.1	0.15	<1	0.7	<0.2	
SBR-10	Rock			1	9	0.48	125	0.001	3	0.35	0.007	0.29	0.1	0.07	9.3	0.2	0.38	<1	1.0	<0.2	
SBR-11	Rock			6	4	<0.01	72	<0.001	<1	0.15	0.002	0.13	<0.1	0.08	0.9	<0.1	0.10	<1	0.7	<0.2	
SBR-12	Rock			<1	8	0.03	57	<0.001	2	0.21	0.002	0.12	0.1	0.03	1.9	0.2	1.28	<1	18.2	<0.2	3.018
SBR-13	Rock			<1	7	0.13	81	<0.001	3	0.29	0.004	0.17	<0.1	0.08	2.4	0.9	1.40	<1	50.7	<0.2	6.680
SBR-14	Rock			2	12	0.05	163	0.001	3	0.41	0.009	0.33	0.2	0.05	11.2	0.3	0.51	1	1.5	<0.2	
SBR-15	Rock			7	5	<0.01	64	<0.001	<1	0.15	0.002	0.10	<0.1	0.07	1.2	<0.1	<0.05	<1	1.4	<0.2	
SBR-16	Rock			<1	6	0.02	73	<0.001	<1	0.22	0.003	0.14	<0.1	0.07	0.8	0.9	1.73	<1	>100	<0.2	5.926
SBR-17	Rock			3	19	0.42	46	<0.001	<1	0.20	0.009	0.13	<0.1	0.03	2.2	<0.1	0.44	<1	5.8	<0.2	
SBR-18	Rock			3	32	1.01	68	<0.001	1	0.32	0.017	0.20	<0.1	0.02	4.6	0.1	1.07	<1	11.0	<0.2	
SBR-19	Rock			2	19	0.56	35	<0.001	<1	0.18	0.019	0.09	<0.1	0.03	6.7	<0.1	0.73	<1	2.6	<0.2	
SBR-20	Rock			2	5	0.24	14	<0.001	<1	0.06	0.004	0.03	<0.1	0.01	4.2	<0.1	0.31	<1	2.4	<0.2	
SBR-21	Rock			3	12	0.53	34	<0.001	<1	0.14	0.008	0.09	<0.1	0.02	4.2	<0.1	0.11	<1	<0.5	<0.2	
SBR-22	Rock			5	30	0.71	82	<0.001	<1	0.33	0.020	0.21	<0.1	0.02	5.3	0.1	0.34	<1	1.8	<0.2	
SBR-23	Rock			<1	3	0.17	51	<0.001	<1	0.06	0.002	0.03	<0.1	0.03	1.5	<0.1	<0.05	<1	<0.5	<0.2	
SBR-24	Rock			7	4	0.03	61	0.002	3	0.26	0.001	0.12	0.1	0.01	0.8	0.1	<0.05	<1	<0.5	0.4	
SBR-25	Rock			<1	2	<0.01	3	<0.001	<1	0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
SBR-26	Rock			9	14	0.21	271	0.052	<1	0.42	0.029	0.04	0.3	<0.01	1.7	<0.1	<0.05	2	2.0	0.2	
SBR-27	Rock			3	3	0.24	2	<0.001	<1	0.21	0.002	<0.01	<0.1	<0.01	0.3	<0.1	3.29	<1	<0.5	<0.2	
SBR-28	Rock			8	60	2.15	31	0.096	<1	2.27	0.064	0.08	0.5	<0.01	5.6	<0.1	1.19	10	<0.5	<0.2	
SBR-29	Rock			9	14	0.85	75	0.200	<1	1.10	0.068	0.50	0.2	0.01	6.8	0.3	<0.05	5	<0.5	<0.2	
SBR-30	Rock			5	<1	0.04	5	0.002	<1	0.27	0.048	0.12	<0.1	<0.01	0.5	<0.1	<0.05	2	<0.5	<0.2	