37999 YUKON INC.

PROSPECTING & GEOLOGICAL INVESTIGATIONS AT THE DEET PROPERTY, LIVINGSTONE CREEK AREA, YUKON TERRITORY

Mike Power, M.Sc. P.Geo.

Claims	Record Numbers
REPEX 1 - 4	YC83837-YC83840
REPEX 5 -24	YC95151-YC95170

Project: YMIP 09-052
Location: 61° 18' N 134° 13' W
NTS: 105 E 08
Mining District: Whitehorse
Date: 15 Dec 09
Work performed: August 1 - 14, 2009

SUMMARY

The DEET Property is located 85 NE of Whitehorse and consists of 24 claims staked under the Yukon Quartz Mining Act. The property hosts bedrock and placer gold mineralization and covers Minfile Showing 105E 053. It was staked in 2009 and is owned by 37999. Prior to this, the property had been staked and explored by Archer, Cathro and Associates (1981) Limited and a suite of junior companies, following up the discovery of high grade gold-bearing vein float in 1987. This report describes the results of a work program consisting of prospecting, geological mapping, soil geochemical surveys and VLF-EM surveys conducted between August 1 - 14, 2009.

The DEET Property is underlain by Lower Proterozoic metasediments and metavolcanics of the Snowcap Complex intruded by Early Mississippian tonalite. Bedrock deformation includes N-S trending folding and faulting and the development of the D'Abbadie Fault Zone east of the property in the Cretaceous. Foliation and veins on the property generally strike NNW - SSE. Bedrock is covered by thin residual soil (regosols) at higher elevations and by till at elevations below about 1000 m.

Prospecting and mapping was conducted over most of the property during August 2009. A total of 23 prospective samples were collected, crushed, and analyzed for 36 elements by ICP. Despite poor exposure beneath a thin veneer of soil, a showing was located north of an E-W trending ridge in the centre of the claim group (Gold Bug Showing). Mineralization found there consists of frost heaved quartz vein material containing limonite, galena, pyrite, chalcopyrite and lesser sphalerite and tetrahedrite. Best assays of this material returned values up to 14 g/t Au and 383 g/t Ag. The quartz vein material is confined to a 2 to 3 m wide, 15 m long, N-S trending lineament partially coincident with a small gully.

Soil geochemical surveys were conducted adjacent to and up-slope from the Gold Bug Showing. A total of 83 soil samples were collected and the -80 mesh fraction was analyzed with 36 element ICP. Anomalous responses in gold, lead, arsenic and antimony were recorded up-slope of the showing. Principal component analysis of the soil data set extracted a dominant factor (F1) which accounts for 35% of the variability observed in the data set and which is strongly dominated by Pb, Zn, Sb, Au and As. A clear linear trend in the F1 response appears up-slope from the Gold Bug Showing.

The VLF-EM survey over the Gold Bug Showing failed to detect any significant conductors. A weak quadrature conductor was detected in a gully further to the east along the ridge above the Gold Bug Showing. Vein material with anomalous gold was detected south of the conductor along its strike.

The results of the work conducted to date suggest that the placer gold found in all the

creeks draining the property area might be derived from structurally hosted, upper mesothermal to epithermal gold veins. A work program consisting of soil sampling, trenching, mapping and prospecting is recommended.

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1.0 INTRODUCTION

This report describes prospecting, geological mapping, geophysical and geochemical surveys conducted on the DEET Property held by 37999 Yukon Inc. in the Whitehorse Mining District, Yukon Territory. This work was conducted to locate the source of high grade gold mineralization discovered in bedrock float on the property.

2.0 LOCATION AND ACCESS

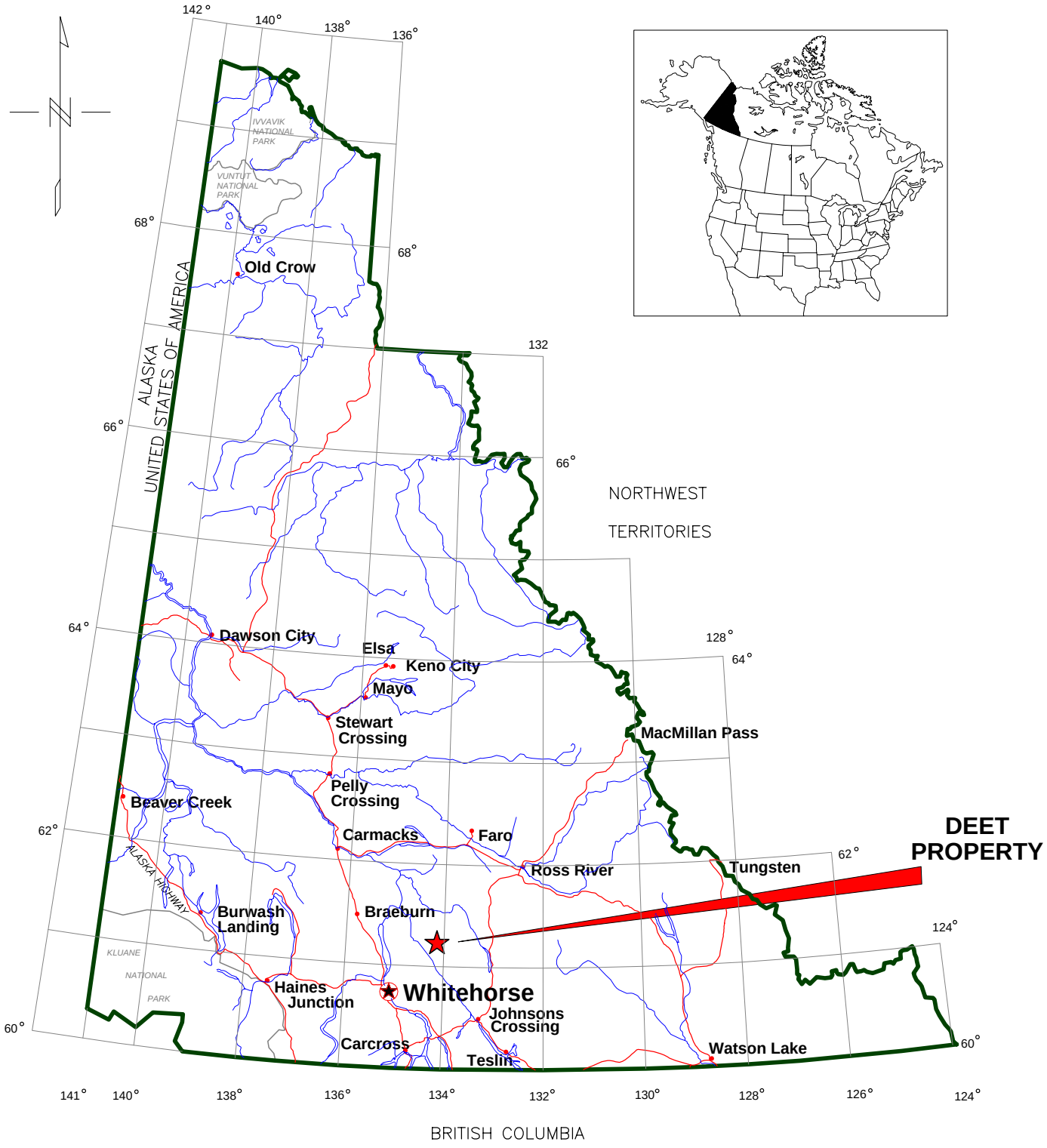
The DEET Property is located south of Livingstone Creek in the Whitehorse Mining District and is centred at approximately 61° 18' N 134° 13' W, 85 km northeast of Whitehorse, Yukon Territory (Figure 1). The property is accessible by helicopter. An unpaved landing strip of sufficient length to accommodate a Twin Otter is located at Livingstone Creek, 12 km northwest of the property centre. Bulldozer trails from a local road net encompassing the Livingstone Creek placer camp extend to within 2 km of the property boundary up May and Livingstone Creeks.

3.0 PHYSIOGRAPHY & CLIMATE

The DEET Property is located in the Big Salmon Range of the Pelly Mountains. Topography in the area consists of a large upland at an average elevation of 1500 m above sea level bounded by steep, convex slopes descending to the Big Salmon River and its associated drainages at an elevation of about 900 m ASL. In the immediate area of the property, elevations range from 1300 to 1600 m ASL. Permafrost is common on north facing slopes. The area is drained by intermittent streams at higher elevations coalescing into the major drainages which surround the property including Livingstone, May, Sylvia and Marten Creeks.

The property area is covered by moss, lichen and low dwarf birch in the higher areas above 1400 m giving way to willow and black spruce at lower elevations. Tree line is at approximate 1200 m on the property.

The climate in the property area consists of long, cold winters, short wet summers and short spring and fall seasons. At Whitehorse, the closest nearby community, annual temperatures range from -40^0 C in January to 20^0 C in July and precipitation averages 26.7 cm, with the majority falling during the summer.



100000 0 100000
(meters)

37999 YUKON INC.

DEET PROPERTY
Figure 1. Property Location Map

NTS: 105E08
Datum: NAD83
Job: 379-9514-YT

Mining District: Whitehorse, YT
Projection: UTM Zone 8N
Date: 08 Nov 09

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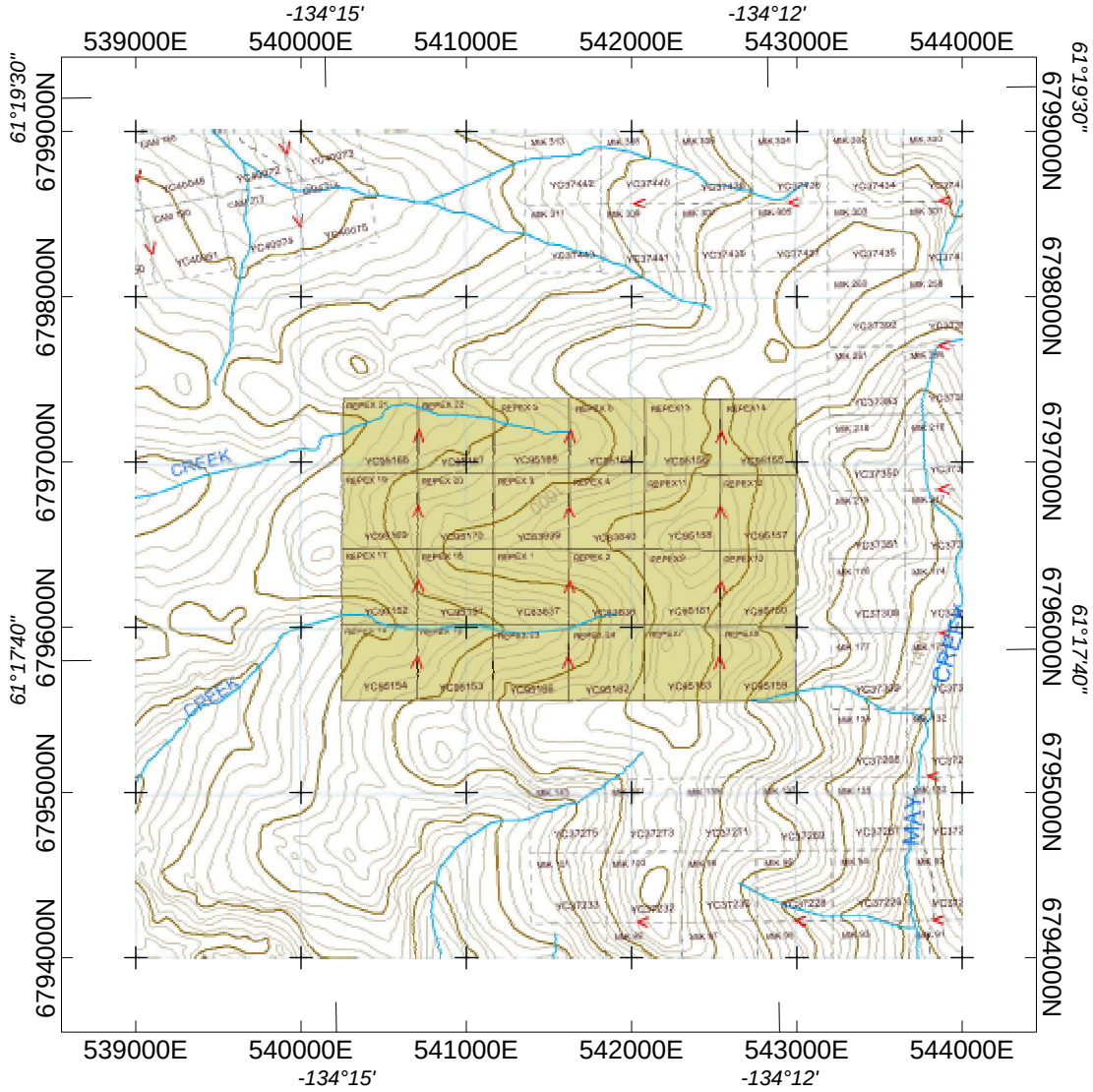

Scale 1:45000

500 0 500 1000

(meters)

NAD83 / UTM zone 8N

37999 YUKON INC.

DEET PROPERTY
Figure 2. Claim location

NTS: 108 E08
Datum: NAD83
Job: 379-9514-YT

District: Whitehorse, YT
Projection: UTM Zone 8N
Date: 08 Nov 09

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4.0 PROPERTY DESCRIPTION

The DEET Property consists of 24 un-surveyed Quartz Claims staked under the Yukon Quartz Mining Act and recorded in the Whitehorse Mining District. Claim locations are displayed in Figure 2 and claim information is summarized below[1]:

Claim name	Record Numbers	Expiry date
Repex 1-4	YC83837-YC83840	13 Mar 2010
Repex 5-24	YC95151-YC95170	05 Aug 2010

The claims are owned 100% by 37999 Yukon Inc. The claims can be maintained in good standing indefinitely by performing $100 per claim per year of assessment work or paying the same amount in lieu and paying associated filing fees of $10 per claim. The claims are located on Crown Land and surface rights are retained by the Crown.

5.0 EXPLORATION HISTORY

The DEET Property covers Yukon Minfile showing 105 E 53. An exploration crew working with Archer, Cathro & Associates discovered high grade gold-bearing galena-sphalerite-quartz vein float at the headwaters of May and Livingstone Creeks and staked claims covering the area in which the samples were found. The property was optioned to All North Resources Ltd. in 1987 and transferred through Aurich Resources to Rexford Mines Ltd. before eventually lapsing in 1990. Renoble Holdings Inc. restaked the claims in August 1990. None of the companies that optioned the ground filed any assessment on their claims. Archer, Cathro conducted regional follow-up soil surveys and prospecting in the area but apparently did not locate the source of the gold-bearing float. The property was restaked by 37999 Yukon Inc. in March 2009.

The only other precious metal occurrence in the area is the Livingstone showing (Minfile 105E01) on Livingstone Creek (Minfile, 2009). A galena-bearing quartz vein with associated pyrite, chalcopyrite and minor sulphosalts was explored by a 15 m adit driven along the vein near the turn of the last century. Best assays from dump material returned values of 41.1 g/t Au and 363 g/t Ag.

Placer creeks surrounding the property include Livingstone, May, Sylvia and Martin Creeks and are documented in Lebarge (2002). Production records cited herein are based on gold declared for royalty and are likely underestimates. Livingstone Creek,

[1] Claim information as of January 15, 2010 as posted on the Yukon Mining Recorders website (www.yukonminingrecorders.ca). Claim expiry dates do not reflect the value of work documented in this report.

north of the DEET Property, is the most significant placer producing creek on the South Big Salmon River with declared production of 14,057 ounces of placer gold. Martin Creek drains the property to the west and has been mined intermittently since the 1930's. The most recent operation in the 1990's declared production of 81 placer gold ounces. Sylvia Creek also drains the property area to the west and is reputed to be gold-bearing. May Creek drains the eastern side of the property area and has been mined since the 1990's with no declared production. Overall production in the Livingstone Creek placer camp is approximately 50,000 ounces (Colpron, 2007).

6.0 DESCRIPTION OF WORK PROGRAM

This section describes the prospecting, geological, geochemical and geophysical investigations conducted on the DEET Property from August 1-14, 2009.

6.1 Personnel & equipment

The work program was conducted by the following personnel:

Crew chief:	Dave White, P.Geol.
Prospector:	Andrew Strain

The crew were equipped with the following instruments and equipment:

Geological & geophysical:	2 - Garmin NDGPS receivers 1 - Geonics EM-16 VLF receiver 1 - Geological sampling & gridding tools
Camp:	1 - 4 man camp (sleeper / kitchen tents) 1 - 2 KW generator 1 - Satellite phone 2 - VHF radios

The survey log in Appendix B includes the names and addresses of all persons employed and a detailed description of daily operations. A statement of costs is compiled in Appendix C.

6.2 Specifications

Prospecting and geological mapping were conducted according to the following specifications:

Mapping datum:	NAD83 Zone 8N UTM (metric)	
Station location:	WAAS corrected (where available) GPS positioning with each reading averaged at least 20 times.	
Station records:	*Geology stations:*	Lithology, structure, samples & descriptions
	Prospecting stns:	Sample descriptions, general rock type
Sample marking:	All samples were marked with blue and orange flagging. The sample number was written on a portion of the flagging covered from weather and sunlight.	

Geochemical surveys were conducted according to the following specifications:

Mapping datum:	NAD83 Zone 8N UTM (metric)
Station location:	WAAS corrected (where available) GPS positioning with each reading averaged at least 20 times.
Sampling:	For each sample, the sample material was noted by the sampler. Where the horizon was present and accessible, samples were taken from the B-horizon (below organic layer).

Sample marking: All samples were marked flagging and white Tyvek tags on which the line and station were written. Sample names were abbreviations of the line and station where the sample was collected.

6.3 Sample analysis.

Soil samples were sieved to -80 mesh; rock samples were crushed and sieved to -80 mesh. Sub-samples of 100 g were split from the fine fractions and digested with aqua-regia. A 0.5 g sample of the extract was analyzed with induced coupled plasma - mass spectrometry (ICP-MS) for 36 elements. Over-limit rock samples were analyzed by gravimetric fire assay (1 assay-ton).

6.4 Data.

Geological mapping and prospecting station notes are compiled in Appendix D. Appendix E contains the geochemical samplers' notes on the composition of each sample together with the soil sample results. Rock sample analyses are in Appendix A CD-ROM appended to this report contains the report in .pdf format together with a digital archive containing all soil and rock data together with statistical analysis, and the VLF-EM data.

7.0 REGIONAL GEOLOGY

The regional geology in the property area is summarized by Gordey & Makepeace (1999) and by Colpron (2005). Surficial geology is described by Klassen and Morison (1985). Figure 3 is based on Colpron (2005) and illustrates the bedrock geology in the property area. The property lies in the Yukon Tanana Terrane of the Northern Cordillera, an allochthonous assemblage of metasedimentary and lesser metavolcanic rocks accreted to continental North America (Colpron, 2007). The following formations are mapped in the property area:

Formation (Age)	Description
Overburden (Quaternary - Holocene)	Lodgement till (<~1500m) and bedrock rubble at higher elevations. Alluvial deposits in creek bottoms.

EMt (Early Mississippian)	Tonalite gneiss: strongly foliated, light to medium grey, fine grained. Lesser medium grained, equigranular, strongly foliated hornblende-biotite granodiorite gneiss.
PSCv Upper Devonian & older	Snowcap Complex -light to medium green, variably siliceous, fine to medium grained, calcareous chlorite schist with local layers of buff siliceous marble.

Colpron (2007) describes the following regional deformational and associated igneous events affecting rocks in the property area:

Age	Description
Late Cretaceous	D'Abbadie Fault Zone - North trending brittle-ductile deformation zone, east of property and up to 1.5 km wide with associated minor granitic intrusions
Early Mississippian	Tonalite gneiss intruded Snowcap Complex near Livingstone to May Creeks.
Lower Paleozoic	Regional metamorphism characterized by NW trending, steeply SW dipping foliation, folding and NW trending lineations. May re-fold an earlier metamorphic fabric.

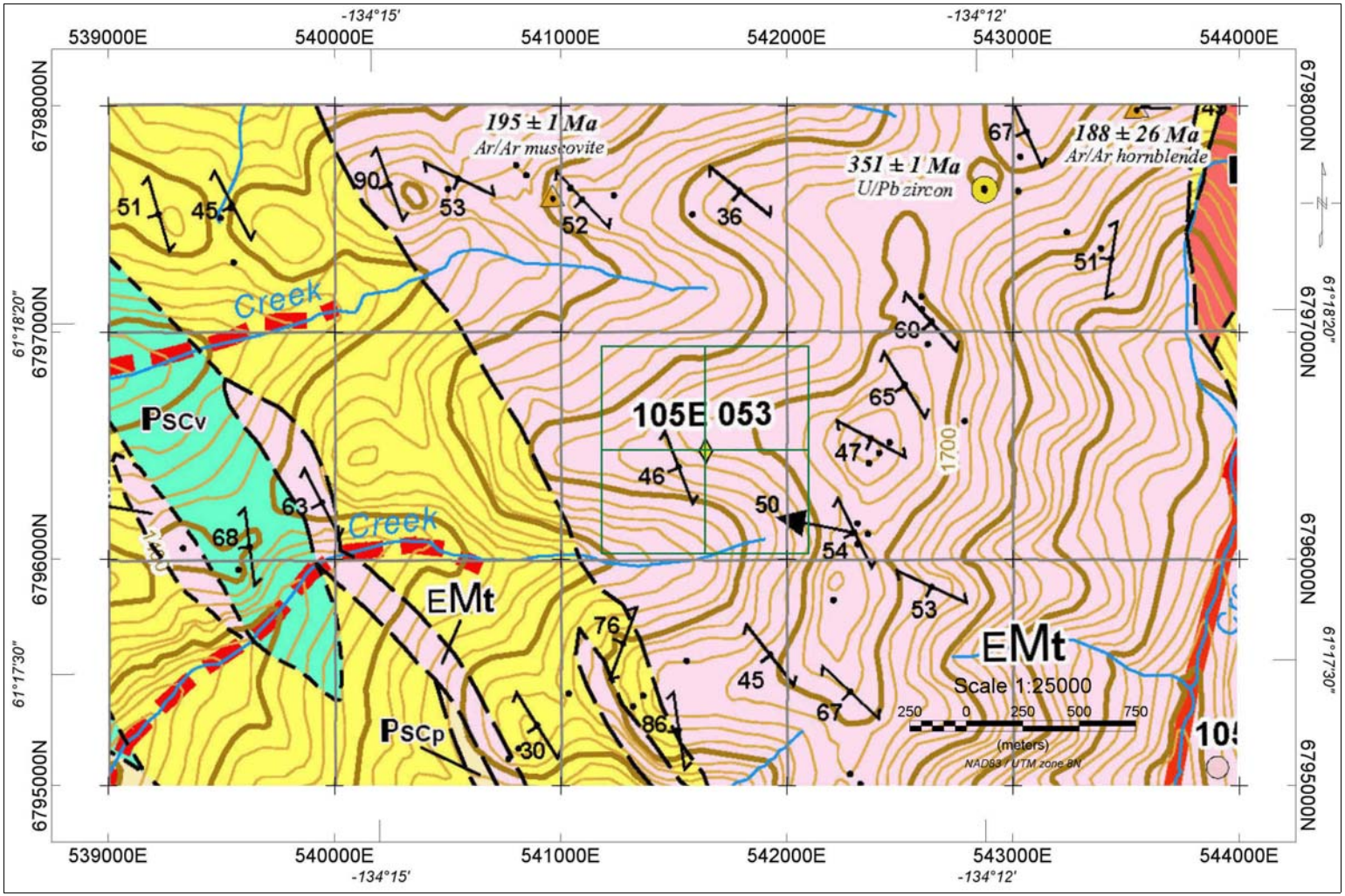


Figure 3. Regional geology in the area of the DEET Property after Colpron (2005).

8.0 PROPERTY GEOLOGY

No prior property scale mapping has been conducted on the DEET Property. This section is a compilation of mapping conducted in 2009 with results shown in Figure 4 .

8.1 Rock units

The following rock units are mapped on and immediately adjacent to the property:

Formation (Age)	Description
Overburden (Quaternary - Holocene)	Lodgement till (<~1500m) and bedrock rubble at higher elevations. Alluvial deposits in creek bottoms.
EMt (Early Mississippian)	Tonalite gneiss: strongly foliated, light to medium grey, fine grained. Lesser medium grained, equigranular, strongly foliated hornblende-biotite granodiorite gneiss.
PSCp Upper Devonian & older	Snowcap Complex. dominantly quartz-muscovite-biotite schist

Most of the property is underlain by tonalite to augen gneiss. These rocks are dark grey weathering medium grey, strongly foliated with gneissic banding on a millimetre scale, locally silicified and occasionally brecciated near fault zones. Iron staining is common near foliation- parallel veins and minor endoskarn.

The property is overlain by unconsolidated overburden consisting of thin (1-2 m) locally derived regosoils at higher elevations and by thick boulder till at lower elevations along the creeks.

8.2 Structure

Foliation in the tonalite gneiss is parallel to gneissosity and strikes between 100^{o} to 180^{0}, averaging about 145^{0} and dips to the west from 35^{o} to 70^{o}, averaging about 55^{o}. A sub-vertical fault located at station 540 (Figure 4) strikes 160^{o}. Quartz veins are generally oriented subparallel to foliation on the property although one bull quartz vein trending 320^{o} was also noted.

MARTIN CREEK

SYLVIA CREEK

Claim Boundary

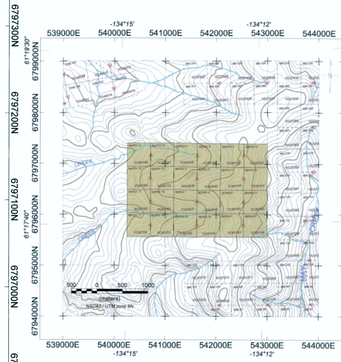
Gold Bug VLF Grid

Sable VLF Grid

105E 053

EMt

PSCp



LEGEND

EMt	Early Mississippian Tonalite
PSCp	Lower Paleozoic Snowcap Complex - metasediments & metavolcanics
50	Geology or prospecting station
	Fault
	Elevation contour (100 m)
	Treeline

Scale 1:3000

50 0 50 100 150 200 (meters)
NAD83 / UTM zone 8N

37999 YUKON INC.	
DEET PROPERTY **Figure 4 - Property Geology**	
NTS: 105 E08 Datum: NAD83 Job: 379-9527-YT	District: Whitehorse Projection: UTM Zone 8N Date: 10 Jan 09
AURORA GEOSCIENCES LTD.	

9.0 ECONOMIC MINERALIZATION

Figure 5 shows gold rock analyses from samples collected during 2009. Samples collected at showings are grouped at the showing location given the error in GPS locations. Economic mineralization located to date on the property consists of quartz (+ carbonate) veins with limonite and rare galena, pyrite, chalcopyrite and sphalerite. Gold and silver values are associated with sulphide minerals in the vein systems. Generally the veins are exposed only as rubble or in short bedrock exposures and have limited strike length. Veins are characterized by intense iron oxide alteration. Mariposite alteration including malachite and emerald green fuschite was noted in some quartz vein samples. One showing of significance was located during the 2009 program.

Gold Bug Showing

The Gold Bug Showing is located near the centre of the property just off the north side of a prominent ridge that bisects that property (Figure 4). Sulphide mineralization occurs in quartz boulder float. Exposed quartz-vein material is lies in an open, shallow dipping slope mostly composed of frost heaved detritus. Mineralized material trends 013° down slope and covers approximately 15 meters of strike length and is concentrated over a width of 2 to 3 meters. It appears to be spatially associated with a linear draw within the frost-heaved float (Figure 5.).

Galena, malachite, azurite±tetrahedrite±sphalerite is hosted in massive white quartz interpreted to be vein material that has intruded the variably deformed tonalite gneiss bedrock. Mineralized samples can be generally described as FeOH>>galena >> malachite±azurite±tetrahedrite±sphalerite where concentrations of galena may reach ~10% in a given grab sample. All samples of quartz vein are intimately associated with massive to semi massive honey brown to locally dark chocolate brown FeOH of which the specific mineralogy is unknown. The FeOH can, anneal open space at vein centers, vugs, or show a banded pseudo-colliform texture in the quartz veins. Galena commonly shows fine disseminated euhedral crystals to sparsely disseminated blebs less than one centimeter in diameter. Malachite>>azurite commonly occurs on fracture faces in the quartz vein. Each are trace to 1% in concentration but are commonly associated with galena and tetrahedrite(?). These minerals provide a good vector to galena mineralization. Tetrahedrite shows a purple metallic colour and moderate luster. One observed crystal is in direct contact with malachite, azurite and galena. There appear to be no other copper sulphides.

Best assays from the Gold Bug Showing are summarized in the table below:

Sample	Au (g/t)	Ag (g/t)	Description
AS017	14.05	383	5-10% galena with yellow alteration

AS019	1.06	24	<1% galena with limonite
AS021	5.98	116	1% galena, malachite

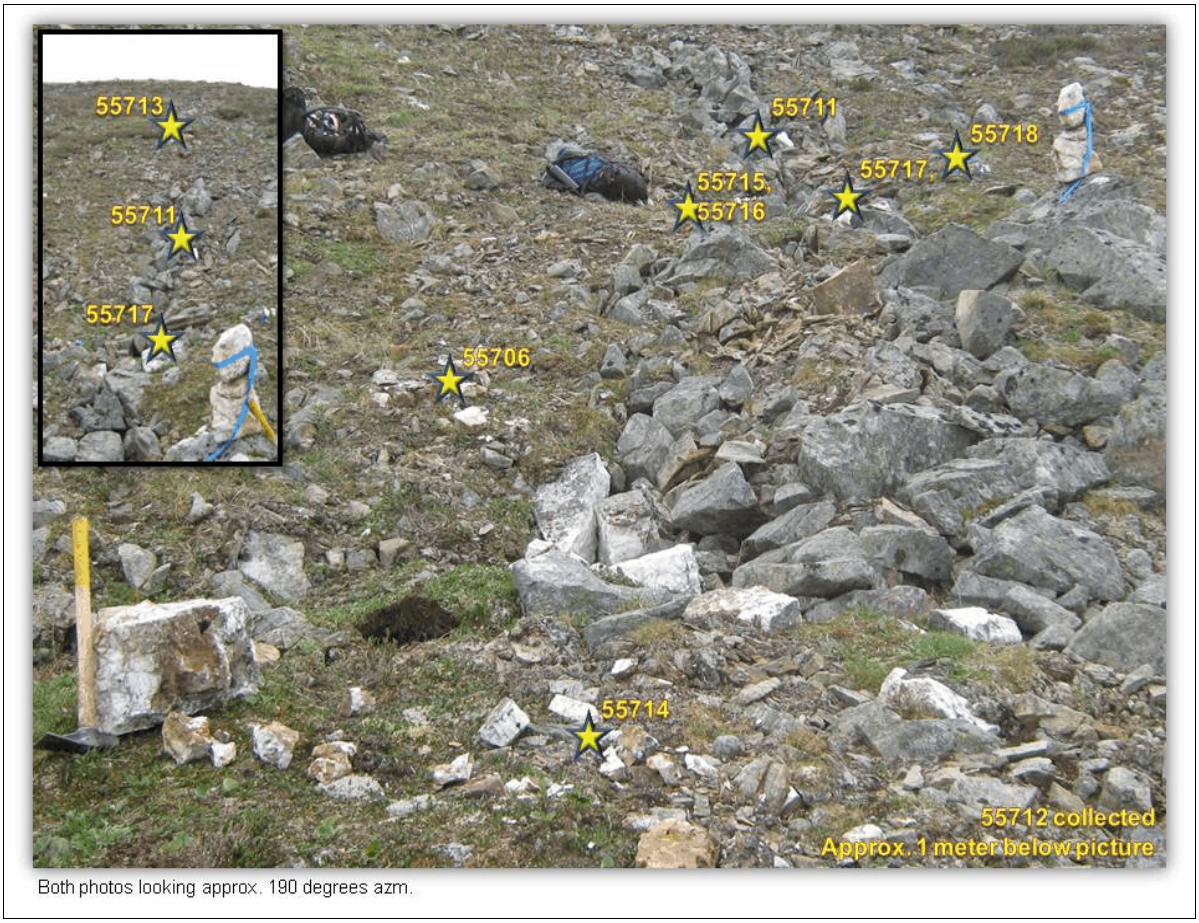


Figure 6. Photography of Gold Bug Showing, viewed from the north, showing sample locations.

MARTIN CREEK

SYLVIA CREEK

Claim Boundary

Gold Bug VLF Grid

Gold Bug Showing - Detail in Figure 6

Saddle VLF Grid

LEGEND

- Topographic contour (100 m)
- Treeline
- *Gold - ppb*
- *Sample number*

Gold (ppb)
- > 1000
- 500 - 1000
- 200 - 500
- 50 - 200
- 25 - 50
- < 25

Scale 1:3000

50 0 50 100 150 200 (meters)

NAD83 / UTM zone 8N

37999 YUKON INC.	
DEET PROPERTY **Figure 5 - Sample locations & gold results**	
NTS: 105 E08 Datum: NAD83 Job: 379-9527-YT	District: Whitehorse Projection: UTM Zone 8N Date: 10 Jan 10
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10.0 GEOCHEMICAL SURVEYS

This section describes the results of geochemical surveys performed on the property to date. As of the completion of the work program described in this report, a total of 84 soil samples and 23 rock samples were collected and analyzed during the 2009 program.

10.1 Procedures

Mineralization identified to date on the DEET Property is directly indicated by anomalous responses in Au, Ag, Pb, Te, Hg and Sb. In addition, mariposite alteration may be found with this style of mineralization indicated by elevated Cr.

Geochemical data processing consisted of the following procedures, described in Grunsky (2007), and applied to the elements described above:

1. Analyses below the detection limit were assigned values equal to one half the detection limit.

2. Statistical analysis (univariate analysis) was performed including calculation of the following parameters:

    Mean
    Median
    Standard deviation
    Min / max
    Population description

3. Covariance analysis was performed on both the rock and soil sample data sets. From the rock sample covariance analysis, a suite of target and pathfinder elements were selected for subsequent analysis.

4. Soil sample bubble plots of the selected elements were plotted. Where the data was not heavily left censored, bin thresholds were based on the following statistical limits:

    98^{th} percentile
    95^{th} percentile
    75^{th} percentile
    50^{th} percentile
    25^{th} percentile

5. Principal component analysis was performed on the soil sample data set

and those components with a strong gold association were plotted in colour contour format.

10.2 Univariate analysis - Rock samples

Rock sample analyses and statistics are compiled in Appendix E. Rock sample statistical analysis is contained in *Rocks-stats.xls* in the archive on the appended CD-ROM. The table below summarizes the results of the rock sample univariate analysis:

Element	Average	Median	Standard Deviation	Min	Max	Distribution
Au_ppb	1045	90	3085	10	14005	Left censored, outliers
Ag_ppm	10.0	2.4	13.0	0.0	31.0	Left censored, outliers
Hg_ppb	4012	135	12338	3	47170	Left censored, outliers
Bi_ppm	50.18	0.54	138.30	0.00	648.20	Left censored, outliers
Cd_ppm	0.66	0.39	1.19	0.02	5.83	Left censored, outliers
Pb_ppm	1673.78	29.74	3052.57	3.93	10001.00	Left censored, outliers
Te_ppm	9.44	0.42	28.55	0.00	134.30	Left censored, outliers
Sb_ppm	144.90	3.76	446.97	0.14	2001.00	Left censored, outliers
As_ppm	197.6	28.2	423.6	0.3	1800.0	Left censored, outliers
Se_ppm	3.8	0.9	7.3	0.0	28.3	Left censored, outliers
U_ppm	0.8	0.5	0.8	0.0	2.8	Left censored, positive skew
Cr_ppm	174.5	203.5	72.3	9.0	282.5	Left censored, negative skew
Cu_ppm	559.6	92.9	843.3	4.3	3197.0	Left censored, positive skew
Al_pt	0.30	0.13	0.38	0.02	1.53	Left censored, positive skew
Ba_ppm	342.9	126.5	433.6	16.5	1476.0	Positive skew
Ca_pt	1.17	0.15	2.24	0.00	10.00	Left censored, positive skew
Co_ppm	10.0	5.8	11.6	0.7	43.6	Positive skew
Fe_pt	2.36	1.59	2.07	0.39	8.31	Positive skew
Ga_ppm	1.3	0.4	1.9	0.1	8.4	Left censored, positive skew
K_pt	0.03	0.03	0.04	0.00	0.15	Discretized, positive skew
La_ppm	2.6	0.0	4.0	0.0	13.5	Left censored, positive skew
Mg_pt	0.24	0.05	0.34	0.00	1.35	Left censored, positive skew
Mn_ppm	494	340	715	27	2876	Left censored, positive skew
Mo_ppm	2.63	0.78	8.41	0.36	41.18	Left censored, outliers
Na_pt	0.054	0.041	0.027	0.036	0.147	Left censored, positive skew
Ni_ppm	17.4	8.9	26.9	2.4	135.4	Positive skew, outlier
P_ppm	231	77	391	12	1462	Left censored, positive skew, outlier
S_pt	0.34	0.08	0.45	0.01	1.60	Left censored, outliers
Sc_ppm	2.5	1.5	2.5	0.0	8.8	Positive skew, outlier
Sr_ppm	19.8	7.0	25.8	1.0	108.0	Positive skew, outlier

Th_ppm	1.3	0.2	2.7	0.0	11.5	Positive skew, outlier
Ti_pt	0.024	0.005	0.061	0.001	0.260	Left censored, outliers
Tl_ppm	0.10	0.00	0.38	0.00	1.82	Left censored, positive skew
V_ppm	16	8	35	0	168	Positive skew
W_ppm	3.7	0.2	16.0	0.0	77.2	Left censored
Zn_ppm	44.0	24.5	49.2	6.0	179.9	Left censored, outliers

10.3 Covariance analysis - rock samples

Rock sample covariance (Pearson [n]) was calculated using the XLSTAT package for Au and Ag and is summarized in the table below:

Element	Au	Ag
Au	**1**	0.520
Ag	0.520	**1**
Te	0.992	0.518
Sb	0.992	0.467
Bi	0.984	0.574
Cd	0.955	0.451
Hg	0.951	0.504
Pb	0.794	0.852
Se	0.730	0.712
As	0.458	0.069
U	0.387	0.043
Cu	0.148	0.508
Cr	0.135	0.327
S	0.028	-0.026
Tl	-0.056	-0.184
Mo	-0.070	-0.149
W	-0.076	-0.161
Ba	-0.097	0.095
Ti	-0.122	-0.150
Ni	-0.124	-0.268
P	-0.142	-0.242
Th	-0.147	-0.222
V	-0.156	-0.120
Sr	-0.158	-0.268
Ca	-0.171	-0.339
Fe	-0.178	-0.306
K	-0.203	-0.107
Na	-0.205	-0.150
Mn	-0.208	-0.289

Ga	-0.214	-0.092
La	-0.215	-0.334
Zn	-0.217	-0.422
Mg	-0.225	-0.064
Al	-0.232	-0.051
Sc	-0.248	-0.161
Co	-0.255	-0.349

It is clear from this analysis that the geochemical signature of rocks with anomalous gold is transitional epithermal to upper mesothermal with Te, Sb, Bi, Cd and Hg displaying the strongest correlation with gold.

10.4 Univariate analysis - Soil samples

Soil sample analyses are compiled in Appendix F. Soil sample statistical analysis is contained in *Soils-stats.xls* in the archive on the appended CD-ROM. The table below summarizes the results of the rock sample univariate analysis:

Element	Mean	Median	Standard deviation	Min	Max	Distribution
Au_ppb	7.5	2.6	18.2	0.0	151.3	Left censored, positive skew, outliers
Ag_ppm	0.0	0.0	0.1	0.0	0.8	Left censored, positive skew, outliers
Bi_ppm	0.2	0.2	0.1	0.0	0.4	Normal, discretized
Sb_ppm	2.4	1.2	4.2	0.2	36.0	Left censored, normal with outliers
Pb_ppm	13.5	7.8	25.9	3.7	237.6	Positive skew, outliers
As_ppm	76.2	30.0	117.0	3.3	794.0	Left censored, positive skew, outliers
Cd_ppm	0.1	0.0	0.3	0.0	2.4	Left censored, positive skew, outliers
Hg_ppm	0.04	0.03	0.04	0.00	0.29	Normal with outliers
Mo_ppm	0.6	0.6	0.3	0.2	1.7	Normal, discretized, outliers
Cu_ppm	18.9	16.6	8.3	4.0	47.1	Two populations, positive outlier
Zn_ppm	47	42	42	21	412	Normal with positive outliers
Ni_ppm	17.4	16.7	4.8	7.5	33.1	Normal, positive skew
Co_ppm	9.5	9.3	2.7	4.1	16.8	Normal, positive skew
Mn_ppm	392	359	172	182	1477	Two populations, positive outlier
Fe_pt	2.5	2.5	0.5	1.6	5.4	Normal, positive skew, outlier
U_ppm	0.9	0.9	0.5	0.6	4.5	Normal, positive skew, outlier
Th_ppm	1.7	1.6	0.9	0.3	5.0	Normal, positive skew
Sr_ppm	10	9	3	5	29	Normal with outliers
V_ppm	41	40	9	27	76	Normal, positive skew, outlier
Ca_pt	0.13	0.11	0.10	0.05	0.94	Left censored, positive skew, outliers
P_pt	0.047	0.042	0.016	0.024	0.108	Normal, positive skew
La_ppm	11	11	3	5	24	Normal with outliers

Cr_ppm	26	25	7	15	56	Two populations, positive skew
Mg_pt	0.65	0.60	0.24	0.19	1.86	Normal, positive skew
Ba_ppm	93	74	65	43	557	Left censored, positive skew, outliers
Ti_pt	0.058	0.053	0.028	0.010	0.137	Normal, positive skew
B_ppm	0	0	0	0	0	Left censored
Al_pt	1.24	1.22	0.24	0.65	2.26	Normal with outliers
Na_pt	0.006	0.006	0.001	0.003	0.012	Normal
K_pt	0.13	0.10	0.08	0.05	0.48	Normal, positive skew, outlier
W_ppm	0.6	0.4	0.9	0.0	5.9	Left censored, positive skew, outliers
Sc_ppm	2.1	1.9	0.8	0.9	6.5	Normal, positive skew, outlier
Tl_ppm	0.1	0.1	0.1	0.0	0.3	Discretized, positive skew
S_pt	0.00	0.00	0.02	0.00	0.10	Left censored, outliers
Ga_ppm	4	4	1	3	10	Discretized, normal, outliers
Se_ppm	0.1	0.0	0.2	0.0	0.8	Left censored, outliers

10.5 Covariance analysis - soil samples

Soil sample covariance (Pearson [n]) was calculated using the XLSTAT package for Au and Ag and is summarized in the table below:

Element	Au	Ag
Au_ppb	**1**	0.773
Ag_ppm	0.773	**1**
Zn_ppm	0.898	0.779
U_ppm	0.876	0.813
Hg_ppm	0.862	0.780
Cd_ppm	0.858	0.801
Pb_ppm	0.854	0.807
Sb_ppm	0.837	0.764
As_ppm	0.826	0.809
Mn_ppm	0.814	0.673
Fe_pt	0.706	0.635
Cu_ppm	0.530	0.517
Ba_ppm	0.523	0.422
Co_ppm	0.463	0.398
Mo_ppm	0.433	0.372
Sc_ppm	0.409	0.335
Tl_ppm	0.268	0.229
Sr_ppm	0.250	0.178
Ca_pt	0.240	0.150
P_pt	0.227	0.155
W_ppm	0.221	0.222

S_pt	0.217	0.187
V_ppm	0.178	0.135
Th_ppm	0.141	0.028
Ni_ppm	0.109	0.210
La_ppm	0.096	0.224
K_pt	-0.043	-0.155
Bi_ppm	-0.056	0.087
Cr_ppm	-0.095	-0.114
Na_pt	-0.115	-0.054
Al_pt	-0.130	-0.114
Mg_pt	-0.133	-0.222
Ti_pt	-0.288	-0.376

It is clear that Zn, U, Cd, Sb, Hg and Pb show the strongest correlation with gold in the soil data sets. It is interesting that neither U nor Zn show similar correlations with gold in the rock sample data.

10.6 Principal component analysis

Principal component analysis is a statistical technique which extracts trends caused by groups of variables from a multivariate data set. In the case of geochemical data, the principal components or factors are large scale trends caused by groups of element responses in the sample set. On examination, principal components may be attributed to a wide variety of causes including underlying bedrock type, surficial deposit type, hydromorphic dispersion, responses from bedrock mineralization and human factors such as sample or analytical bias or leveling errors. A central assumption of principal component analysis, often violated with geochemical data, is that the data sets are normally distributed. Frequently, geochemical data is left censored (many values are below detection limits) and does not follow a normal distribution. Log normalizing the sample results can overcome the latter problem and the former can be obviated by making robust estimates of the mean through fitting curve fitting. Despite these problems, principal component analysis has proven to be a useful technique in highlighting geochemical trends associated with bedrock mineralization.

The principal components of the soil sample data set were extracted using the XLSTAT package, running Pearson (n) PCA on the log-normalized soil response data. Full results are contained in the file *Soils - stats.xls* in the digital archive in the appended CD-ROM. The analysis was run to determine the first 32 components of the data set. Three eigenvalues (factors) strongly correlate with gold. F1 accounts for 35% of the variability in the data and gold accounts for 4.2% of the factor response along with strong and balanced contributions from the other pathfinder elements (Zn, U, Hg, Pb, Sb, Cd and As). F6 accounts for 3.8% of the variability in the data and gold accounts for 22% of the factor response along with contributions from Bi, La and W. Factor F11

accounts for 1.5% of the variability and gold accounts for 18% of the factor response along with contributions from Hg, W and Al. The latter suggests this may be a clay fraction response.

Factor F1 is the most significant principal component, explaining the largest proportion of the variability in the data and includes strong contributions from the same elements associated with gold in the bedrock sample analyses. This factor is considered most significant in targeting gold mineralization similar to that at the Gold Bug showing.

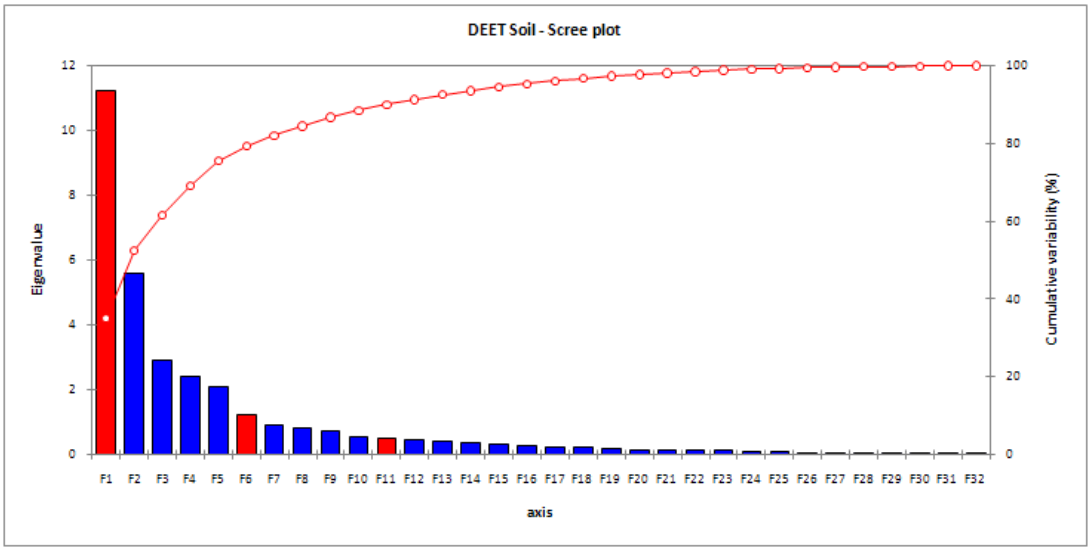


Figure 7. Scree plot of PCA eigenvalues for the DEET soil sample data set. Factors shown in red (F1, F6 and F11) have significant gold contributions. F1 also has strong contributions from Ag, Zn, Pb, Sb and As.

Factor F6 may be a response from a subordinate lithophile and perhaps higher temperature style of gold mineralization associated with W and Bi; it is noteworthy that no silver response is associated with this factor. Factor F11 may be associated with surficial weathering processes given the high Al response.

10.7 Results

Full statistical analyses are contained in the files *Rocks-stats.xls* and *Soils-stats.xls* in the digital data archive on the CD-ROM included with this report. Comparison of the correlation charts for both the rock and soil sample sets suggest that gold response correlates with Ag, Zn, U, Hg, Pb, Sb, Cd and As. Responses for U, Hg and Cd are left censored with many responses below detection limit. In addition, they show little dynamic response range, despite their strong correlation with gold. As a result, Au, Ag, Zn, Pb. Sb and As were selected as suitable elements in the soil response to examine to locate bedrock mineralization. These elements are plotted in bubble plot format in

Figures 8 to 13 respectively.

Bin thresholds were set as summarized in the following table:

Percentile	Au	Ag	Zn	Pb	Sb	As
98%	39.70	0.40	76.00	42.00	12.60	359.00
95%	23.40	0.30	59.00	26.90	5.35	226.00
75%	6.30	0.10	48.00	12.00	3.50	89.00
50%	2.70	0.00	43.00	7.70	1.25	61.00
25%	1.60	0.00	37.00	6.50	0.65	11.10

Principal components correlating with gold (F1, F6 and F11) are colour contour plotted in Figures 14 to 16 respectively.

Of the three PCA factors associated with gold response, Factor F1 is the most significant principal component in the data set. It is the dominant principal component in the geochemical data set and those elements making the most significant contribution to this component also are anomalous in the auriferous rock samples from the Gold Bug Showing. The plot of factor F1 (Figure 14) shows a linear trend on strike with the Gold Bug Showing across the ridge on which the soil grid is centred. This is labeled as the Gold Bug Trend in Figure 14. There is another anomalously high area in the northeast corner of the grid. A coincident Au, Zn, As and Sb anomaly in this location merits additional investigation. Factors F6 and F11 show more diffuse patterns which do not correlate with bedrock gold mineralization.

11.0 VLF-EM SURVEY

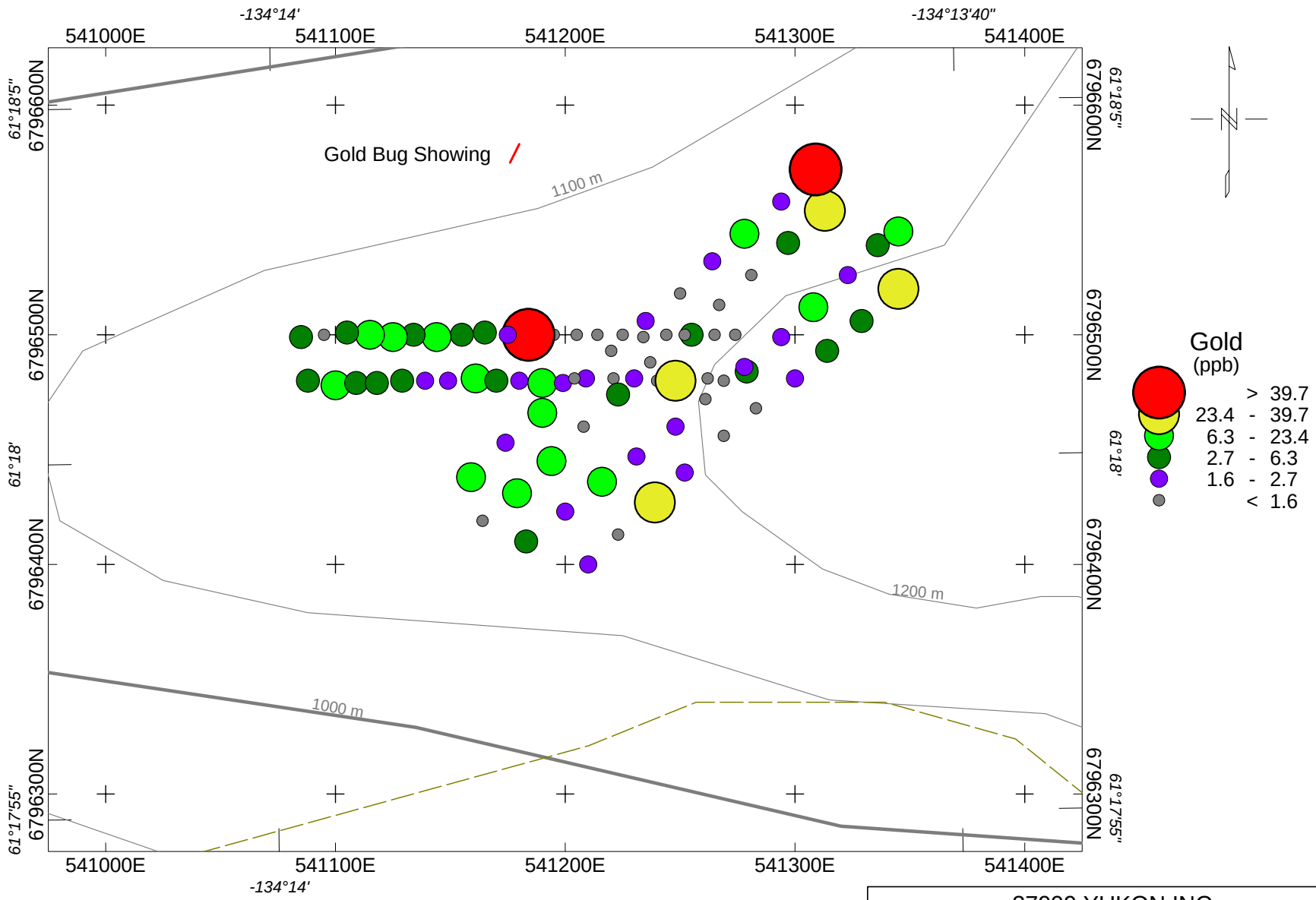
VLF-EM surveys were conducted on two grids. The Gold Bug Grid covered the area of the Gold Bug Showing while the saddle grid covered the area near a prominent topographic break with associated quartz veining on the ridge southeast of the Gold Bug Showing.

11.1 Survey specifications

The VLF-EM survey was conducted according to the following specifications:

Datum: NAD83 Zone 8N UTM (metric)

Station spacing: 20 m



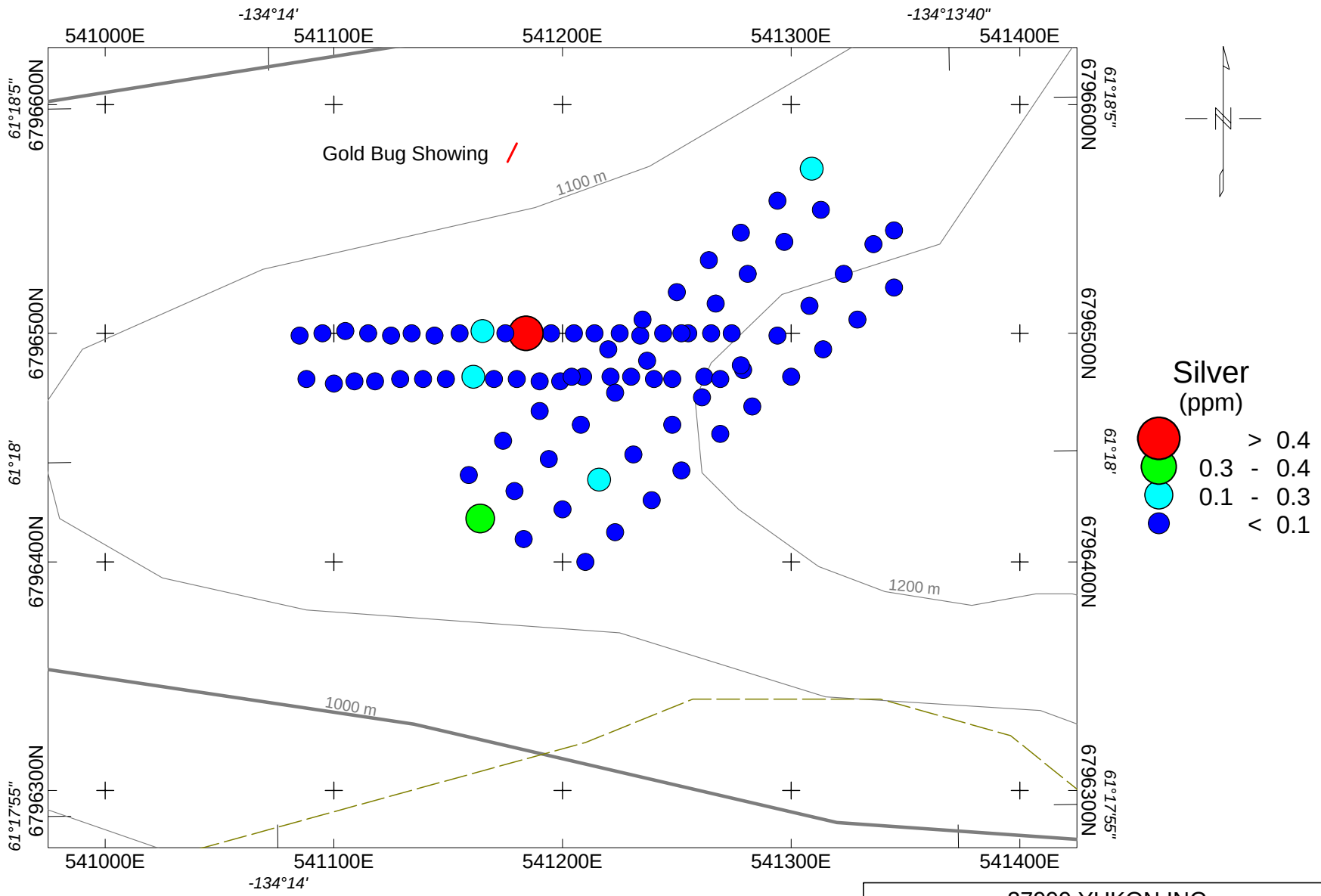
37999 YUKON INC.

DEET PROPERTY
Soil Geochemical Survey
Figure 8 - Gold soil response

NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT

District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09

AURORA GEOSCIENCES LTD.



Scale 1:2500

25 0 25 50 75 100

(meters)

NAD83 / UTM zone 8N

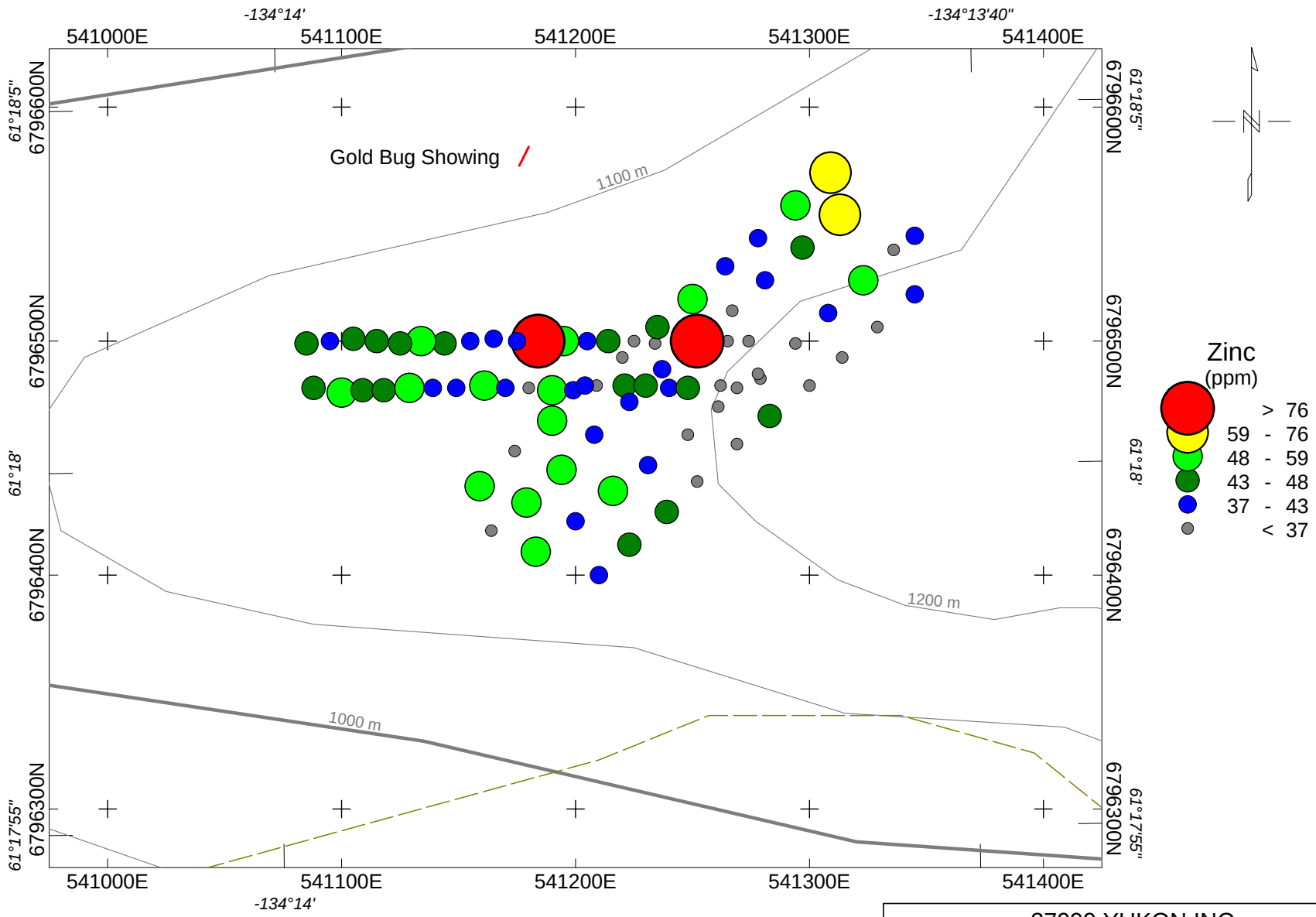
37999 YUKON INC.

DEET PROPERTY
Soil Geochemical Survey
Figure 9 - Silver soil response

NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT

District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09

AURORA GEOSCIENCES LTD.



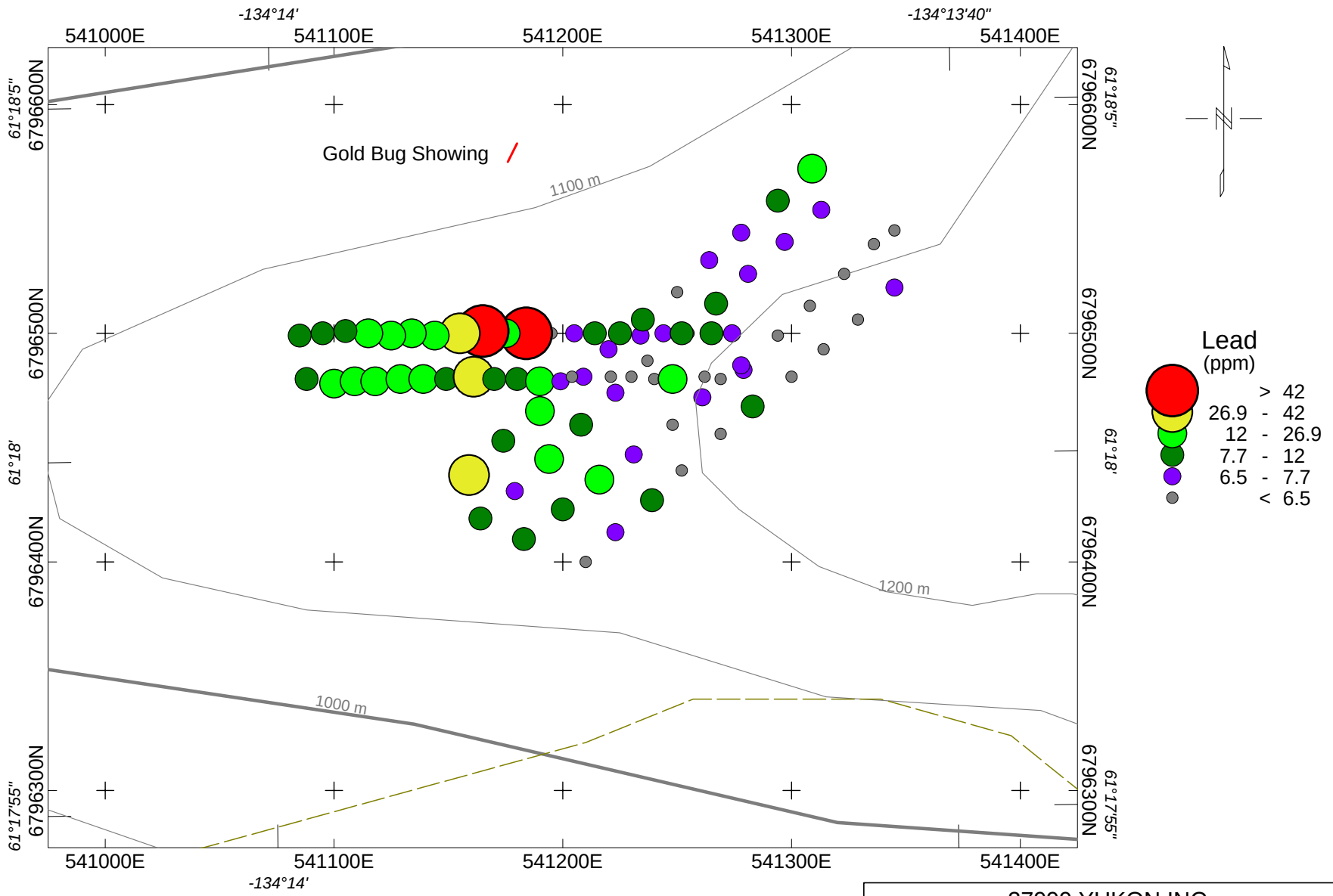
37999 YUKON INC.

DEET PROPERTY
Soil Geochemical Survey
Figure 10 - Zinc soil response

NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT

District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09

AURORA GEOSCIENCES LTD.



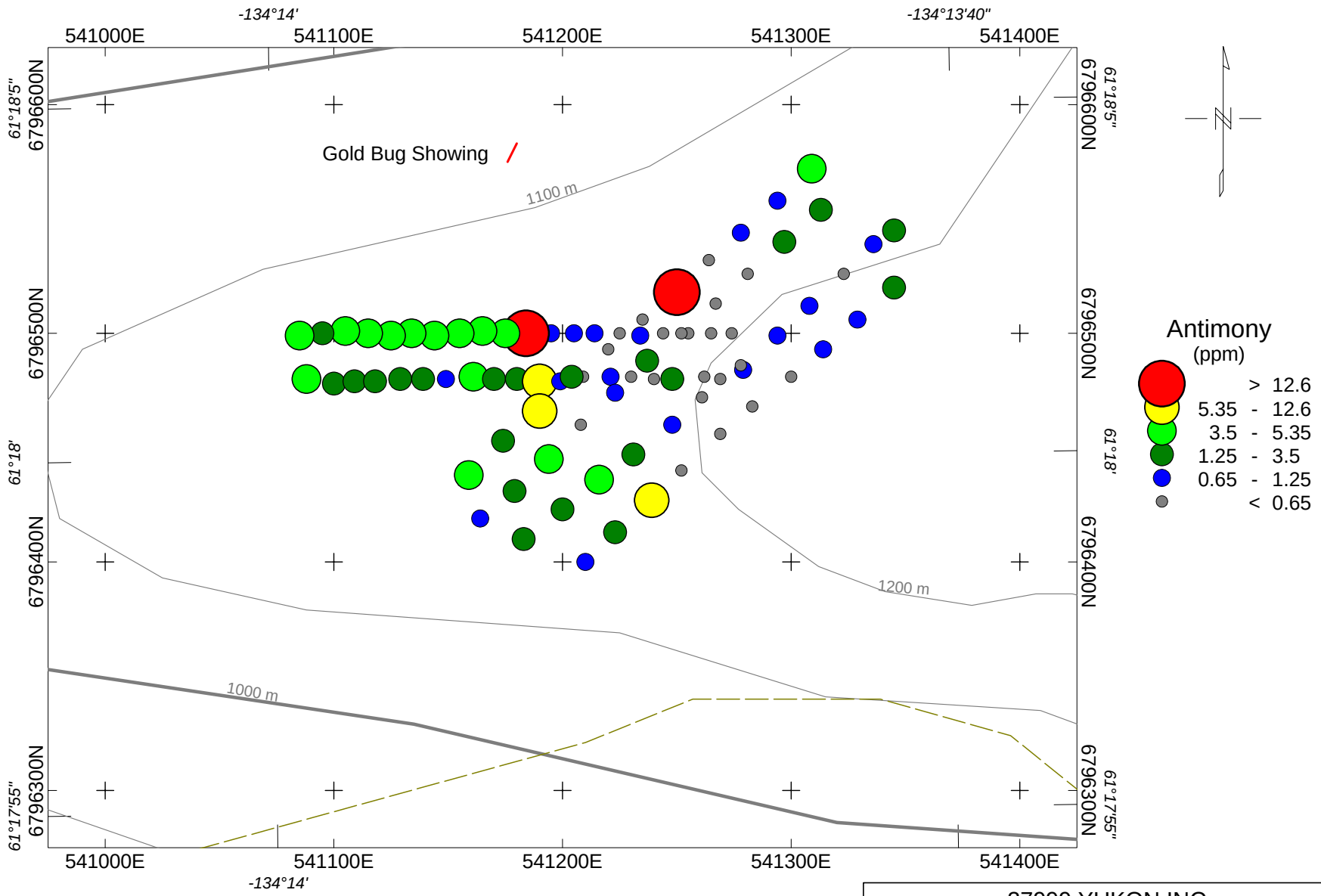
37999 YUKON INC.

DEET PROPERTY
Soil Geochemical Survey
Figure 11 - Lead soil response

NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT

District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09

AURORA GEOSCIENCES LTD.



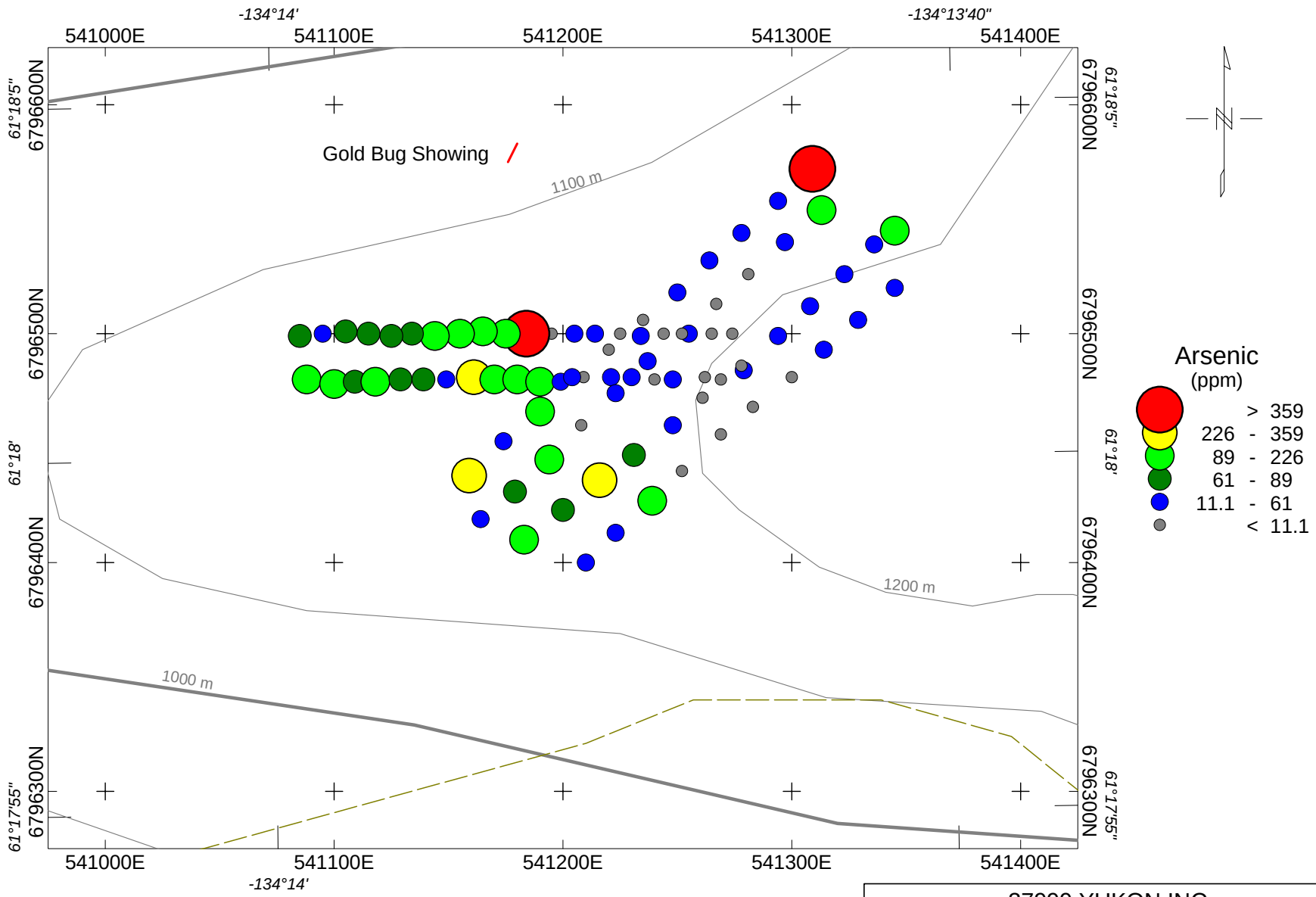
37999 YUKON INC.

DEET PROPERTY
Soil Geochemical Survey
Figure 12 - Antimony soil response

NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT

District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09

AURORA GEOSCIENCES LTD.



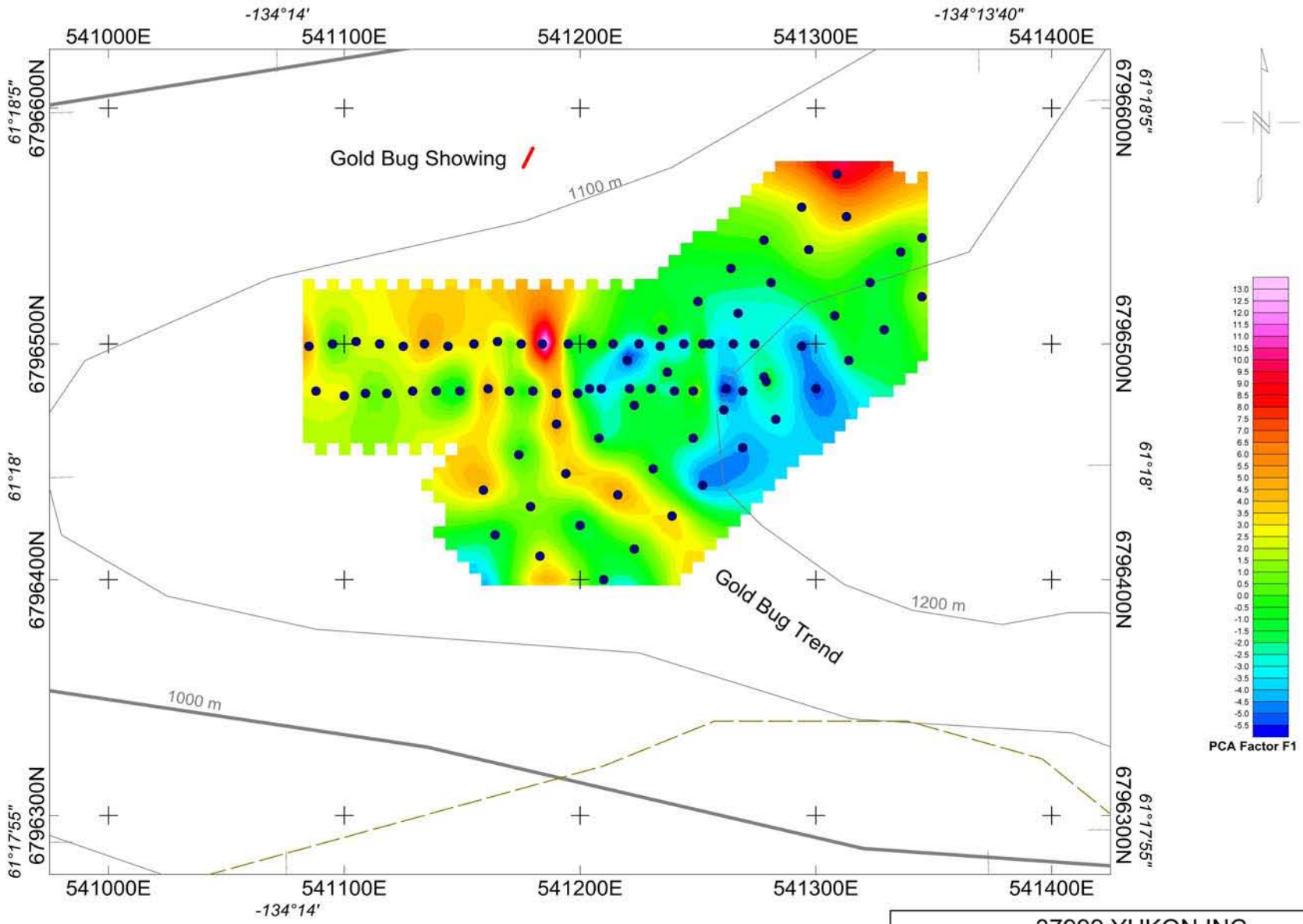
Scale 1:2500

25 0 25 50 75 100

(meters)

NAD83 / UTM zone 8N

37999 YUKON INC.	
DEET PROPERTY **Soil Geochemical Survey** **Figure 13 - Arsenic soil response**	
NTS: 105 E08 Datum: NAD83 Job: 379-9527-YT	District: Whitehorse Projection: UTM Zone 8N Date: 19 Nov 09
AURORA GEOSCIENCES LTD.	



Scale 1:2500

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(meters)

NAD83 / UTM zone 8N

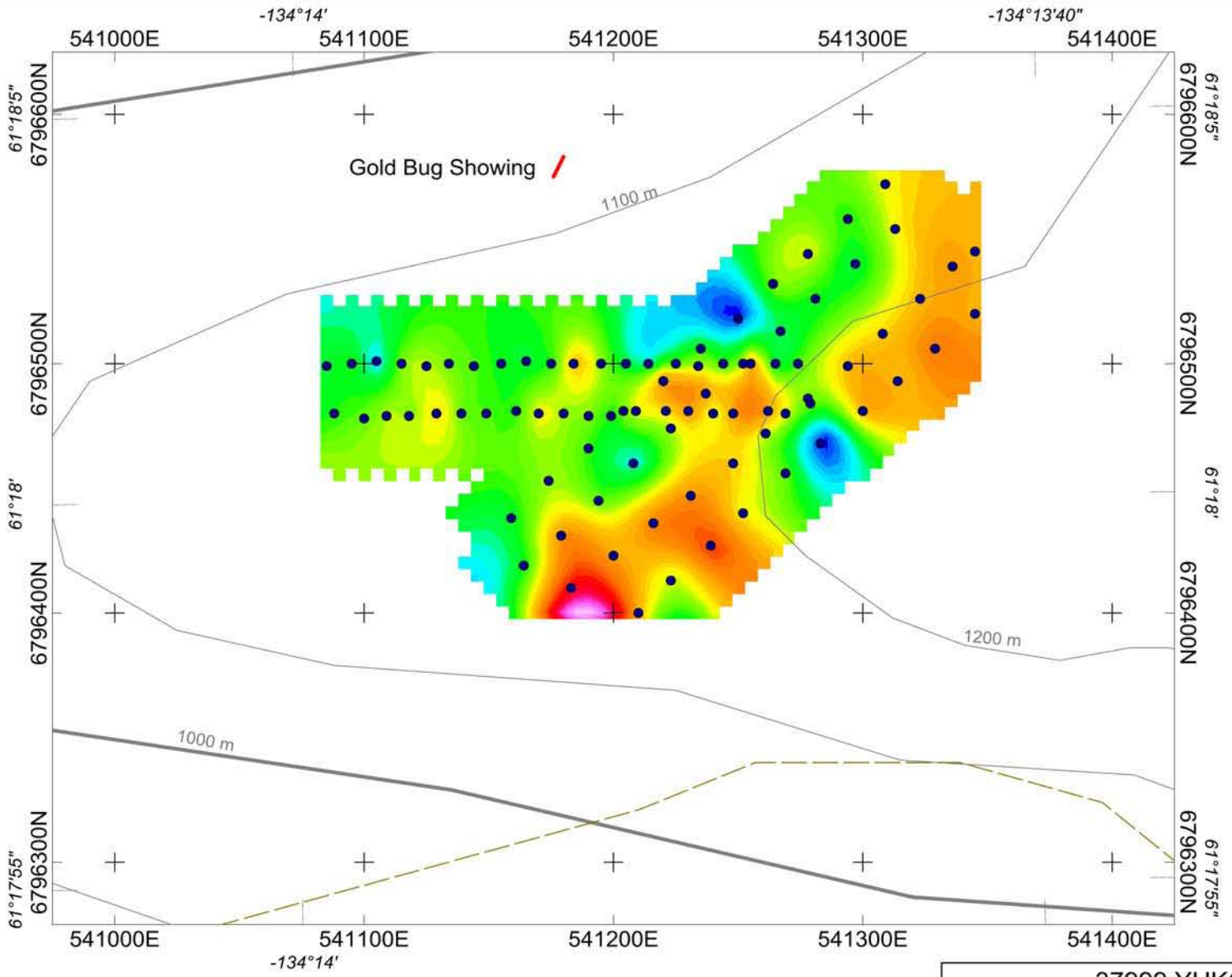
37999 YUKON INC.

DEET PROPERTY
Soil Geochemical Survey
Figure 14 - Principal Component Analysis - Factor 1

NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT

District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09

AURORA GEOSCIENCES LTD.



Scale 1:2500

25 0 25 50 75 100

(meters)

NAD83 / UTM zone 8N

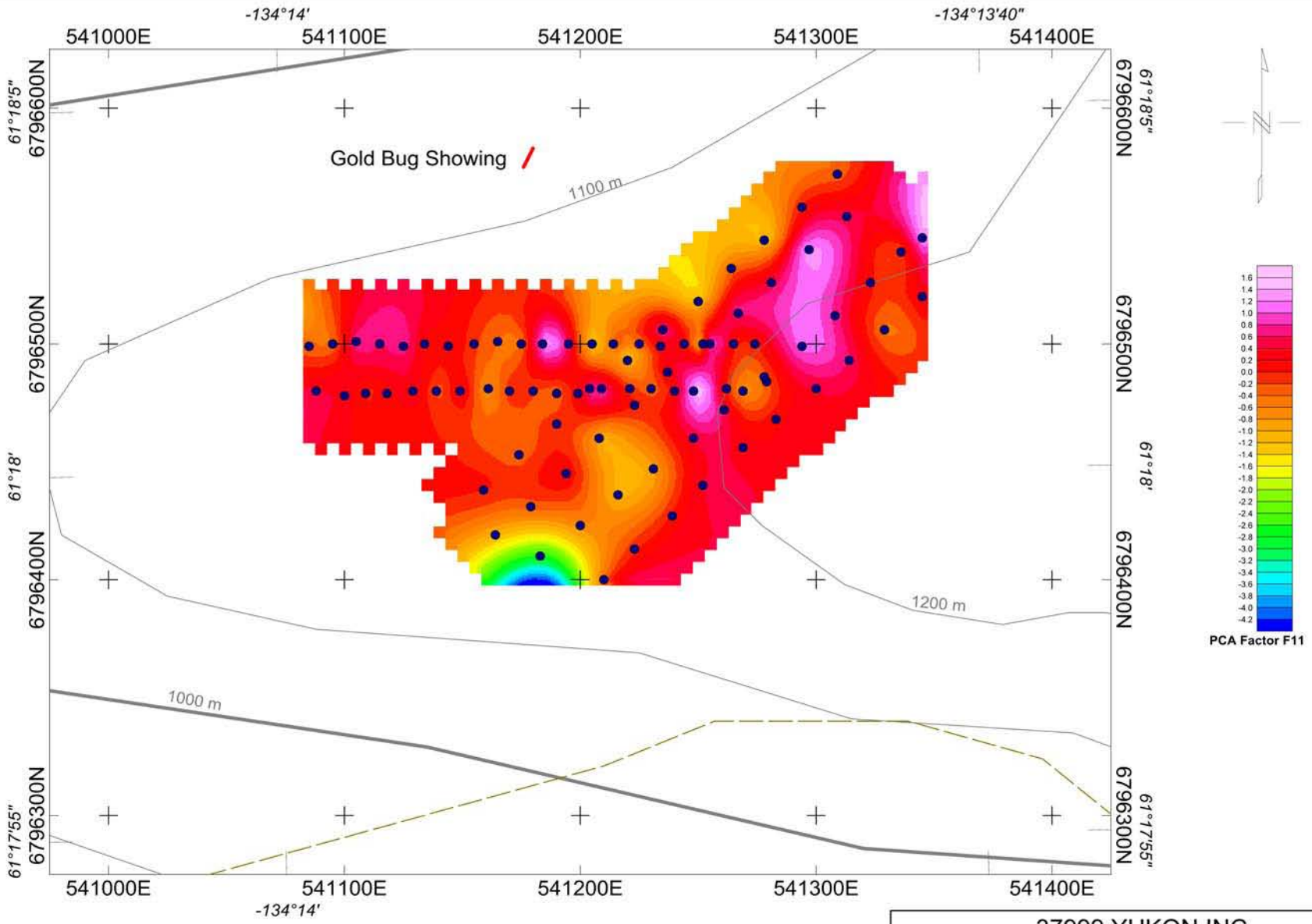
37999 YUKON INC.

DEET PROPERTY
Soil Geochemical Survey
Figure 15 - Principal Component Analysis - Factor 6

NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT

District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09

AURORA GEOSCIENCES LTD.



Scale 1:2500

25 0 25 50 75 100

(meters)

NAD83 / UTM zone 8N

37999 YUKON INC.

DEET PROPERTY
Soil Geochemical Survey
Figure 16 - Principal Component Analysis - Factor 11

NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT

District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09

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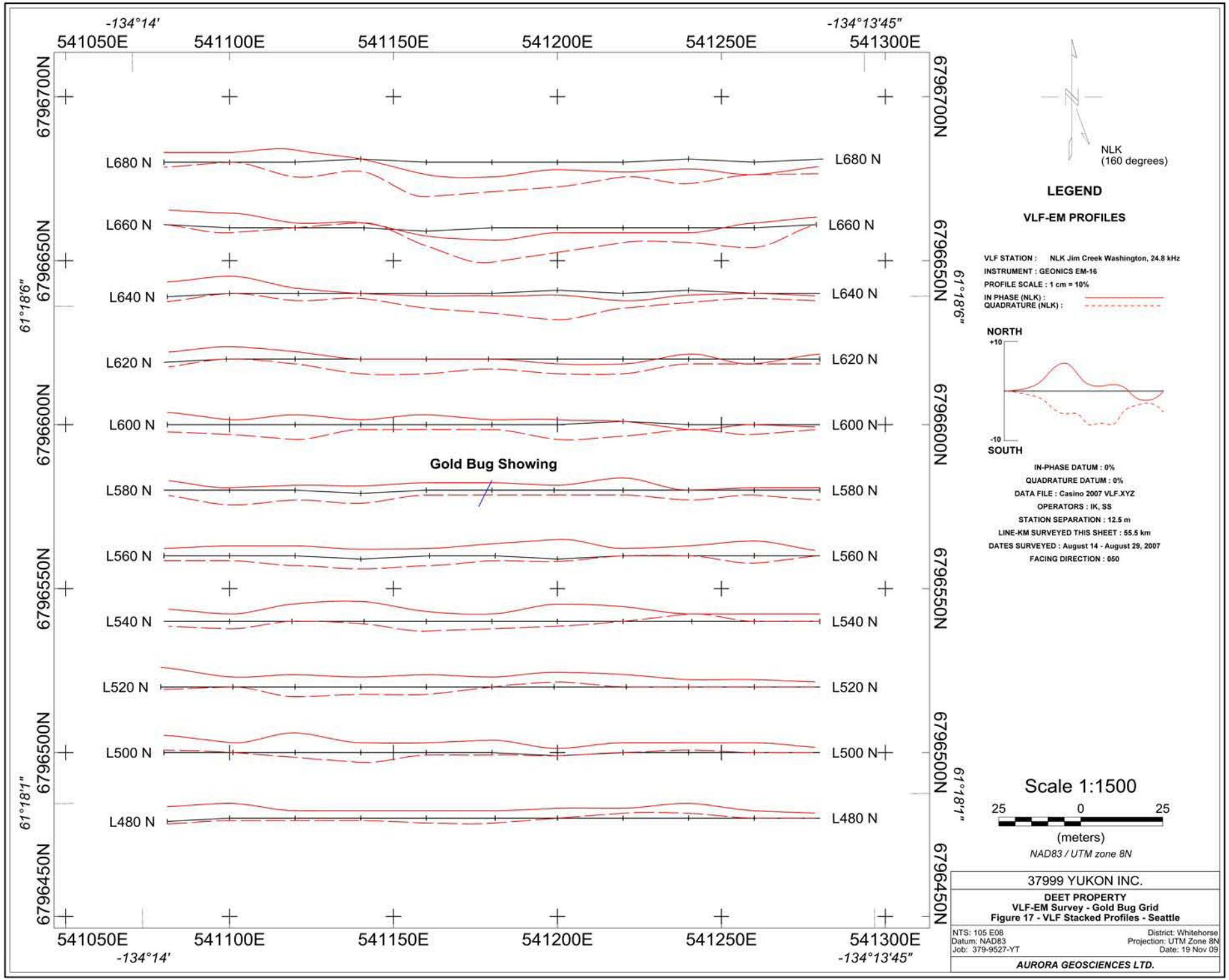
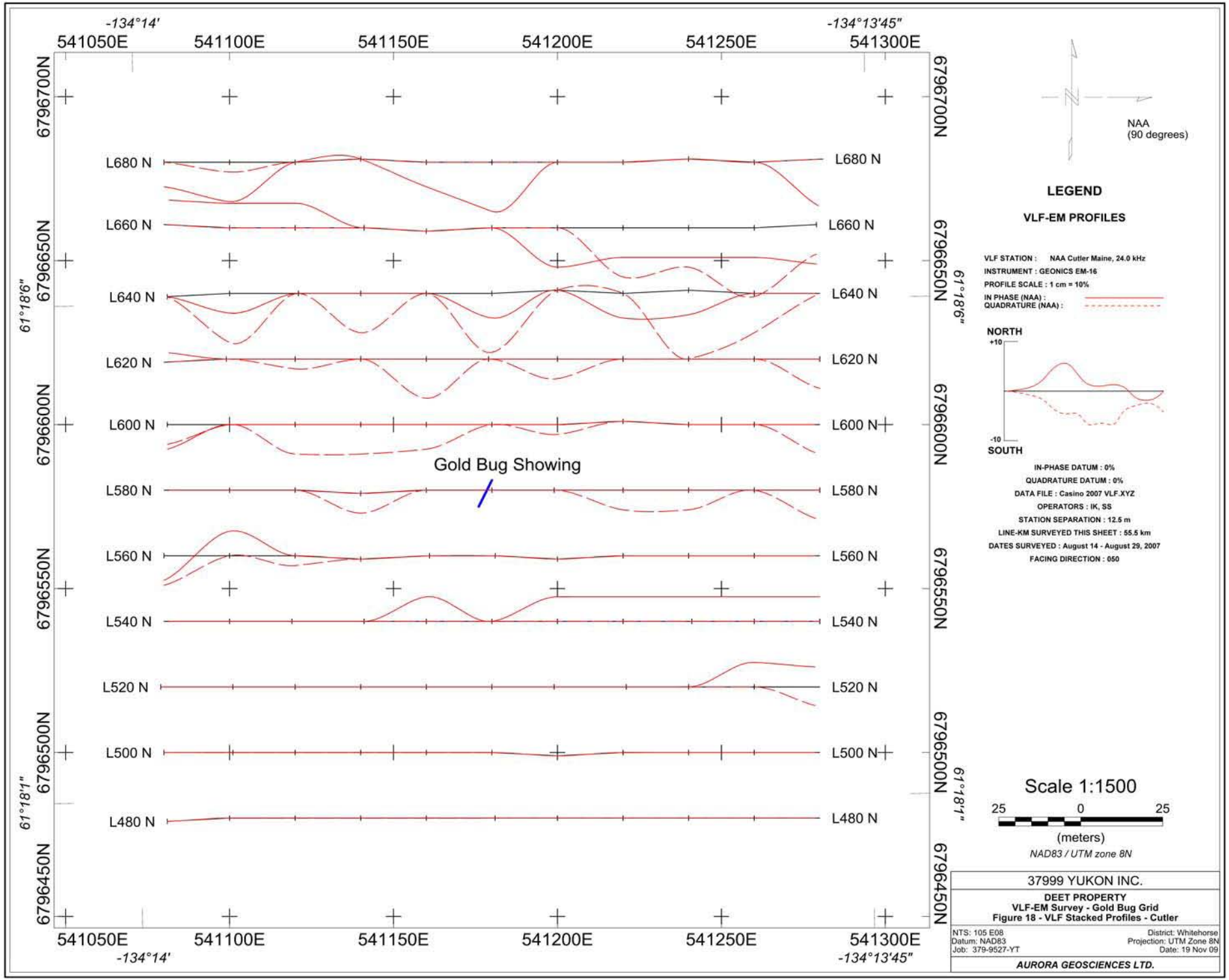
Stations:	Gold Bug:	NAA (Azimuth 90^0) NLK (Azimuth 160^0)
	Saddle:	NLK (Azimuth 160^0)
Facing directions:	Gold Bug:	Grid E
	Saddle:	Grid E
Parameters read:	In-phase (%) Quadrature (%)	

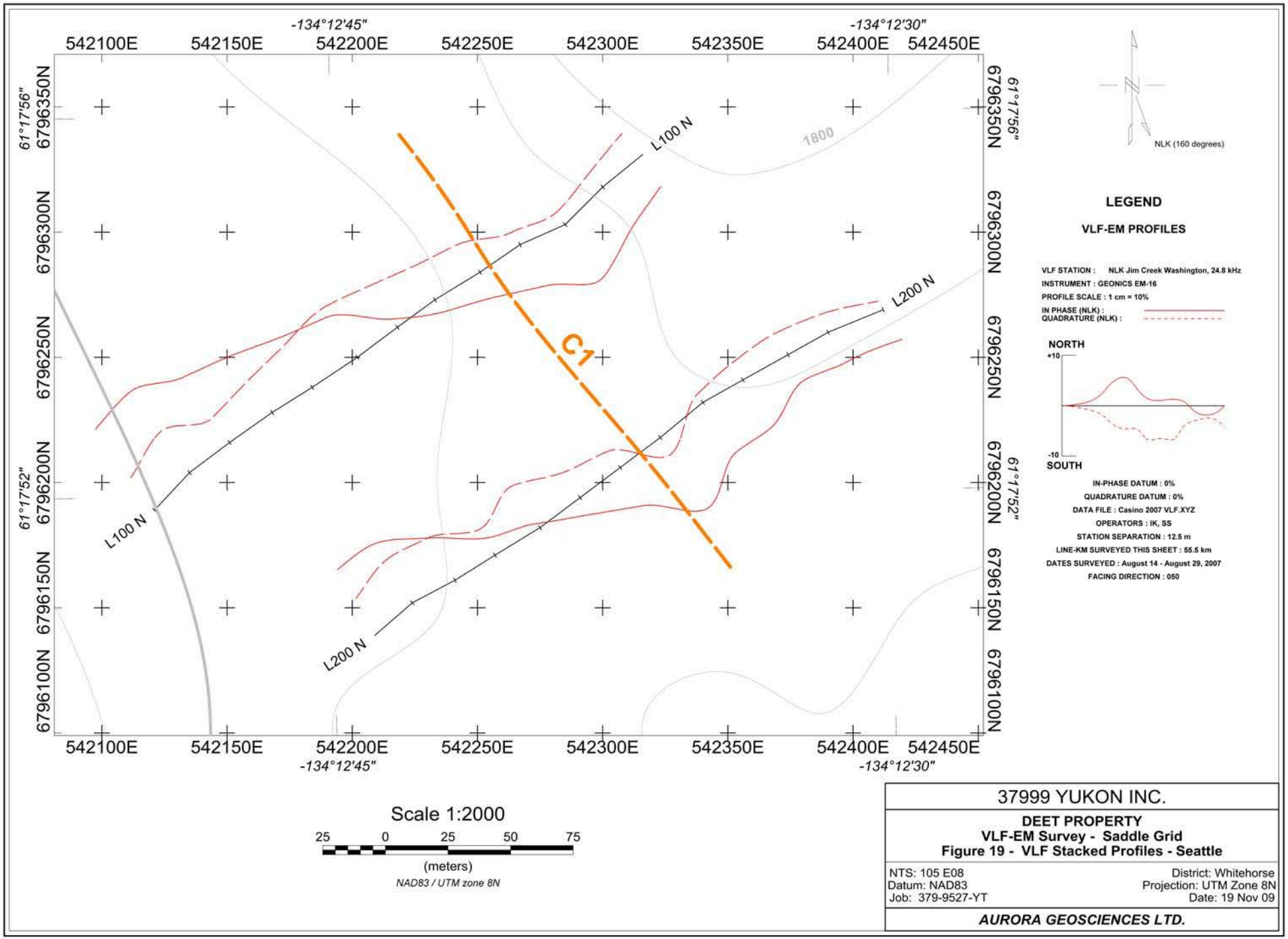
11.2 Results

Results from the VLF-EM survey are plotted in stacked profile format in Figures 17 to 19. On the Gold Bug Grid, there are no significant VLF conductors and no response associated with the showing. On the Saddle Grid, there is a very weak quadrature anomaly (**C1**) at the break in slope.

The results of the VLF-EM survey suggest that the mineralization at the Gold Bug Showing is not detectible with high frequency EM methods.


-134°14'
-134°13'45"
541050E
541100E
541150E
541200E
541250E
541300E
6796700N
6796650N
6796600N
6796550N
6796500N
6796450N
61°18'6"
61°18'1"
L680 N
L660 N
L640 N
L620 N
L600 N
L580 N
L560 N
L540 N
L520 N
L500 N
L480 N
Gold Bug Showing
NLK
(160 degrees)
LEGEND
VLF-EM PROFILES
VLF STATION : NLK Jim Creek Washington, 24.8 kHz
INSTRUMENT : GEONICS EM-16
PROFILE SCALE : 1 cm = 10%
IN PHASE (NLK) :
QUADRATURE (NLK) :
NORTH
+10
-10
SOUTH
IN-PHASE DATUM : 0%
QUADRATURE DATUM : 0%
DATA FILE : Casino 2007 VLF.XYZ
OPERATORS : IK, SS
STATION SEPARATION : 12.5 m
LINE-KM SURVEYED THIS SHEET : 55.5 km
DATES SURVEYED : August 14 - August 29, 2007
FACING DIRECTION : 050
Scale 1:1500
25
0
25
(meters)
NAD83 / UTM zone 8N
37999 YUKON INC.
DEET PROPERTY
VLF-EM Survey - Gold Bug Grid
Figure 17 - VLF Stacked Profiles - Seattle
NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT
District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09
AURORA GEOSCIENCES LTD.


-134°14'
-134°13'45"
541050E
541100E
541150E
541200E
541250E
541300E
6796700N
6796650N
6796600N
6796550N
6796500N
6796450N
61°18'6"
61°18'1"
L680 N
L660 N
L640 N
L620 N
L600 N
L580 N
L560 N
L540 N
L520 N
L500 N
L480 N
Gold Bug Showing
NAA
(90 degrees)
LEGEND
VLF-EM PROFILES
VLF STATION : NAA Cutler Maine, 24.0 kHz
INSTRUMENT : GEONICS EM-16
PROFILE SCALE : 1 cm = 10%
IN PHASE (NAA) :
QUADRATURE (NAA) :
NORTH
+10
-10
SOUTH
IN-PHASE DATUM : 0%
QUADRATURE DATUM : 0%
DATA FILE : Casino 2007 VLF.XYZ
OPERATORS : IK, SS
STATION SEPARATION : 12.5 m
LINE-KM SURVEYED THIS SHEET : 55.5 km
DATES SURVEYED : August 14 - August 29, 2007
FACING DIRECTION : 050
Scale 1:1500
25
0
25
(meters)
NAD83 / UTM zone 8N
37999 YUKON INC.
DEET PROPERTY
VLF-EM Survey - Gold Bug Grid
Figure 18 - VLF Stacked Profiles - Cutler
NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT
District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09
AURORA GEOSCIENCES LTD.



37999 YUKON INC.

DEET PROPERTY
VLF-EM Survey - Saddle Grid
Figure 19 - VLF Stacked Profiles - Seattle

NTS: 105 E08
Datum: NAD83
Job: 379-9527-YT

District: Whitehorse
Projection: UTM Zone 8N
Date: 19 Nov 09

AURORA GEOSCIENCES LTD.

12.0 CONCLUSIONS

The results of prospecting, geological mapping and geochemical surveys conducted to date on the DEET Property support the following conclusions:

a. Significant gold mineralization occurs with galena, pyrite, chalcopyrite and sphalerite in a north trending gold vein (Gold Bug Showing). Best assays from grab samples of vein material were 14 g/t Au.

b. There is no significant VLF-EM response associated with the gold showing and the vein does not appear to be a conductor even at high EM frequencies.

c. The soil grids were established peripheral to the showing and along adjacent ridges. Elevated gold, silver, lead, zinc, antimony and arsenic responses occur up-slope from the showing along a ridge. There is evidence of down-slope dispersion in the mobile elements and lead along the ridge line. This may be due in part to glacial processes.

d. Principal component analysis of the soil geochemical data set reveals a strong trend in the most significant of the factors. Factor F1 is the dominant factor in the data set, explaining 35% of the variability and is dominated by responses from gold and the associated metals found in the vein material at the Gold Bug Showing.

e. Soil geochemistry and prospecting appear to be the most useful tools for locating additional mineralization similar to that found at the Gold Bug Showing. This approach will be most successful along ridge lines where residual soils are well developed and where down slope dispersion is minimal.

13.0 RECOMMENDATIONS

The following recommendations, based on the conclusions of this report are made for additional work on this property:

a. The Gold Bug Showing should be soil sampled along a grid with a N-S trending baseline. The southern limit of the grid should be the limit of the current grid along the ridge line and the northern limit should be Martin Creek. Soil samples should be collected at stations spaced no more than 10 m apart.

b. The Gold Bug Showing should be trenched to bedrock at locations based upon an interpretation of the soil geochemical survey results. Blast and hand trenching would appear to be the most appropriate tools given the presence of abundant blocky talus in the showing area.

c. The property should be expanded to the north to cover the Livingstone Creek drainage.

d. Additional prospecting and soil sampling should be conducted to locate similar mineralization elsewhere on the property. The area in the NE corner of the soil grid should be given first priority. Consideration should be given to using a portable XRF analyzer to conduct the soil survey, analyzing for Pb, Zn, Sb and As as proxies for gold in this setting. Soil traverse lines should be run along contour lines along E-W trending ridges to capture responses from N-S trending structures.

Respectfully submitted,
AURORA GEOSCIENCES LTD.

Mike Power M.Sc. P.Geo.
Geologist

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Lebarge, W.P. (2002). Yukon Placer Database 2002. INAC: Exploration and Geological Services Division.

APPENDIX A. CERTIFICATE

I, Michael Allan Power, M.Sc. P.Geo., P.Geoph., with business and residence addresses in Whitehorse, Yukon Territory do hereby certify that:

1. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (registration number 21131) and a professional geophysicist registered by the Northwest Territories Association of Professional Engineers, Geologists and Geophysicists (licensee L942).

2. I am a graduate of the University of Alberta with a B.Sc. (Honours) degree in Geology obtained in 1986 and a M.Sc. in Geophysics obtained in 1988.

3. I have been actively involved in mineral exploration the Northern Cordillera since 1988.

Dated this 4th day of February, 2010 in Whitehorse, Yukon.

Respectfully Submitted,

Michael A. Power M.Sc. P. Geoph.

APPENDIX B. SURVEY LOG

AURORA GEOSCIENCES

DEET Property
2009 Geological Investigation
Survey Log

Survey crew:

Dave White, P.Geol.
Crew Chief
3506 McDonald Drive
Yellowknife, NT X1A 2J3

Andrew Strain
Prospector
34A McDonald Road
Whitehorse, YT Y1A 5Y9

04 Aug 09	Mobilization to DEET Property.
05 Aug 09	Establish survey grid along claim lines, tagged claims, mapping, pro
06 Aug 09	Mapping & prospecting
07 Aug 09	Mapping & prospecting
08 Aug 09	VLF Survey - Bug Showing, local mapping
09 Aug 09	VLF Survey -Bug Showing, sampling, mapping, prospecting
10 Aug 09	Weather day - several inches of snow
11 Aug 09	Mapping & prospecting
12 Aug 09	Demobe

APPENDIX C. STATEMENT OF COSTS

DEET PROPERTY - 2009 EXPLORATION PROGRAM EXPENDITURES

Prep, mobe & demobe		
Research, logistics, map preparation	$1,500.00	
Crew & equipment preparation:	$340.00	
Total charges:	*$1,840.00*	$1,840.00
Field operations		
Crew chief: D.White: 7 days @ $550	$3,850.00	
Prospector: A.Strain: 7 days @ $450	$3,150.00	
Camp: 7 days @ $115	$805.00	
Geological equipment (GPS, radios, SAT phone, PPC, tools): 7 days @ $50	$350.00	
VLF-EM EM-16: 7 days @ $35	$245.00	
Total charges:	*$8,400.00*	$8,400.00
Supplies & services		
Assays	$2,771.97	
Fixed wing air charter	$771.38	
Helicopter air charter	$3,659.37	
Staking supplies	$58.20	
SAT phone time	$123.08	
Groceries	$263.65	
Total - Supplies & services	*$7,647.65*	$7,647.65
Report		
Report preparation & drafting	$3,500.00	$3,500.00
Total project expenditures:		$21,387.65

APPENDIX D. GEOLOGICAL MAPPING & PROSPECTING OBSERVATIONS

DAVE WHITE - STATION NOTES

Station	Sample	Lab_Sample	GPS_station	Easting	Northing	Elevation	Photo
Stn 540			540	540474	6796460	1465.6	
Stn 541			541	540569	6796581	1520	
Stn 539	AS034		539	540740	6796365	1552.4	
Stn 538			538	540805	6796309	1553.4	
Stn 537			537	540824	6796241	1540.6	
Stn 542			542	540924	6796486	1607.7	
Stn 522			522	540925	6796671	1584.6	
Stn 014	Showing 1		14	541173	6796592	1613.4	
Stn 521			521	541271	6796542	1632.2	

Station	Sample	Lab_Sample	GPS_station	Easting	Northing	Elevation	Photo
Stn 536			536	541324	6795645	1605.5	2001-2002
Stn 520			520	541357	6796731	1611.5	
Stn 519	DW014		519	541372	6796762	1601.2	
Stn 518			518	541467	6796742	1628.3	
Stn 514			514	541512	6796754	1625.2	
Stn 513			513	541515	6796750	1638.2	
	DW009			541515	6796750	1638.2	
	DW010	55709		541515	6796750	1638.2	
	DW011			541515	6796750	1638.2	
	DW012			541515	6796750	1638.2	
Stn 535			535	541536	6795704	1613.9	1982-1997
Stn 535			535	541536	6795704	1613.9	1982-1986
Stn 535			535	541536	6795704	1613.9	1987-1993
Stn 535			535	541536	6795704	1613.9	1996-1997
Stn 515			515	541538	6796786	1626.4	

Station	Sample	Lab_Sample	GPS_station	Easting	Northing	Elevation	Photo
Stn 536			536	541324	6795645	1605.5	2001-2002
Stn 520			520	541357	6796731	1611.5	
Stn 519	DW014		519	541372	6796762	1601.2	
Stn 518			518	541467	6796742	1628.3	
Stn 514			514	541512	6796754	1625.2	
Stn 513			513	541515	6796750	1638.2	
	DW009			541515	6796750	1638.2	
	DW010	55709		541515	6796750	1638.2	
	DW011			541515	6796750	1638.2	
	DW012			541515	6796750	1638.2	
Stn 535			535	541536	6795704	1613.9	1982-1997
Stn 535			535	541536	6795704	1613.9	1982-1986
Stn 535			535	541536	6795704	1613.9	1987-1993
Stn 535			535	541536	6795704	1613.9	1996-1997
Stn 515			515	541538	6796786	1626.4	

Station	Sample	Lab_Sample	GPS_station	Easting	Northing	Elevation	Photo
Stn 517			517	541538	6796812	1619.7	
Stn 512	DW008		512	541555	6796652	1661.8	
Stn 516			516	541556	6796808	1628.8	
Stn 511	DW007		511	541560	6796666	1657.7	
Stn 534			534	541724	6795662	1645.6	1981
Stn 510	DW006		510	541779	6796662	1686.5	
Stn 501	DW001		501	541783	6796556	1694.7	
Stn 502	DW002		502	541792	6796525	1694.7	
Stn 503			503	541925	6796662	1694.9	1886 - 1889
Stn 533			533	541971	6796744	1679.1	
Stn 504			504	542095	6795548	1723	
Stn 523			523	542120	6796443	1719.4	
Stn 524	DW017		524	542143	6796444	1722.1	
Stn 525			525	542282	6796120	1723.5	
Stn 016	Showing 2		16	542335	6796094	1722.6	

Station	Sample	Lab_Sample	GPS_station	Easting	Northing	Elevation	Photo
Stn 016			16	542335	6796094	1722.6	
Stn 531			531	542384	6796787	1724.2	
Stn 530			530	542464	6796762	1737.5	
Stn 526			526	542466	6796012	1703.8	
Stn 529			529	542469	6796627	1766.1	
Stn 505			505	542517	6795993	1682.9	
Stn 508			508	542545	6796704	1744.9	
Stn 506			506	542548	6796170	1696.8	
Stn 507	DW003		507	542552	6796659	1746.8	
Stn 509	DW004		509	542555	6797025	1702.4	
Stn 532			532	542572	6797018	1706.5	
Stn 527			527	542608	6795963	1671.8	
Stn 528			528	542661	6796119	1640.8	
	DW005		528	542661	6796119	1640.8	
	DW015		528	542661	6796119	1640.8	

Station	Sample	Lab_Sample	GPS_station	Easting	Northing	Elevation	Photo
	DW016		528	542661	6796119	1640.8	
			528	542661	6796119	1640.8	2003-2007
			528	542661	6796119	1640.8	2014
			528	542661	6796119	1640.8	2015
			528	542661	6796119	1640.8	2016-2017
			528	542661	6796119	1640.8	2019-2024
			528	542661	6796119	1640.8	2025
	DW050		528	542661	6796119	1640.8	
	DW051		528	542661	6796119	1640.8	
	DW052		528	542661	6796119	1640.8	
			528	542661	6796119	1640.8	2026
			528	542661	6796119	1640.8	2027-2029
			528	542661	6796119	1640.8	2030-2032

Station	Sample_Desc	Station_Desc
Stn 540		Fault, 160/340 subvertical. High (east) side is a silicified zone or massive quartz vein. Dark grey and white massive. Looks gneissic. Likely very silicified tonalite gneiss where all mafics have been 100% silicified. Distinct bands are brecciated where bands have been brecciated. Silicified zone up to 4m thick forming a prominent ridge. Below that is a 2m intensely argillized rock. Very gossanous and weak but lacking and sulphides. most of gossan appears to be related to fine Fe-rich veins as halos to the veins. Further to the east is zone of elevated qtz veins and gneiss with intense gossan staining on surface of qtz. No sulphides (gold?)
Stn 541		altered well banded gC.
Stn 539	cubic (?) in qtz vein. Sampled to identify tarnished sulphide.	qtz vein in rusty gB appears to be a large vein. White, massive, bull qtz with fractures and gossanous along fractures.
Stn 538		some mafic bands altered to chlorite. gB and gC bands that are melanocratic are 100% chloritized. The higher elevation of the east side of this saddle shows scattered outcrop of gB and gC and chl.
Stn 537		chloritizd gC
Stn 542		trench in o/c trending 150-160. qB bt, slumped.
Stn 522		Very finely banded tonalite gneiss. Mm scale banding. Mafic bands have more biotite and are recessive. Minor quartz lenses and veins but considerably fewer quartz veins than that to the east!
Stn 014		sphalerite, galena, malachite, azurite+/- tetrahedrite. Sphalerite >> galena ~10%. Spalerite = mostly massive to semi massive honey bun to locally dark chocolate brown in veins. Weak lustre. Galena- commonly <0.5cm xls, euhedral, bright silver/grey with good cleavage. Knots commonly <1cm in size. All mineralization is qtz vein hosted in the apparent absence of carbonate. Showing located on west side of draw trending ~300 degrees in to a small tributary of Mortin R. Host rock is tonalite gneiss. Abundant quartz float strewn down the slop in wide linear trends. Possibly parallel to trend of draw. All quartz boulders are float - no bedrock source located. Malachite>>azurite commonly of fracture faces or surfaces of rock. They are tr-1% in concentration but commonly indicate the presence of galena and tetrahedrite(?) in sample. Tetrahedrite: unsure of identification. May be a more purple metallic colour and lustre. One location was in direct contact with malachite and azurite and galena. Source of malachite? There appear to be no other copper sulphides.
Stn 521		tonalite gneiss outcrop. Maybe slumped. Same as usual

Station	Sample_Desc	Station_Desc
		slightly sheared outcrop of highly strained gneiss (gC). Well bonded.
Stn 536		
Stn 520		Quartz vein - carbonate and vuggy talus in tonalite gneiss. Talus uphill is much less gossanous boulders like these.
Stn 519	Massive quartz vein found with euhedral terminations on one surface. Quartz crystals are covered with	No sample DW013 (counting error.)
Stn 518		tonalite gneiss. Large boulders in a boulder field/talus slope. Very angular (local)
Stn 514		subcrop calving into tundra on side of hill. Banded to massive sugary qtz horizons - maybe qtzite interbedded/calated with skarn(?) + qtz carbonate veins. Green (light/pale green) crystalline w what looks like calc-silicate minerals (tremolite+actinolite+epidote_ w late calcite veining. Good crystal development. Some of the quartzite beds are biotite bearing and rusty looking ~gossanous. Locally, tr-2% pyrite + other sulphides associated with calcite and quartz veining. Very rusty. Maybe hematite and magnetite associated with skarn - dusseminated, euhedral. All beds/units sugary in texture, except where calc-silicates or calcite or quartz veins
Stn 513		Frostboil. Abundant gneissic rocks and foliated intrusions + well rounded peridotite(?) (bn weathering, correct texture 1-2mm xl-size) and a rounded chl+serp(?) deformed boulder (green w blue/green veining nearly massive on fresh surface with serp g.mass) - no mineralization
		skarn(?) unmineralized, check for magnetite. Examples of epidote and calc-silicates,
	gossan cubes probably py w qtz vein in	Strongly oxidized pyrite in quartz vein. Epidote alteration in host
	Massive pyrite blotches up to 3cm	Strongly oxidized gut can see pyrite. Hosted by calcite vein in accessory amphibole, epidote host. Hoping for other sulphides
	Disseminated pyrite ~5%;	Skarn? Massive pyrite knot at surface associated with amphibole (fibrous)
Stn 535		gossan trend of brecciated gB. Milky subhedral to massive qtz, mafics and angular gB fragments. Very cool. Although no sulphides were found (other than pyrite) there are vug fillings of intensly weathered something, limonite now. WE see this type of weathering commonly where there has been only trace amounts of sphalerite preserved. Unsure if this is a hydrothermal or tectonic breccia. Mostly matrix support. Doesn't appear to be any milling. common euhedral termination of qtz into pore space.
Stn 535		boulders of breccia
Stn 535		macros of breccia
Stn 535		gossan replacement?
Stn 515		~30m to the east, back into the augen schist to tonalite gneiss unit. Rusty patches related to biotite weathering and local horizons of iron oxide (?)

Station	Sample_Desc	Station_Desc
		slightly sheared outcrop of highly strained gneiss (gC). Well bonded.
Stn 536		
Stn 520		Quartz vein - carbonate and vuggy talus in tonalite gneiss. Talus uphill is much less gossanous boulders like these.
Stn 519	Massive quartz vein found with euhedral terminations on one surface. Quartz crystals are covered with	No sample DW013 (counting error.)
Stn 518		tonalite gneiss. Large boulders in a boulder field/talus slope. Very angular (local)
Stn 514		subcrop calving into tundra on side of hill. Banded to massive sugary qtz horizons - maybe qtzite interbedded/calated with skarn(?) + qtz carbonate veins. Green (light/pale green) crystalline w what looks like calc-silicate minerals (tremolite+actinolite+epidote_ w late calcite veining. Good crystal development. Some of the quartzite beds are biotite bearing and rusty looking ~gossanous. Locally, tr-2% pyrite + other sulphides associated with calcite and quartz veining. Very rusty. Maybe hematite and magnetite associated with skarn - dusseminated, euhedral. All beds/units sugary in texture, except where calc-silicates or calcite or quartz veins
Stn 513		Frostboil. Abundant gneissic rocks and foliated intrusions + well rounded peridotite(?) (bn weathering, correct texture 1-2mm xl-size) and a rounded chl+serp(?) deformed boulder (green w blue/green veining nearly massive on fresh surface with serp g.mass) - no mineralization
		skarn(?) unmineralized, check for magnetite. Examples of epidote and calc-silicates,
	gossan cubes probably py w qtz vein in	Strongly oxidized pyrite in quartz vein. Epidote alteration in host
	Massive pyrite blotches up to 3cm	Strongly oxidized gut can see pyrite. Hosted by calcite vein in accessory amphibole, epidote host. Hoping for other sulphides
	Disseminated pyrite ~5%;	Skarn? Massive pyrite knot at surface associated with amphibole (fibrous)
Stn 535		gossan trend of brecciated gB. Milky subhedral to massive qtz, mafics and angular gB fragments. Very cool. Although no sulphides were found (other than pyrite) there are vug fillings of intensly weathered something, limonite now. WE see this type of weathering commonly where there has been only trace amounts of sphalerite preserved. Unsure if this is a hydrothermal or tectonic breccia. Mostly matrix support. Doesn't appear to be any milling. common euhedral termination of qtz into pore space.
Stn 535		boulders of breccia
Stn 535		macros of breccia
Stn 535		gossan replacement?
Stn 515		~30m to the east, back into the augen schist to tonalite gneiss unit. Rusty patches related to biotite weathering and local horizons of iron oxide (?)

Station	Sample_Desc	Station_Desc
Stn 517		skarn/quartzite unit
Stn 512	nearly massive qtz vein - grey to white, ,with 2% massive fracture contolled	
Stn 516		~30m to the east, back into the augen schist to tonalite gneiss unit. Rusty patches related to biotite weathering and local horizons of iron oxide (?)
Stn 511	qtz vein in igneous host is reworked with honey bn massive mineral (Fe-OH) -	
Stn 534		angular qtz boulders (talus vein) running down slope. Massive white bull qtz, clear. No gossan or sulphide. gB and gC host tonalite gneiss.
Stn 510	F.xline qtz white to grey, rusty on outside. Disseminated anheadral to	frost heave/boulder pile subangular R.F.
Stn 501	Vuggy white massive qtz with abundant Fe-OH lining vugs - euhedral	
Stn 502	bull qtz+hmt?	In qtz vein on edge of bt+musc schist
Stn 503		tonalite gneiss. Strong gneissic - very finely laminated layers ~1mm. Qtz+bt+musc f.gr.. Slumped outcrop forming cliff face trending // ridge. ~30% qtz veins // gneiss
Stn 533		qtz-carbonate talus train trending North down talus of GT. No minerlaization.
Stn 504		tonalite gneiss. X cutting white massive qtz veins
Stn 523		Trail of massive quartz boulders on east sid eof valley at base of nose - trends into saddle between two ridges trending ~320
Stn 524	Crystalline Mn ona fracture surface. Brilliant silver/grey in colour. No	host=tonalite gneiss unit.
Stn 525		Note: small break in quartz vein at crest of saddle. Tonalite gneiss unit rubble! Abundent well developed gneiss. Some mafic clots in angular (local) boulders. Show stretching lineation (no orientatin) nothing but rubble here.
Stn 016		Initial find, also best galena + ccp recrystalized to most rounded - single piece. 30m to the east is a subangular qtz float train that trends up talus hill of T.G. This train consissts of ~8 weakly mineralized boulders 10cm - 40cm in size. Pyrite >ccp>mal>tetra?>sph>galena. Boulders are fractured, and rusty on fractured surfaces. Absence of carbonate in veins. Minimal to no host rock attached to boulders. Any given sample may have 1-2% py, tr-1% cp, up to 1% mal + tetra, and tr of the rest. This showing can not be traced up slope as there is cover at the top of the crest. No qtz float. SHowing on Norht facing talus slope leading into east side of saddle. Talus seems to be migrating down slope of the saddle to the east. No photos taken. Rounded boulder of initial find: Host rock grdt or tonalite. Not obviously gneissic - intrained in qtz vein giving it a more dirty or contaminated look. Only locally rusty (weakly) at surface, more like staining. perhaps associated with sphalerite. Entire boulder may have 1-2% ga, 1% ccp, 1% sph, 1-2% local pyrite. All sulphides are blotchy/patchy disseminated in vein. NOT fracture controlled.

Station	Sample_Desc	Station_Desc
Stn 016		TG gneissic fabric parallel to foliation 140/49. At this location, I think the "gneissic fabric" is a shear fabric. The "layers" are not continuous but elongated grains of host. Elongate 3:1 - 4:1. Even the quartz, most evident in KFs/Plag and mafics. Movement is unclear, but maybe sinistral. Azm also unclear maybe N/S to NW/SE?
Stn 531		Very good example of gneissic rock. Alternating light and dark bands that are 1-10cm thick. Tight to isoclinal folding with limbs parallel to foliation. Almost a straight gneiss locally. Folding may be plunging to SW (approx 3D boulders but no measurement). One horizon with qtz veins at top of felsic plag-rich horizon at bottom in cro xl chl shist with 0.5-1cm diameter grt porphyroblasts. Strung out xenolith? Entire band of straight gneiss is 1m thick, parallel to felsic.
Stn 530		TG ~1mm xls. Felspars, quartz and mafics stretched into moderate gneissic texture.
Stn 526		TG unit. More schistose than gneissic. Some qtz veining parallel to fabric 155/50
Stn 529		Foliated grdt or tonalite with discontinuous, white, massive quartz veins parallel to foliation. Entire area is 2-5% locally qtz veins <20cm wide. 135/62
Stn 505		tonalite gneiss w mafic xenos/schlerin >>bt rich drkk gn to rusty weathering xneos are bt pheno(?)porphyro f.gr. Grnd mass - no fabric
Stn 508		tonalite gneiss
Stn 506		abundant qtz boulders - clean and white trending WNW = 320 deg + qtz carbonate veins
Stn 507	bull qtz w mystry mineral hmt??	
Stn 509	qtz vein+ + gossan + mal(?). Mnay qtz boulders tending down valley. Minor mafix bt+amph boulders. Gneiss is mostly tonalite gneiss is mized with schistose rocks with more augan	
Stn 532		Qtz veins described in historic literature as ~ mm thick massive with minor rusting along fractures. No sulphides present. Vein is discontinuous echelon type, parallel to foliation. It outcrops/subcrops twice in valley (once here) and one in talus (at bottom, it may continue up hill in boulders.) Possible trend ~130degrees.
Stn 527		qtz vein ~1' wide, in slumpin outcrop is discontinuous only about 6' long. Maybe boudined (lack of evidence in outcrop) or echelon. Trending ~150 degrees parallel to fabric. Host is TG unit, weakly gneissic texture.
Stn 528		Down of qtz train to be followed up hill. Massive quartz and carbonate and schlerin.
	mal staining in tonalite augan gneiss. Small banded qtz vein in sample w mal @ margins. Mal fracture surface	
	Rusty/gossanous vuggy quartz/carbonate vein with oxide	Interesting texture. Not sure of minerlization. Host rock is schisty/gneissic tonalite unit.

ANDREW STRAIN - STATION NOTES

Station	Analy_Samp	Lab_Sample	GPS_Station	Easting_83z8	Northing_83z8	Elevation
Stn 008			8	540715	6796404	1549.5
Stn 007	AS005	a55710	7	540724	6797030	1479.3
Stn 014	AS017-27	a55711-18	14	541173	6796592	1613.4
Stn 022	AS016	a55706	22	541178	6796585	1610.3
Stn 013	AS009	a55702	13	541255	6796551	1631.2
Stn 012	AS008	a55701	12	541359	6796706	1608.6
Stn 011	AS007		11	541511	6796650	1661
Stn 006			6	541537	6797398	1587.7
Stn 009			9	541549	6796633	1673.3
Stn 010	AS006		10	541550	6796633	1672.8
Stn 005	AS004	a55708	5	541561	6796619	1679.8
Stn 001	AS001		1	541787	6796554	1693.2
Stn 002	AS002		2	541789	6796564	1695.2
Stn 003	AS003		3	541804	6796526	1695.9
Stn 004			4	541992	6796631	1708.1
Stn 015			15	542125	6796348	1704.8
Stn 024	AS032	a55703	24	542140	6795936	1739.6
Stn 025			25	542188	6796013	1746.1
Stn 026			26	542215	6796047	1740.3
Stn 027	AS033	a55704	27	542218	6796083	1734.3
Stn 023	AS031	a55719	23	542219	6796082	1734.1
Stn 016	AS010-11	a55720-23	16	542335	6796094	1722.6
Stn 017			17	542463	6795972	1708.6
Stn 019	AS013	a55705	19	542478	6796796	1728.1
Stn 018	AS012		18	542491	6796729	1750.9
Stn 021	AS015		21	542544	6797018	1702.8
Stn 020	AS014	a55707	20	542550	6796932	1724.7

Station	Sample_Desc	Station_Desc
Stn 008		No sample, should be examined more thoroughly - qtz boulders w cubic py
	gossan grey qtz - no vis. Min	large rusty boulder, appears to be a breccia or conglomerate w a rusted metallic matrix. Clasts are silicified/cherty. No identified sulphide but sample is rusty/heavy
Stn 007		
Stn 014	MAJIC ROCK - 5-10% galena with yellow leaching in fist-sized vuggy rounded qtz boulder	Pb-Zn-Cu show (float) - heavly prospected, more work to be done so not yet sampled
Stn 022	Mal+cpy+py in qtz	(roughly within 5m) - same as AS015 but w cp.
Stn 013	Tr. Dissem py vein in gneiss A	angular qtz veined rock w py pockets - rusty+altd/bleached/silicified
Stn 012	skeletal qtz. With FeOH soft in filling (part1/2)	Zone of qtz-carb float, starting @ gps pt + extending roughly N for 30m Very rusty, rock is highly decomposed - no vis. Sulphide
Stn 011		qtz boulder w py+sph? + drk grey med-fine grained sulphide (probably)
Stn 006		Large qtz outcrop, 5x3m
Stn 009		none
Stn 010		qtz boulder w pyrite and mystery sulphide, cubic-ish w stiations, drk colour w bluish tint
Stn 005	gossan vuggy euhedral py - host unknown	Qtz vein boulder w coarse py ~5%
Stn 001		Qtz float w greyish metallic mineral
Stn 002		Qtz w rusty mineral and epidote
Stn 003		Very rustry qtz w dark metallic mineral
Stn 004		Zone of many qtz boulders, NW of WP for 15m
Stn 015		10x30m zone of lots of qtz+carb float, rusty when broken but no visible sulphide
Stn 024	Malachite+py in gneiss C	qtz w py, mal inc large chloritic gneiss
Stn 025		gossasnous zone, some Zn looking stuff all rusted out minor py
Stn 026		another zone as WP025
Stn 027	Pink staining (?)	Rainbow rock
Stn 023	Massive FeOH and white qtz - 50/50	
Stn 016	Tr. Galena dissem, +cpy+py+mal in qtz w gneissic schlerin	Samples A to H; qtz float, < + near bedrock q malachite, py, cpy, po, blackish mineral, occuring w malachite
Stn 017		
Stn 019	Malachite staining on qtz vein	qtz vein - 10cm thick along edge of gneiss float (near o/c) malachite, some azurite + minor py
Stn 018		outcrop - py-cp veinlet 1mm wide in wrong type of rock - more banging, more sulphide, sample taken
Stn 021		qtz-chlorite boulder w malachite, azurite, no vis sulphide, more similar boulders w less Cu nearby
Stn 020	gossan vuggy euhedral py - host unknown	bleached, rusty boulder w vuggy py-qtz vein 1-2cm wide - rounded

APPENDIX E. GEOCHEMICAL SAMPLE NOTES & ANALYSES

Sample ID	Easting_83z8	Northing_83z8	Elevation	Type	Depth_cm	Colour	Texture
100	541088	6796480	1632.9	Soil	20	Yellow/brown	silty/clay
101	541100	6796478	1634.4	Soil	20	Yellow/brown	silt
102	541109	6796479	1634.8	Soil	20	Brown/red	sandy/silt
103	541118	6796479	1636	Soil	20	Yellow/brown	silty/sand
104	541129	6796480	1637	Soil	20	Yellow/brown	silty/sand
105	541139	6796480	1637.5	Soil	20	Yellow/brown	sand
106	541149	6796480	1637	Soil	20	Yellow/brown	silty/sand
107	541161	6796481	1637.2	Soil	20	Yellow/brown	silty/sand
108	541170	6796480	1638.2	Soil	20	Yellow/brown	silty/sand
109	541180	6796480	1638.4	Soil	20	Yellow/brown	sand
110	541190	6796479	1636.8	Soil	20	Yellow/brown	sand
111	541199	6796479	1637.5	Soil	20	Yellow/brown	sand
112	541209	6796481	1639.2	Soil	20		silt
113	541221	6796481	1641.1	Soil	20	yellow/brown	sand
114	541230	6796481	1640.6	Soil	20	yellow/brown	sand
115	541240	6796480	1642.5	Soil	20	yellow/brown	sand
116	541248	6796480	1640.8	Soil	20	yellow/brown	sand
117	541262	6796481	1643	Soil	20	yellow/brown	sand
118	541269	6796480	1646.4	Soil	20		sand
119	541279	6796484	1641.3	Soil	15	Red/brown	till
120	541183	6796410	1629.8	Soil	15	brown	gravel/sand
121	541200	6796423	1630	Soil	15	brown	gravel/sand
122	541216	6796436	1633.9	Soil	15	Yellow/brown	silty/sand

Sample ID	Easting_83z8	Northing_83z8	Elevation	Type	Depth_cm	Colour	Texture
177	541267	6796513	1638	Soil	20	Brown	silt
178	541281	6796526	1638.2	Soil	30	Brown	silt
179	541297	6796540	1635.8	Soil	20	Brown	rocky
180	541313	6796554	1638.7	Soil	20	Brown	rocky
181	541309	6796572	1635.6	Soil	40	Grey/brown	mud
182	541294	6796558	1635.8	Soil	20	Brown	silt
183	541278	6796544	1634.4	Soil	20	Brown	silt
184	541264	6796532	1640.1	Soil	20	Brown	silt
185	541250	6796518	1637.5	Soil	25	Orange/brown	pebbles
186	541235	6796506	1640.1	Soil	20	Brown	silt
187	541220	6796493	1640.1	Soil	25	Brown	silt
188	541204	6796481	1638.4	Soil	25	Orange/brown	silt
189	541190	6796466	1638.9	Soil	20	Brown	silt
190	541174	6796453	1636.5	Soil	30	Brown	silt
191	541159	6796438	1635.1	Soil	20	Orange/brown	silt

Sample ID	Easting_83z8	Northing_83z8	Elevation	Type	Depth_cm	Colour	Texture
154	541234	6796499	1640.4	Soil	25	Orange/brown	silt
155	541225	6796500	1638.2	Soil	20	Brown	silt
156	541214	6796500	1636.5	Soil	20	Orange/brown	silt
157	541205	6796500	1637.7	Soil	20	Orange/brown	silt
158	541195	6796500	1632.9	Soil	25	Brown	silt+mica
159	541184	6796500	1632.7	Soil	20	Orange/brown	silt+rock
160	541175	6796500	1635.1	Soil	20	Orange/brown	silt
161	541165	6796501	1634.6	Soil	20	Orange/brown	silt
162	541155	6796500	1633.6	Soil	20	Orange/brown	silt
163	541144	6796499	1633.2	Soil	20	Orange/brown	silt
164	541134	6796500	1633.2	Soil	20	Brown	silt
165	541125	6796499	1634.1	Soil	20	Orange/brown	silt
166	541115	6796500	1632.4	Soil	25	Orange/brown	silt
167	541105	6796501	1630.5	Soil	25	Orange/brown	silt
168	541095	6796500	1628.6	Soil	25	Brown	silt
169	541085	6796499	1626.9	Soil	20	Brown	silt
170	541164	6796419	1630.3	Soil	25	Brown	silt
171	541179	6796431	1632.7	Soil	20	Brown	rocky
172	541194	6796445	1633.2	Soil	20	Orange/brown	silt
173	541208	6796460	1636.5	Soil	20	Brown	silt
174	541223	6796474	1637.5	Soil	25	Brown	rocky
175	541237	6796488	1638.9	Soil	25	Orange/brown	rocky
176	541252	6796500	1639.4	Soil	20	Brown	silt

Sample ID	Easting_83z8	Northing_83z8	Elevation	Type	Depth_cm	Colour	Texture
123	541231	6796447	1635.3	Soil	15	Brown/red	silty/sand
124	541248	6796460	1640.1	Soil	25	Yellow/brown	silty/sand
125	541261	6796472	1639.4	Soil	25	Yellow/brown	silty/clay
126	541278	6796486	1640.8	Soil	25	Brown/red	silt
127	541294	6796499	1641.8	Soil	20	Yellow/brown	sand
128	541308	6796512	1643.7	Soil	20	Yellow/brown	sand
129	541323	6796526	1642.3	Soil	20	Yellow/brown	silty/sand
130	541336	6796539	1641.1	Soil	20	Brown	silty/sand
131	541345	6796545	1642.8	Soil	20	Brown	silty/sand
132	541345	6796520	1645.2	Soil	20	Yellow/brown	silty/sand
133	541329	6796506	1649	Soil	20	Yellow/brown	silty/sand
134	541314	6796493	1649.7	Soil	20	Yellow/brown	silty/sand
135	541300	6796481	1648.8	Soil	25	brown	silty/sand
136	541283	6796468	1647.6	Soil	25	Yellow/brown	silty/sand
137	541269	6796456	1645.2	Soil	25	Yellow/brown	silty/sand
138	541252	6796440	1641.3	Soil	25	Yellow/brown	silty/sand
139	541239	6796427	1638.9	Soil	25	Yellow/brown	silty/sand
140	541223	6796413	1633.6	Soil	25	Yellow/brown	silty/sand
141	541210	6796400	1630	Soil	25	Yellow/brown	silty/sand
150	541274	6796500	1642.8	Soil	20	Brown	silty/sand
151	541265	6796500	1642	Soil	20	Brown	silty/sand
152	541255	6796500	1642	Soil	20	Orange/brown	silty/sand
153	541244	6796500	1639.4	Soil	15	Brown	silty/sand

Sample ID	Na_pt	K_pt	W_ppm	Hg_ppm	Sc_ppm	Tl_ppm	S_pt	Ga_ppm	Se_ppm
176	0.006	0.48	0.1	0.03	6.5	0.3	0	10	0
177	0.007	0.09	0.2	0.03	1.4	0	0	5	0
178	0.007	0.17	0.2	0.02	1.9	0.2	0	5	0
179	0.005	0.09	0.4	0.01	2.2	0	0	4	0
180	0.005	0.17	0.3	0.14	3.4	0	0.05	3	0
181	0.008	0.22	0.5	0.22	4.9	0.1	0.1	4	0
182	0.006	0.15	0.5	0.02	3	0.1	0	4	0
183	0.01	0.07	0.9	0.06	2	0.1	0	4	0
184	0.005	0.15	0.2	0	2.3	0.1	0	4	0
185	0.003	0.28	0.2	0.02	2.4	0.2	0	3	0
186	0.009	0.1	0.3	0.01	2.1	0.1	0	5	0
187	0.006	0.05	5.9	0.02	0.9	0	0	5	0
188	0.007	0.2	0.4	0.01	1.7	0.2	0	4	0
189	0.004	0.09	0.7	0.04	2.7	0	0	3	0
190	0.005	0.05	0.3	0.03	1.2	0.1	0	4	0
191	0.005	0.07	0.5	0.04	2.3	0.1	0	4	0

Sample ID	Na_pt	K_pt	W_ppm	Hg_ppm	Sc_ppm	Tl_ppm	S_pt	Ga_ppm	Se_ppm
134	0.007	0.1	0.5	0.02	1.9	0	0	4	0.8
135	0.006	0.06	0.2	0.04	0.9	0	0	4	0
136	0.006	0.08	0.4	0.01	1.9	0.1	0	6	0
137	0.007	0.17	0	0.04	1.4	0	0	7	0
138	0.006	0.12	0.2	0.03	1.3	0.1	0.06	5	0
139	0.007	0.09	2	0.06	2.7	0.3	0	3	0.5
140	0.006	0.13	0.6	0.03	2.1	0.2	0	4	0
141	0.004	0.18	0.5	0.04	1.6	0.1	0	4	0
150	0.005	0.1	0.6	0.02	1.7	0	0	5	0
151	0.006	0.09	0.4	0.02	1.7	0.1	0	5	0
152	0.006	0.15	0.3	0.02	2.1	0.1	0	6	0
153	0.006	0.13	0.2	0.02	2.2	0.1	0	5	0
154	0.007	0.08	0.4	0.02	1.4	0.1	0	4	0
155	0.006	0.08	0.3	0.04	1.1	0.1	0	4	0
156	0.007	0.11	0.2	0.04	1.6	0.1	0	4	0
157	0.004	0.12	0.3	0.05	1.7	0.1	0	3	0.6
158	0.008	0.36	0.2	0.01	1.5	0.2	0	5	0
159	0.004	0.07	2.3	0.29	3.5	0.3	0	3	0
160	0.006	0.08	0.6	0.04	1.8	0.1	0	4	0
161	0.006	0.07	0.9	0.04	1.8	0	0	4	0
162	0.005	0.08	0.6	0.04	2.3	0.1	0	3	0
163	0.006	0.09	0.6	0.03	2.3	0.1	0	3	0
164	0.007	0.19	1	0.04	3.2	0.2	0	3	0
165	0.006	0.1	0.6	0.03	2.6	0.1	0	4	0
166	0.007	0.08	0.3	0.04	2.5	0.1	0	4	0
167	0.005	0.07	0.2	0.03	2.5	0.1	0	4	0
168	0.007	0.07	0.3	0.03	1.8	0.1	0	5	0
169	0.006	0.08	0.4	0.06	2.8	0.1	0	3	0
170	0.008	0.06	0.3	0.03	1.4	0.1	0	5	0
171	0.005	0.39	0.4	0.04	1.9	0.2	0	3	0
172	0.007	0.07	0.4	0.03	3	0.2	0	4	0.5
173	0.012	0.26	0.2	0.03	2.1	0.2	0	7	0.6
174	0.007	0.19	0.4	0.03	1.7	0.2	0	5	0
175	0.005	0.24	0.4	0.03	2.2	0.1	0	5	0

Sample ID	Na_pt	K_pt	W_ppm	Hg_ppm	Sc_ppm	Tl_ppm	S_pt	Ga_ppm	Se_ppm
100	0.006	0.08	0.3	0.03	2.8	0.1	0	3	0
101	0.005	0.08	0.3	0.04	2.5	0.2	0	4	0
102	0.005	0.08	0.6	0.03	1.8	0.1	0	4	0
103	0.007	0.08	0.5	0.03	2.1	0.1	0	4	0
104	0.004	0.08	0.7	0.03	2.4	0.2	0	3	0
105	0.006	0.08	0.4	0.04	1.9	0	0	4	0
106	0.009	0.07	0.4	0.01	1.6	0	0	5	0
107	0.008	0.1	0.4	0.07	2.8	0.2	0	4	0
108	0.007	0.08	1	0.02	2	0	0	4	0
109	0.006	0.06	0.4	0.03	1.8	0.1	0	4	0
110	0.005	0.11	0.4	0.07	3	0.2	0	4	0.5
111	0.006	0.28	0.1	0.01	1.4	0.2	0	4	0
112	0.008	0.1	0.2	0.03	1.2	0.1	0	5	0
113	0.008	0.18	0.6	0.02	1.8	0.2	0	4	0
114	0.007	0.3	1.3	0.01	1.5	0.2	0	4	0
115	0.008	0.24	0.1	0.02	2.4	0.2	0	6	0
116	0.009	0.21	0.5	0.01	2.2	0.1	0	6	0.6
117	0.007	0.06	0.2	0.03	1.3	0	0	5	0
118	0.009	0.13	0.2	0.01	1.6	0.1	0	6	0
119	0.006	0.06	0.2	0.05	1.8	0.1	0	4	0
120	0.007	0.16	4.8	0.06	2.4	0.1	0.06	5	0
121	0.007	0.14	1.2	0.03	1.6	0.1	0	5	0.5
122	0.006	0.08	3.1	0.05	3	0.2	0	4	0
123	0.007	0.1	1.5	0.04	1.7	0.1	0.05	5	0
124	0.007	0.12	0.8	0.02	1.7	0.1	0	4	0.5
125	0.009	0.09	0.2	0.02	1.5	0	0	6	0
126	0.006	0.08	0.3	0.01	1.5	0.1	0	4	0
127	0.005	0.08	0.6	0.01	1.2	0	0	5	0
128	0.006	0.13	0.5	0.02	2.3	0	0	4	0
129	0.007	0.15	0.3	0.01	1.8	0.1	0	5	0.5
130	0.006	0.09	1.7	0.04	1.7	0	0	4	0
131	0.008	0.11	0.3	0.04	2.7	0.1	0	4	0
132	0.007	0.19	0.4	0.06	3	0.1	0	4	0
133	0.006	0.16	0.9	0	1.7	0	0	3	0

Sample ID	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pt	P_pt	La_ppm	Cr_ppm	Mg_pt	Ba_ppm	Ti_pt	B_ppm	Al_pt
176	11	0	0.6	0.1	76	0.21	0.1	12	39	1.86	150	0.132	0	2.26
177	10	0	0.6	0.4	41	0.11	0.042	10	22	0.41	72	0.077	0	1
178	11	0.1	0.5	0.2	44	0.12	0.045	11	27	0.73	91	0.08	0	1.31
179	12	0.2	1.7	0.2	37	0.13	0.057	13	25	0.68	94	0.047	0	1.23
180	14	0.1	3.1	0.2	33	0.29	0.062	13	20	0.72	244	0.042	0	1.14
181	29	0.2	4.5	0.2	39	0.94	0.108	24	24	0.85	557	0.038	0	1.43
182	14	0.1	1	0.2	42	0.3	0.052	13	43	0.93	221	0.063	0	1.4
183	9	0	1	0.2	37	0.1	0.052	13	26	0.61	123	0.04	0	1.33
184	10	0.1	0.6	0.2	44	0.13	0.053	9	36	0.83	86	0.082	0	1.27
185	5	0.2	12.7	0.1	27	0.06	0.032	9	15	0.57	105	0.03	0	1.14
186	11	0.1	0.5	0.2	52	0.15	0.039	12	53	1.01	92	0.137	0	1.48
187	9	0	0.4	0.2	40	0.1	0.037	7	22	0.31	66	0.056	0	0.89
188	10	0	1.7	0.2	37	0.12	0.039	8	21	0.76	89	0.083	0	1.25
189	9	0.2	5.4	0.2	33	0.07	0.035	16	27	0.64	72	0.021	0	1.19
190	9	0	1.6	0.2	43	0.1	0.064	10	25	0.4	92	0.036	0	1.04
191	9	0.3	5.3	0.2	36	0.07	0.035	15	26	0.51	127	0.024	0	1.24

Sample ID	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pt	P_pt	La_ppm	Cr_ppm	Mg_pt	Ba_ppm	Ti_pt	B_ppm	Al_pt
134	10	0	0.8	0.1	35	0.13	0.041	11	23	0.53	60	0.049	0	1.06
135	10	0	0.4	0.1	42	0.1	0.055	7	23	0.31	69	0.059	0	0.65
136	8	0	0.3	0.4	42	0.09	0.029	14	24	0.52	73	0.076	0	1.16
137	7	0	0.3	0.2	66	0.08	0.053	5	45	1.09	65	0.083	0	1.44
138	9	0	0.4	0.2	47	0.09	0.049	7	21	0.5	76	0.095	0	1.01
139	9	0	5.5	0.2	38	0.06	0.036	13	27	0.65	65	0.037	0	1.22
140	8	0	1.5	0.3	41	0.07	0.034	10	27	0.63	74	0.077	0	1.22
141	8	0	1.2	0.2	44	0.09	0.045	7	29	0.65	74	0.101	0	1.23
150	10	0	0.6	0.2	44	0.12	0.04	12	26	0.53	112	0.082	0	0.99
151	9	0	0.5	0.3	38	0.13	0.05	10	25	0.46	63	0.063	0	1
152	7	0	0.5	0.2	54	0.08	0.031	6	32	0.77	70	0.102	0	1.17
153	9	0	0.5	0.2	45	0.12	0.044	10	27	0.6	65	0.071	0	1.18
154	8	0	0.7	0.2	39	0.09	0.03	9	26	0.5	52	0.068	0	1.11
155	9	0	0.6	0.3	41	0.09	0.041	11	23	0.36	63	0.06	0	1.05
156	9	0.1	0.7	0.3	38	0.09	0.033	11	27	0.59	60	0.074	0	1.36
157	10	0.1	1.1	0.2	35	0.14	0.072	11	23	0.58	75	0.051	0	1.5
158	11	0.1	0.8	0.2	53	0.18	0.076	9	19	1.14	104	0.115	0	1.91
159	8	2.4	36	0.2	65	0.05	0.06	7	21	0.19	240	0.01	0	0.88
160	9	0.2	4	0.2	36	0.09	0.035	13	24	0.52	62	0.039	0	1.14
161	9	0.3	4.1	0.3	36	0.09	0.04	12	23	0.51	82	0.037	0	0.97
162	10	0.1	5.1	0.2	33	0.12	0.057	14	26	0.62	90	0.027	0	1.13
163	13	0.1	4.5	0.2	34	0.14	0.061	14	21	0.54	96	0.028	0	1.01
164	15	0.1	4.6	0.2	43	0.19	0.068	16	23	0.79	131	0.044	0	1.57
165	12	0.1	4.4	0.2	40	0.11	0.042	13	27	0.66	73	0.037	0	1.28
166	11	0	4	0.2	40	0.11	0.045	14	26	0.57	82	0.035	0	1.2
167	11	0.1	3.9	0.3	34	0.11	0.047	15	22	0.51	100	0.027	0	1.21
168	11	0	2.2	0.2	43	0.12	0.051	14	26	0.47	97	0.045	0	1.21
169	14	0	4.6	0.2	34	0.2	0.065	20	22	0.63	173	0.021	0	1.16
170	9	0	1.2	0.3	43	0.1	0.035	11	21	0.4	63	0.051	0	1.25
171	10	0	2.9	0	27	0.1	0.034	12	25	0.91	124	0.078	0	1.45
172	11	0	4.3	0.2	42	0.08	0.036	18	26	0.59	91	0.026	0	1.32
173	12	0.1	0.5	0.2	58	0.18	0.05	12	32	0.94	94	0.129	0	1.69
174	11	0	1	0.3	43	0.11	0.043	11	25	0.75	78	0.087	0	1.4
175	9	0	1.3	0.2	49	0.08	0.036	7	25	0.93	83	0.109	0	1.5

Sample ID	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pt	P_pt	La_ppm	Cr_ppm	Mg_pt	Ba_ppm	Ti_pt	B_ppm	Al_pt
100	9	0	3.6	0.2	31	0.1	0.041	15	23	0.6	70	0.021	0	1.22
101	9	0	3.5	0.2	35	0.07	0.028	13	24	0.63	60	0.022	0	1.25
102	8	0	2.3	0.2	39	0.07	0.036	11	24	0.55	61	0.039	0	1.18
103	9	0	2.9	0.2	37	0.07	0.027	13	25	0.56	56	0.031	0	1.32
104	10	0	3.2	0.1	36	0.08	0.024	11	26	0.72	58	0.027	0	1.36
105	9	0.1	2	0.2	39	0.11	0.041	11	25	0.41	65	0.035	0	1.09
106	9	0.1	0.8	0.2	40	0.11	0.036	11	27	0.46	70	0.048	0	1.27
107	11	0.4	5	0.2	38	0.11	0.046	17	29	0.6	74	0.025	0	1.45
108	7	0.1	3.1	0.2	36	0.07	0.032	12	26	0.53	55	0.035	0	1.21
109	8	0.1	1.7	0.2	38	0.1	0.038	11	26	0.47	64	0.033	0	1.08
110	8	0.1	5.5	0.1	39	0.06	0.033	23	27	0.61	99	0.024	0	1.22
111	10	0.1	1.2	0	28	0.14	0.062	12	18	0.67	70	0.047	0	1.19
112	9	0.1	0.4	0.2	46	0.1	0.031	9	24	0.4	47	0.093	0	1.11
113	8	0	0.7	0.2	39	0.08	0.035	9	26	0.77	46	0.074	0	1.38
114	9	0	0.4	0.1	30	0.13	0.036	9	23	1.08	68	0.09	0	1.6
115	9	0	0.3	0.1	54	0.15	0.044	9	24	1.16	80	0.1	0	1.75
116	11	0	1.3	0.2	54	0.13	0.034	10	43	0.88	77	0.101	0	1.52
117	5	0	0.3	0.1	54	0.07	0.035	5	22	0.68	43	0.062	0	1.01
118	10	0	0.2	0.2	56	0.16	0.071	11	56	0.77	95	0.068	0	1.4
119	9	0.1	0.7	0.2	37	0.12	0.078	10	28	0.34	72	0.046	0	1.49
120	9	0	2.2	0.2	46	0.11	0.074	10	46	0.78	119	0.059	0	1.47
121	8	0.1	1.6	0.2	42	0.08	0.035	9	25	0.53	54	0.066	0	1.19
122	9	0.1	4.9	0.1	35	0.06	0.033	15	26	0.57	59	0.02	0	1.15
123	9	0	1.5	0.2	44	0.08	0.044	10	28	0.49	58	0.053	0	1.19
124	8	0	0.9	0.2	40	0.1	0.037	9	20	0.6	54	0.065	0	1.04
125	10	0	0.2	0.2	47	0.13	0.039	9	28	0.52	63	0.072	0	1.24
126	9	0	0.6	0.2	33	0.12	0.046	10	28	0.49	75	0.052	0	0.98
127	7	0	0.7	0.2	48	0.08	0.036	6	19	0.4	55	0.071	0	0.75
128	10	0.1	0.9	0.1	36	0.15	0.051	11	23	0.85	72	0.052	0	1.24
129	11	0	0.6	0.1	42	0.15	0.074	8	27	0.84	103	0.063	0	1.47
130	11	0	1	0.1	33	0.2	0.048	10	20	0.58	95	0.043	0	1
131	12	0	1.3	0.1	30	0.27	0.04	11	21	0.51	213	0.034	0	1.01
132	15	0	1.4	0.1	36	0.24	0.079	12	23	0.87	102	0.055	0	1.26
133	11	0	0.7	0	30	0.15	0.05	9	21	0.63	65	0.06	0	0.97

Sample ID	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pt	As_ppm	U_ppm	Au_ppb	Th_ppm
176	0.4	6.2	8.5	80	0	18.6	11.4	694	3.12	5.5	1	1.1	3.3
177	0.7	11.5	8.2	34	0	13.7	6	252	1.96	11	0.9	1.3	1.5
178	0.5	11.5	7.3	42	0	13.8	7.7	469	2.2	9	0.8	0.9	1.8
179	0.5	22.2	7.4	47	0	18.6	11.2	468	2.56	38.1	1	5.7	2.8
180	0.8	18.9	7	61	0.1	15.5	11.3	567	2.96	213.5	1	28.7	3.6
181	1.2	30.3	13.3	76	0.3	18	13.8	973	3.79	508.2	2.1	55.4	2.5
182	0.4	17.7	11.9	57	0	24.4	12.9	488	2.75	47.6	1	2.4	2.6
183	0.5	20.9	7.5	38	0.1	15.7	7.5	282	2.11	19.7	1.1	6.4	1.3
184	0.6	12.4	6.7	39	0	18.4	9.8	373	2.46	12.1	0.7	1.7	1.8
185	0.2	4	5.8	59	0	7.5	7.6	301	2.47	18.5	0.9	0	1.4
186	0.7	14.4	8.9	47	0	33.1	10.7	417	2.41	8.9	1.5	2.3	2.3
187	0.5	9	6.8	25	0	11	4.3	182	1.57	10	0.7	0.9	0.3
188	0.4	13.5	4.8	42	0	13.7	7.8	348	2.28	11.3	0.9	1.6	1.5
189	1	29.4	24	50	0.1	25.6	14	489	2.84	186.4	1.1	7.7	2.4
190	0.9	18	11.1	35	0	16.1	7.2	297	2.14	44	1	2.1	0.4
191	1	28.1	40.9	55	0.1	25.8	13	476	2.8	226.4	1.1	6.4	1.5

Sample ID	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pt	As_ppm	U_ppm	Au_ppb	Th_ppm
134	0.6	15.8	6.4	33	0	15.3	8.5	309	2.18	27	0.8	6.3	1.7
135	0.6	9	5.3	21	0	8.7	4.6	191	1.61	8.9	1	2.6	0.3
136	0.6	13.6	8	45	0	18.3	6.7	275	2.25	6.8	0.9	0	3.5
137	0.5	6	3.7	37	0	12.5	8.3	399	2.55	3.3	1.4	0.6	0.6
138	0.5	10.6	5.4	28	0	10.5	5.7	243	2.03	8.6	0.7	2.4	0.5
139	1.7	33.5	8.9	48	0	23.3	11.7	414	3.17	225.9	1	39.7	1.9
140	0.7	19.2	7.7	45	0	19.6	9.1	314	2.69	38.6	0.9	1.6	1.8
141	0.6	16.9	6.3	40	0	14.4	7.7	307	2.54	36.6	0.7	2.5	1.3
150	0.5	12.7	7.2	32	0	14.1	7.6	317	2.1	10.1	0.7	0.9	1.3
151	0.5	12.1	8.4	35	0	13.8	5.7	231	1.86	8.9	0.8	0.9	1.4
152	0.6	10.3	5.8	40	0	13.4	6.5	332	2.3	16.1	0.7	4.2	1.2
153	0.5	9.4	6.6	35	0	14.4	5.8	224	2.02	6.1	0.7	1.4	1.1
154	0.6	12.9	7	34	0	16.2	6.5	238	2.1	12.4	0.8	1.6	0.8
155	0.7	11.5	8.1	30	0	11.9	5.3	236	2.01	10	0.8	1.3	0.5
156	0.5	15.9	8	46	0	18.6	7.7	268	2.38	11.2	0.8	0.8	1.6
157	0.4	19.6	6.7	43	0	20	11	430	2.24	25.1	0.9	0.8	1.3
158	0.3	16.4	5.3	49	0	11	11.9	536	3.14	8.2	0.8	1.6	1.6
159	1.3	47.1	237.6	412	0.8	18	16.8	1477	5.39	794	4.5	151.3	1.3
160	0.7	23.1	22.2	41	0.1	18.6	8.6	308	2.41	173.7	1	2.6	1.4
161	0.5	23.7	42.4	43	0.2	18.9	9.3	340	2.43	139.4	0.9	4.8	1.1
162	0.6	26.3	27	43	0	22.5	11.8	405	2.57	142.5	1.1	4.6	2.7
163	0.6	25.1	18.8	44	0.1	18.8	10.3	388	2.52	173.2	1.1	7	1.8
164	0.6	34.5	25.5	53	0	24.3	15.3	536	3.06	86.3	1	5.2	5
165	0.7	30.9	18.1	47	0	22.3	11	395	2.77	75.9	1	14.7	2.2
166	0.7	29.7	12.6	44	0	22.7	11.2	414	2.71	80.6	1.1	7.5	2.1
167	0.6	26.8	10.2	44	0	20.6	11.6	413	2.53	83.6	1	3.9	2.9
168	0.7	22	10.6	39	0	18.6	8.6	332	2.39	41.5	1	1	0.9
169	0.6	32	11.9	47	0.1	21.4	10.9	425	2.67	76.5	1.2	5.7	3.1
170	0.7	14	10.1	35	0.4	15.7	5.9	215	2.12	29.6	0.9	1.2	0.7
171	0.4	22.1	7.1	54	0	17.1	11	444	2.6	85	0.7	7.7	2.9
172	0.6	31.7	14	53	0.1	26.2	13.3	451	3.25	110.7	1.1	7.8	2
173	0.5	14.6	8	38	0	15.8	7.5	292	2.61	7.8	0.9	0	3.3
174	0.6	16.2	7	42	0	16.8	9.3	351	2.6	22	0.9	2.9	1.4
175	1.7	15.5	6.5	42	0	15.9	9.9	423	2.91	26.5	0.7	1.5	1.9

Sample ID	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pt	As_ppm	U_ppm	Au_ppb	Th_ppm
100	0.7	30	9.8	46	0	20.6	13.2	484	2.59	95.8	0.9	4.1	2.9
101	0.6	33.1	13.4	49	0.1	22.2	12.4	427	2.78	101.9	1.1	6.5	2.2
102	0.7	24.5	16.1	44	0	20	9.4	337	2.73	69.3	0.9	2.9	1.1
103	0.6	27.4	17.4	48	0	19.1	9.3	327	2.69	125.5	1	3.2	1.4
104	0.7	28.3	18	52	0	23	11.1	380	2.62	80.2	0.8	5.3	2.1
105	0.6	16.7	15.4	38	0	16	8	304	2.2	88.4	0.8	1.9	0.9
106	0.7	14.8	10.8	40	0.1	17.8	7.3	295	2.12	30.3	0.9	2.7	1
107	0.8	29.1	37.6	58	0.3	26.9	13	490	3.05	290.3	1.2	10.4	2.1
108	1	23.2	11.8	41	0	19.4	9.3	298	2.39	171.1	0.8	5.3	1.4
109	0.9	19.5	11.6	36	0	17.5	8.6	279	2.31	89.2	0.7	2.3	0.8
110	0.8	28.8	17.9	49	0.1	23	13.8	623	3.2	143.6	1.4	9.2	3.1
111	0.2	8.8	7.1	41	0	12.8	7.1	316	1.93	39.6	0.8	1.7	2
112	0.7	11.1	7	30	0	11.9	6.6	419	2.04	9.4	0.6	2.1	0.6
113	0.5	17.7	6	45	0	16.7	9.6	349	2.53	20.7	0.8	1.5	1.6
114	0.3	13.5	3.9	45	0	19.1	12.1	407	2.49	19.1	0.6	2.6	2.4
115	0.3	12.8	5.3	40	0	15.8	10.2	367	2.77	10.3	0.7	1.3	1.7
116	0.7	23.6	20.7	48	0	21.9	12.1	474	3.05	58.7	0.8	23.4	2
117	0.6	6.2	4.3	25	0	7.9	4.1	211	1.78	3.8	0.6	0.9	0.4
118	0.5	7.6	5.7	34	0	13.9	8.9	431	2.17	5.8	0.8	1.5	0.5
119	0.6	13.5	7.3	36	0	16.6	10.2	616	2.72	13.3	0.9	3.7	0.7
120	0.8	25.1	7.8	50	0.1	25.4	13.4	513	3.59	142.3	0.9	5.9	1
121	0.6	17.1	8	38	0	14.2	7.7	290	2.46	86.9	0.7	2.6	0.8
122	1	32	17.4	54	0.2	27.4	13.6	508	3.59	357	1.1	11.9	1.9
123	0.8	16.2	6.9	40	0	14.4	8.4	351	2.61	84.9	0.8	2.5	0.9
124	0.7	16.4	6.3	33	0	15.5	10.2	298	2.42	16.3	0.8	2.1	1.4
125	0.6	11.9	7.6	32	0	13.2	6.9	296	2.24	7.5	0.7	1.5	0.9
126	0.4	13.5	6.6	35	0	16.5	7.3	288	1.91	10	0.7	2.4	0.9
127	0.6	11.2	6	25	0	10.3	6.2	192	2.09	17.9	0.6	2.1	0.5
128	0.3	14.4	5	38	0	16.2	10.2	427	2.3	18.9	0.8	22.7	2.5
129	0.4	18.9	5.7	51	0	15.7	10.8	435	2.52	19.1	0.7	2.5	0.9
130	0.5	14.4	5.4	37	0	12.6	8	311	2.23	40.8	0.9	5.4	1.6
131	0.6	14.4	5.8	39	0	13.1	9.3	426	2.28	119.7	0.9	21.1	2.2
132	0.3	27.3	7.5	41	0.1	13.5	11.8	530	2.33	14.7	0.8	27.4	4.6
133	0.3	12	4.8	33	0	12.2	8.1	320	1.96	17.6	0.8	4.5	1.7

Sample ID	Description
130	brown till with >50% angular to subangular RF. Silty sand sample. Rusty qtz and gB. Most samples gossanous. Qtz shows vuggy/gossan texture. No mineralization.
131	RF >50%. Small <3cm subangular to angular and rusty. Sample a little wet. Maybe a function of drainage where samples collected. More vegetated down hill of small saddle along ridge.
132	Yellow/brown till ~30% RF silty sand sampled RF weakly gossanous, subrounded to subang. Little moist. Uphill from 130/131. less
133	Yellow/brown silty sand, <20% RF, very homogenous, fine sand grains in silty sand.
134	as 133
135	brown, silty sand
136	as 133
137	yellow/brown regular silty sand till
138	yellow/brown regular silty sand till
139	yellow/brown regular silty sand till
140	silty sand, yellow brown, dry ~30% RF. Subangular-subrounded
141	silty sand, yellow brown, dry ~30% RF. Subangular-subrounded
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Sample ID	Description
100	Yellow/brown silty sand, sample depty 20-25cm. Grey brown silty/clay horizon 2-15cm depth with A+O on top
101	Yellow/Brown sandy silt. Frost boil
102	texturally sandy silt, brown to slight red tinge. Boulders of gA and qtz.
103	as 108
104	same till as 108, active frost boil
105	as 109
106	as 108
107	as 108
108	fine, silty sand, yellow/brown gB boulders
109	dry, yellow/brown, fine sandy. Mafic/ mafic and bt boulders.
110	Yellow/brown till, sandy, dry
111	30% angular bt/chl schist or qB. RF ~1-10cm in size. Crs, sandy sample fraction. Yellow/brown to bluish colour. Sample a little moist
112	sampled between to xxxx to m-scale gB boulders. gB boulders (cm scale) at depth of sample ~20cm below root horizon. Sample is very silty, almost no sand grains. Very homogenous. Some roots in sample.
113	as 115, rounded boulders of gB
114	as 115
115	fine sand as 117 and up. Yellow brown, no boulders above sample
116	boulders of gB, yellow brown, more crs sand
117	more brown to yellow brown boulders of chlorite schist and gB
118	Boulders of chlorite schist
119	gravel 10-15%, sand 40%, silt/clay 40%. Soft to the touch. RF of sand sub angular, variable composition xxxxxx. Sample dry. Xxxx till ~30%+ gravel, pebble - cobble 1->10cm. O = 1-2cm, A if present <1cm. Root horizon to 10-15cm.
120	Gravel-sand, brown, 40% <5cm angular. RF dry
121	as 120. Many >20cm gB boulders to dig out.
122	yellow/brown silty sand with ~30% subrounded RF (dry)
123	Red/brown colour, dry, silty sand. Sampled from till
124	Yellow/brown, dry, sitly sand sample. Grey layer on top 1-20cm. Sampled 25-30cm depth
125	as 124. ~15cm grey clay-silt. Large gB boulders.
126	Dark brown to red, silty sand with some clay. Soft to the touch sample, a little moist. Large, >20cm gB boulders. Till ~20% RF pebbles <2cm. Generally finer till.
127	Yellow/brown till with subrounded to rounded boulders ~1--20cm of gA and gB. Grey horizon 4-6cm. Sample @ 20cm. 1cm of A, Roots down about 20-25cm.
128	usual, yellow/brown
129	Yellow/brown - grey to 15cm. Subrounded boulders and cobbles RF silty sand texture.

APPENDIX F. ROCK SAMPLE ANALYSES

Station	Field_Sample	Lab_Sample	Easting_83z8	Northing_83z8	Elevation
Stn 007	AS005	55710	540724	6797030	1479.3
Stn 014	AS017	55711	541173	6796592	1613.4
Stn 014	AS027	55712	541173	6796592	1613.4
Stn 014	AS024	55713	541173	6796592	1613.4
Stn 014	AS018	55714	541173	6796592	1613.4
Stn 014	AS020	55715	541173	6796592	1613.4
Stn 014	AS019	55716	541173	6796592	1613.4
Stn 014	AS021	55717	541173	6796592	1613.4
Stn 014	AS022	55718	541173	6796592	1613.4
Stn 022	AS016	55706	541178	6796585	1610.3
Stn 013	AS009	55702	541255	6796551	1631.2
Stn 012	AS008	55701	541359	6796706	1608.6
Stn 513	DW010	55709	541515	6796750	1638.2
Stn 005	AS004	55708	541561	6796619	1679.8
Stn 024	AS032	55703	542140	6795936	1739.6
Stn 027	AS033	55704	542218	6796083	1734.3
Stn 023	AS031	55719	542219	6796082	1734.1
Stn 016	AS011	55720	542335	6796094	1722.6
Stn 016	AS011	55721	542335	6796094	1722.6
Stn 016	AS010	55722	542335	6796094	1722.6
Stn 016	AS010	55723	542335	6796094	1722.6
Stn 019	AS013	55705	542478	6796796	1728.1
Stn 020	AS014	55707	542550	6796932	1724.7

Station	Sample_Desc
Stn 007	gossan grey qtz - no vis. Min
Stn 014	MAJIC ROCK - 5-10% galena with yellow leaching in fist-sized vuggy rounded qtz boulder
Stn 014	1-2% galena in qtz vein w gossan
Stn 014	Pb present?? - test assay
Stn 014	FeOH + qtz - testing for resudule sphalerite (Zn)
Stn 014	<1% galena in qtz + <FeOH
Stn 014	<1% galena in qtz + <FeOH
Stn 014	1% galena in qtz + < malachite
Stn 014	Massive FeOH and white qtz - 50/50
Stn 022	Mal+cpy+py in qtz
Stn 013	Tr. Dissem py vein in gneiss A
Stn 012	skeletal qtz. With FeOH soft in filling (part1/2)
Stn 513	Gossan cubes probably py w qtz vein in carbonate host (?)
Stn 005	gossan vuggy euhedral py - host unknown
Stn 024	Malachite+py in gneiss C
Stn 027	Pink staining (?)
Stn 023	Massive FeOH and white qtz - 50/50
Stn 016	py+cpy in qtz +mal - weakly disseminated sulphide + FeOH
Stn 016	py+cpy in qtz +mal - weakly disseminated sulphide + FeOH
Stn 016	Tr. Galena dissem, +cpy+py+mal in qtz w gneissic schlerin
Stn 016	Tr. Galena dissem, +cpy+py+mal in qtz w gneissic schlerin
Stn 019	Malachite staining on qtz vein
Stn 020	gossan vuggy euhedral py - host unknown

Station	Au_gt	Au_ozt	Ag_gt	Ag_ozt	Pb_pt	Au_ppb	Ag_ppm	Al_pt	As_ppm	Ba_ppm	Bi_ppm	Ca_pt
Stn 007	0	0	0	0	0	10	0.0	0.35	1800.0	33.5	0.00	0.03
Stn 014	14.05	0.41	383	11.1695	4.055	1001	31.0	0.03	1111.0	141.0	648.20	0.02
Stn 014	0	0	36.7	1.07	0	760	31.0	0.04	174.3	1197.0	57.22	0.40
Stn 014	0	0	0	0	0	100	2.8	0.04	357.3	191.5	3.18	2.27
Stn 014	0	0	0	0	0	35	0.9	0.04	204.5	1247.0	0.58	0.87
Stn 014	0	0	0	0	0	885	16.2	0.03	76.2	1476.0	40.16	0.09
Stn 014	1.06	0.031	0	0	0	1001	24.5	0.02	28.2	496.5	50.08	0.12
Stn 014	5.98	0.174	116	3.383	0	1001	31.0	0.02	337.9	71.5	201.80	0.01
Stn 014	0	0	0	0	0	100	1.6	0.06	186.3	631.0	1.22	1.56
Stn 022	0	0	0	0	0	15	3.2	0.51	0.3	20.0	0.04	0.07
Stn 013	0	0	0	0	0	90	0.6	0.32	3.4	103.5	0.34	2.04
Stn 012	0	0	0	0	0	55	0.1	0.17	76.0	399.0	0.06	4.43
Stn 513	0	0	0	0	0	15	0.0	0.63	1.8	16.5	0.08	2.95
Stn 005	0	0	0	0	0	20	0.4	0.03	55.5	39.0	0.04	0.00
Stn 024	0	0	0	0	0	240	18.7	1.00	3.4	52.0	0.12	0.11
Stn 027	0	0	0	0	0	65	0.2	0.43	2.2	139.5	0.16	0.88
Stn 023	0	0	0	0	0	20	0.3	0.13	74.1	398.0	0.44	>10
Stn 016	0	0	0	0	0	115	2.9	0.13	23.2	122.5	0.30	0.03
Stn 016	0	0	0	0	0	60	2.4	0.04	14.9	86.5	0.54	0.03
Stn 016	0	0	32.7	0.954	0	190	31.0	0.57	0.7	75.0	51.60	0.15
Stn 016	0	0	52.4	1.528	0	235	31.0	0.65	0.7	126.5	87.52	0.42
Stn 019	0	0	0	0	0	15	0.5	0.15	1.3	751.5	0.34	0.06
Stn 020	0	0	0	0	0	10	0.6	1.53	10.6	73.0	10.14	0.39

Station	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pt	Ga_ppm	Hg_ppb	K_pt	La_ppm	Mg_pt	Mn_ppm	Mo_ppm	Na_pt
Stn 007	0.53	6.1	143.0	41.2	4.58	1.4	295	0.01	6.0	0.00	86	41.18	0.041
Stn 014	5.83	0.8	192.5	914.3	1.59	0.1	47170	0.01	0.0	0.00	27	0.99	0.037
Stn 014	0.52	5.8	223.0	92.9	0.85	0.2	960	0.03	0.0	0.02	474	0.78	0.039
Stn 014	0.41	5.6	241.0	117.8	1.39	0.2	935	0.03	0.0	0.05	734	0.75	0.039
Stn 014	0.29	3.3	241.5	57.4	0.84	0.3	795	0.03	0.0	0.03	445	0.72	0.038
Stn 014	0.09	0.7	230.5	17.4	0.43	0.2	175	0.01	0.0	0.00	91	0.55	0.039
Stn 014	0.13	0.7	282.5	14.9	0.39	0.1	185	0.01	0.0	0.00	68	0.63	0.038
Stn 014	1.67	1.2	211.5	1211.0	0.74	0.1	38560	0.01	0.0	0.00	34	0.98	0.036
Stn 014	0.39	4.3	223.5	139.0	1.30	0.3	2150	0.04	0.0	0.05	911	0.67	0.040
Stn 022	0.19	5.2	203.5	1470.0	1.42	1.7	20	0.03	1.0	0.42	255	1.08	0.047
Stn 013	0.59	7.1	81.0	9.7	1.89	1.6	280	0.04	13.5	0.58	558	0.89	0.100
Stn 012	0.62	7.8	136.0	4.3	4.90	0.4	65	0.12	1.5	0.11	2350	0.52	0.041
Stn 513	0.76	5.8	60.5	9.6	0.72	2.5	25	0.02	11.0	0.08	357	0.65	0.068
Stn 005	0.07	43.6	233.5	71.4	4.48	0.4	10	0.00	0.0	0.00	32	1.17	0.044
Stn 024	0.23	13.6	161.0	3197.0	4.25	3.2	90	0.15	3.0	0.77	340	2.30	0.056
Stn 027	0.32	12.3	61.5	14.7	1.57	2.5	5	0.02	8.0	0.38	468	0.82	0.147
Stn 023	0.85	23.8	9.0	4.5	8.31	0.3	135	0.07	2.5	0.53	2876	1.08	0.039
Stn 016	0.13	26.8	221.0	922.2	1.85	0.7	75	<0.01	0.0	0.05	53	0.62	0.038
Stn 016	0.06	36.7	227.5	470.6	1.72	0.3	140	<0.01	0.0	0.00	31	0.61	0.038
Stn 016	0.83	6.8	170.5	1538.0	2.00	2.3	55	0.03	2.0	0.47	324	1.15	0.069
Stn 016	0.62	5.7	169.0	2130.0	2.45	3.0	95	0.02	2.5	0.53	394	1.53	0.077
Stn 019	0.10	1.7	212.5	366.0	0.53	0.4	<5	0.03	0.0	0.10	86	0.53	0.045
Stn 020	0.02	5.5	77.0	56.4	6.01	8.4	50	0.06	8.0	1.35	379	0.36	0.094

Station	Ni_ppm	P_ppm	Pb_ppm	S_pt	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pt	Tl_ppm	U_ppm
Stn 007	18.6	1365	7.55	0.04	191.90	0.9	0.2	35.0	0.00	0.4	0.001	1.82	2.8
Stn 014	7.4	77	10001.00	0.52	2001.00	0.6	28.3	7.0	134.30	0.2	0.001	0.06	2.2
Stn 014	11.7	54	4290.00	0.08	65.96	2.4	1.9	26.0	11.10	0.0	0.005	0.00	0.5
Stn 014	25.9	71	160.30	0.02	50.40	5.1	0.2	7.0	0.88	0.0	0.005	0.00	0.5
Stn 014	17.1	88	29.74	0.04	15.00	2.9	0.0	20.0	0.18	0.0	0.005	0.00	0.2
Stn 014	7.6	37	2039.00	0.08	15.44	0.5	1.5	40.5	7.90	0.0	0.005	0.00	0.3
Stn 014	8.7	12	2643.00	0.06	18.12	0.3	2.4	9.5	11.40	0.0	0.005	0.00	0.0
Stn 014	7.9	60	9132.00	0.16	909.90	0.4	7.4	3.5	39.94	0.0	0.005	0.00	1.2
Stn 014	18.9	97	45.59	0.04	40.72	5.7	0.1	15.0	0.42	0.0	0.005	0.00	0.4
Stn 022	6.7	38	8.32	0.08	1.02	1.0	0.2	1.0	0.00	0.3	0.010	0.00	0.3
Stn 013	8.9	423	67.91	0.70	1.88	4.6	0.5	33.5	0.44	11.5	0.003	0.04	2.8
Stn 012	11.6	243	25.34	<0.02	2.04	7.7	0.2	6.0	0.00	1.1	0.001	0.06	0.7
Stn 513	15.3	387	8.71	0.02	0.26	1.5	0.2	108.0	0.08	6.6	0.160	0.00	0.8
Stn 005	135.4	33	3.93	1.60	2.36	0.0	1.1	3.5	0.18	0.1	0.001	0.00	0.2
Stn 024	6.5	222	12.92	1.38	1.06	2.6	1.8	6.5	0.56	3.2	0.011	0.02	0.6
Stn 027	8.8	32	13.19	0.18	0.14	2.3	0.2	24.0	0.28	1.3	0.002	0.00	0.2
Stn 023	38.1	115	32.47	<0.02	3.78	1.4	0.3	74.0	0.08	0.6	0.001	0.06	1.4
Stn 016	12.2	26	16.53	0.62	3.76	0.4	2.2	3.0	0.18	0.0	0.001	0.00	0.2
Stn 016	12.6	12	25.01	0.68	5.96	0.1	2.5	2.0	0.34	0.0	0.001	0.00	0.0
Stn 016	6.2	196	3031.00	0.24	0.54	3.5	13.4	3.5	3.90	1.0	0.028	0.00	0.6
Stn 016	6.3	233	6874.00	0.36	1.12	4.7	21.2	6.5	4.22	1.0	0.038	0.00	0.7
Stn 019	6.5	20	11.74	0.04	0.24	0.4	0.0	5.0	0.04	0.2	0.007	0.00	0.0
Stn 020	2.4	1462	17.76	0.96	0.20	8.8	0.9	15.5	0.60	3.5	0.260	0.16	0.7

Station	V_ppm	W_ppm	Zn_ppm
Stn 007	10	0.1	34.9
Stn 014	0	0.2	13.8
Stn 014	0	0.8	20.6
Stn 014	0	0.7	34.6
Stn 014	0	0.2	20.2
Stn 014	0	0.6	6.0
Stn 014	0	0.1	8.8
Stn 014	0	0.2	8.7
Stn 014	0	0.8	40.2
Stn 022	12	0.2	33.0
Stn 013	16	0.2	125.0
Stn 012	14	0.6	104.2
Stn 513	8	0.7	179.9
Stn 005	18	0.7	7.5
Stn 024	26	0.0	33.5
Stn 027	12	0.1	43.4
Stn 023	24	0.0	158.7
Stn 016	4	0.0	13.0
Stn 016	0	0.6	7.1
Stn 016	28	0.2	20.9
Stn 016	34	0.3	24.5
Stn 019	2	0.3	22.4
Stn 020	168	77.2	50.5

APPENDIX G. ASSAY CERTIFICATES

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StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AW 2009-8114

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

15-Sep-09

No. of samples received: 23
Sample Type: Rock
Project: Deet
PO#:379-9514-4T
Submitted by: Dave White

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)
11	55711	13.7	0.400	382	11.14	3.99
12	55712			36.7	1.07	
16	55716	1.06	0.031			
17	55717	5.98	0.174	116	3.38	
22	55722			32.7	0.95	
23	55723			52.4	1.53	
QC DATA:						
Repeat:						
11	55711	14.4	0.420	384	11.20	4.12
17	55717	6.27	0.183			
Standard:						
SN26		8.51	0.248			
Pb104				105	3.06	1.00

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/ap
XLS/09

4-Sep-09

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2009- 8114

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 23
Sample Type: Rock
Project: Deet
PO#:379-9514-4T
Submitted by: Dave White

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	55701	55	0.1	0.17	76.0	399.0	0.06	4.43	0.62	7.8	136.0	4.3	4.90	0.4	65	0.12	1.5	0.11	2350	0.52	0.041	11.6	243	25.34	<0.02	2.04	7.7	0.2	6.0	<0.02	1.1	0.001	0.06	0.7	14	0.6	104.2
2	55702	90	0.6	0.32	3.4	103.5	0.34	2.04	0.59	7.1	81.0	9.7	1.89	1.6	280	0.04	13.5	0.58	558	0.89	0.100	8.9	423	67.91	0.70	1.88	4.6	0.5	33.5	0.44	11.5	0.003	0.04	2.8	16	0.2	125.0
3	55703	240	18.7	1.00	3.4	52.0	0.12	0.11	0.23	13.6	161.0	3197.0	4.25	3.2	90	0.15	3.0	0.77	340	2.30	0.056	6.5	222	12.92	1.38	1.06	2.6	1.8	6.5	0.56	3.2	0.011	0.02	0.6	26	<0.1	33.5
4	55704	65	0.2	0.43	2.2	139.5	0.16	0.88	0.32	12.3	61.5	14.7	1.57	2.5	5	0.02	8.0	0.38	468	0.82	0.147	8.8	32	13.19	0.18	0.14	2.3	0.2	24.0	0.28	1.3	0.002	<0.02	0.2	12	0.1	43.4
5	55705	15	0.5	0.15	1.3	751.5	0.34	0.06	0.10	1.7	212.5	366.0	0.53	0.4	<5	0.03	<0.5	0.10	86	0.53	0.045	6.5	20	11.74	0.04	0.24	0.4	<0.1	5.0	0.04	0.2	0.007	<0.02	<0.1	2	0.3	22.4
6	55706	15	3.2	0.51	0.3	20.0	0.04	0.07	0.19	5.2	203.5	1470.0	1.42	1.7	20	0.03	1.0	0.42	255	1.08	0.047	6.7	38	8.32	0.08	1.02	1.0	0.2	1.0	<0.02	0.3	0.010	<0.02	0.3	12	0.2	33.0
7	55707	10	0.6	1.53	10.6	73.0	10.14	0.39	0.02	5.5	77.0	56.4	6.01	8.4	50	0.06	8.0	1.35	379	0.36	0.094	2.4	1462	17.76	0.96	0.20	8.8	0.9	15.5	0.60	3.5	0.260	0.16	0.7	168	77.2	50.5
8	55708	20	0.4	0.03	55.5	39.0	0.04	<0.01	0.07	43.6	233.5	71.4	4.48	0.4	10	<0.01	<0.5	<0.01	32	1.17	0.044	135.4	33	3.93	1.60	2.36	<0.1	1.1	3.5	0.18	0.1	0.001	<0.02	0.2	18	0.7	7.5
9	55709	15	<0.1	0.63	1.8	16.5	0.08	2.95	0.76	5.8	60.5	9.6	0.72	2.5	25	0.02	11.0	0.08	357	0.65	0.068	15.3	387	8.71	0.02	0.26	1.5	0.2	108.0	0.08	6.6	0.160	<0.02	0.8	8	0.7	179.9
10	55710	10	<0.1	0.35	1800.0	33.5	<0.02	0.03	0.53	6.1	143.0	41.2	4.58	1.4	295	0.01	6.0	<0.01	86	41.18	0.041	18.6	1365	7.55	0.04	191.90	0.9	0.2	35.0	<0.02	0.4	0.001	1.82	2.8	10	0.1	34.9
11	55711	>1000	>30	0.03	1111.0	141.0	648.20	0.02	5.83	0.8	192.5	914.3	1.59	0.1	47170	0.01	<0.5	<0.01	27	0.99	0.037	7.4	77	>10000	0.52	>2000	0.6	28.3	7.0	134.30	0.2	0.001	0.06	2.2	<2	0.2	13.8
12	55712	760	>30	0.04	174.3	1197.0	57.22	0.40	0.52	5.8	223.0	92.9	0.85	0.2	960	0.03	<0.5	0.02	474	0.78	0.039	11.7	54	4290.00	0.08	65.96	2.4	1.9	26.0	11.10	<0.1	0.005	<0.02	0.5	<2	0.8	20.6
13	55713	100	2.8	0.04	357.3	191.5	3.18	2.27	0.41	5.6	241.0	117.8	1.39	0.2	935	0.03	<0.5	0.05	734	0.75	0.039	25.9	71	160.30	0.02	50.40	5.1	0.2	7.0	0.88	<0.1	0.005	<0.02	0.5	2	0.7	34.6
14	55714	35	0.9	0.04	204.5	1247.0	0.58	0.87	0.29	3.3	241.5	57.4	0.84	0.3	795	0.03	<0.5	0.03	445	0.72	0.038	17.1	88	29.74	0.04	15.00	2.9	<0.1	20.0	0.18	<0.1	0.005	<0.02	0.2	<2	0.2	20.2
15	55715	885	16.2	0.03	76.2	1476.0	40.16	0.09	0.09	0.7	230.5	17.4	0.43	0.2	175	0.01	<0.5	<0.01	91	0.55	0.039	7.6	37	2039.00	0.08	15.44	0.5	1.5	40.5	7.90	<0.1	0.005	<0.02	0.3	<2	0.6	6.0
16	55716	>1000	24.5	0.02	28.2	496.5	50.08	0.12	0.13	0.7	282.5	14.9	0.39	0.1	185	0.01	<0.5	<0.01	68	0.63	0.038	8.7	12	2643.00	0.06	18.12	0.3	2.4	9.5	11.40	<0.1	0.005	<0.02	<0.1	<2	0.1	8.8
17	55717	>1000	>30	0.02	337.9	71.5	201.80	0.01	1.67	1.2	211.5	1211.0	0.74	0.1	38560	0.01	<0.5	<0.01	34	0.98	0.036	7.9	60	9132.00	0.16	909.90	0.4	7.4	3.5	39.94	<0.1	0.005	<0.02	1.2	<2	0.2	8.7
18	55718	100	1.6	0.06	186.3	631.0	1.22	1.56	0.39	4.3	223.5	139.0	1.30	0.3	2150	0.04	<0.5	0.05	911	0.67	0.040	18.9	97	45.59	0.04	40.72	5.7	0.1	15.0	0.42	<0.1	0.005	<0.02	0.4	<2	0.8	40.2
19	55719	20	0.3	0.13	74.1	398.0	0.44	>10	0.85	23.8	9.0	4.5	8.31	0.3	135	0.07	2.5	0.53	2876	1.08	0.039	38.1	115	32.47	<0.02	3.78	1.4	0.3	74.0	0.08	0.6	0.001	0.06	1.4	24	<0.1	158.7
20	55720	115	2.9	0.13	23.2	122.5	0.30	0.03	0.13	26.8	221.0	922.2	1.85	0.7	75	<0.01	<0.5	0.05	53	0.62	0.038	12.2	26	16.53	0.62	3.76	0.4	2.2	3.0	0.18	<0.1	0.001	<0.02	0.2	4	<0.1	13.0
21	55721	60	2.4	0.04	14.9	86.5	0.54	0.03	0.06	36.7	227.5	470.6	1.72	0.3	140	<0.01	<0.5	<0.01	31	0.61	0.038	12.6	12	25.01	0.68	5.96	0.1	2.5	2.0	0.34	<0.1	0.001	<0.02	<0.1	<2	0.6	7.1
22	55722	190	>30	0.57	0.7	75.0	51.60	0.15	0.83	6.8	170.5	1538.0	2.00	2.3	55	0.03	2.0	0.47	324	1.15	0.069	6.2	196	3031.00	0.24	0.54	3.5	13.4	3.5	3.90	1.0	0.028	<0.02	0.6	28	0.2	20.9
23	55723	235	>30	0.65	0.7	126.5	87.52	0.42	0.62	5.7	169.0	2130.0	2.45	3.0	95	0.02	2.5	0.53	394	1.53	0.077	6.3	233	6874.00	0.36	1.12	4.7	21.2	6.5	4.22	1.0	0.038	<0.02	0.7	34	0.3	24.5
QC DATA:																																					
Repeat:																																					
1	55701	45	0.2	0.16	73.0	393.5	0.04	4.35	0.60	7.5	134.0	4.3	4.83	0.5	70	0.12	1.5	0.10	2289	0.51	0.042	11.5	236	24.05	<0.02	1.98	7.5	0.1	5.5	<0.02	1.3	0.001	0.04	0.7	14	0.7	101.8
3	55703	290																																			
10	55710	10	<0.1	0.35	1778.0	33.5	0.08	0.03	0.57	5.9	137.0	40.8	4.49	1.3	310	0.01	6.0	<0.01	84	40.58	0.041	18.1	1338	7.55	0.04	191.80	0.9	0.2	35.0	<0.02	0.4	0.001	1.84	2.8	10	<0.1	34.0
12	55712	815																																			
15	55715	900																																			
19	55719	20	0.3	0.13	76.7	409.5	0.48	>10	0.85	24.7	10.0	4.5	8.61	0.4	125	0.07	2.5	0.55	2914	1.00	0.042	39.8	121	33.22	<0.02	3.84	1.3	0.3	76.5	0.08	0.7	0.001	0.04	1.4	26	<0.1	161.7
23	55723	270																																			

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ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AW 2009- 8114** **Aurora Geosciences**

Et #	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
Resplit:																																				
1	55701	50	0.1	0.16	74.6	389.5	0.10	4.11	0.57	7.4	150.0	4.7	4.73	0.4	90	0.12	1.5	0.10	2190	0.60	0.040	12.4	241	25.45	<0.02	2.06	7.5	0.1	6.0	<0.02	1.3	0.001	0.04	0.7	14	0.6	96.4
Standard:																																				
PB129			11.64	0.86	5.6	74.5	0.48	0.42	58.01	5.1	11.5	1468.0	1.62	2.4	65	0.11	4.5	0.72	390	1.86	0.065	5.5	418	6373.00	0.82	16.62	0.8	0.2	28.5	0.30	0.4	0.047	0.04	0.1	16	0.3	>10000
SF30		830																																		

Aqua Regia Digest/ICPMS Finish

NM/nw
df/msr435Aus
XLS/09

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East
Vancouver, BC Canada V6A 4A3
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Aurora Geosciences Ltd. (Yellowknife)
3506 McDonald Drive
Yellowknife, NT X1A 2H1
Canada

Invoice Date: October 8, 2009
Invoice Number: **VANI032851**
Submitted by: Dave White
Job Number: YKN09000096
Order Number: 379-9514-YT
Project Code: 379-9514-YT
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	SS80	Sieve 100g soil to -80 mesh	84	$2.02	$169.68
2	1DX1	0.5 g Aqua Regia Digestion ICP-MS	84	$12.38	$1039.92
3	DIS-PLP	Warehouse disposition of pulps	84	$0.09	$7.56

Prices reflect discount of 10% where applicable.	Net Total		$1,217.16
	Canadian GST		$60.86
	Grand Total	**CAD**	**$1278.02**

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 1034123
Bank Transit # 07120-003
Swift Code: ROYCCAT2

For payment in US Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 4001533
Bank Transit # 07120-003
Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

RECEIVED
OCT 20 2009

Client: **Aurora Geosciences Ltd. (Yellowknife)**
3506 McDonald Drive
Yellowknife NT X1A 2H1 Canada

Submitted By: Dave White
Receiving Lab: Canada-Yellowknife
Received: September 21, 2009
Report Date: October 07, 2009
Page: 1 of 4

CERTIFICATE OF ANALYSIS YKN09000096.1

CLIENT JOB INFORMATION

Project: 379-9514-YT
Shipment ID:
P.O. Number 379-9514-YT
Number of Samples: 84

SAMPLE DISPOSAL

RTRN-PLP Return
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	84	Dry at 60C sieve 100g to -80 mesh			YKN
Dry at 60C	84	Dry at 60C			YKN
1DX1	84	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Yellowknife)
3506 McDonald Drive
Yellowknife NT X1A 2H1
Canada

CC: Mike Power

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Aurora Geosciences Ltd. (Yellowknife)**
3506 McDonald Drive
Yellowknife NT X1A 2H1 Canada

Project: 379-9514-YT
Report Date: October 07, 2009

CERTIFICATE OF ANALYSIS YKN09000096.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
100	Soil	0.7	30.0	9.8	46	<0.1	20.6	13.2	484	2.59	95.8	0.9	4.1	2.9	9	<0.1	3.6	0.2	31	0.10	0.041
101	Soil	0.6	33.1	13.4	49	0.1	22.2	12.4	427	2.78	101.9	1.1	6.5	2.2	9	<0.1	3.5	0.2	35	0.07	0.028
102	Soil	0.7	24.5	16.1	44	<0.1	20.0	9.4	337	2.73	69.3	0.9	2.9	1.1	8	<0.1	2.3	0.2	39	0.07	0.036
103	Soil	0.6	27.4	17.4	48	<0.1	19.1	9.3	327	2.69	125.5	1.0	3.2	1.4	9	<0.1	2.9	0.2	37	0.07	0.027
104	Soil	0.7	28.3	18.0	52	<0.1	23.0	11.1	380	2.62	80.2	0.8	5.3	2.1	10	<0.1	3.2	0.1	36	0.08	0.024
105	Soil	0.6	16.7	15.4	38	<0.1	16.0	8.0	304	2.20	88.4	0.8	1.9	0.9	9	0.1	2.0	0.2	39	0.11	0.041
106	Soil	0.7	14.8	10.8	40	0.1	17.8	7.3	295	2.12	30.3	0.9	2.7	1.0	9	0.1	0.8	0.2	40	0.11	0.036
107	Soil	0.8	29.1	37.6	58	0.3	26.9	13.0	490	3.05	290.3	1.2	10.4	2.1	11	0.4	5.0	0.2	38	0.11	0.046
108	Soil	1.0	23.2	11.8	41	<0.1	19.4	9.3	298	2.39	171.1	0.8	5.3	1.4	7	0.1	3.1	0.2	36	0.07	0.032
109	Soil	0.9	19.5	11.6	36	<0.1	17.5	8.6	279	2.31	89.2	0.7	2.3	0.8	8	0.1	1.7	0.2	38	0.10	0.038
110	Soil	0.8	28.8	17.9	49	0.1	23.0	13.8	623	3.20	143.6	1.4	9.2	3.1	8	0.1	5.5	0.1	39	0.06	0.033
111	Soil	0.2	8.8	7.1	41	<0.1	12.8	7.1	316	1.93	39.6	0.8	1.7	2.0	10	0.1	1.2	<0.1	28	0.14	0.062
112	Soil	0.7	11.1	7.0	30	<0.1	11.9	6.6	419	2.04	9.4	0.6	2.1	0.6	9	0.1	0.4	0.2	46	0.10	0.031
113	Soil	0.5	17.7	6.0	45	<0.1	16.7	9.6	349	2.53	20.7	0.8	1.5	1.6	8	<0.1	0.7	0.2	39	0.08	0.035
114	Soil	0.3	13.5	3.9	45	<0.1	19.1	12.1	407	2.49	19.1	0.6	2.6	2.4	9	<0.1	0.4	0.1	30	0.13	0.036
115	Soil	0.3	12.8	5.3	40	<0.1	15.8	10.2	367	2.77	10.3	0.7	1.3	1.7	9	<0.1	0.3	0.1	54	0.15	0.044
116	Soil	0.7	23.6	20.7	48	<0.1	21.9	12.1	474	3.05	58.7	0.8	23.4	2.0	11	<0.1	1.3	0.2	54	0.13	0.034
117	Soil	0.6	6.2	4.3	25	<0.1	7.9	4.1	211	1.78	3.8	0.6	0.9	0.4	5	<0.1	0.3	0.1	54	0.07	0.035
118	Soil	0.5	7.6	5.7	34	<0.1	13.9	8.9	431	2.17	5.8	0.8	1.5	0.5	10	<0.1	0.2	0.2	56	0.16	0.071
119	Soil	0.6	13.5	7.3	36	<0.1	16.6	10.2	616	2.72	13.3	0.9	3.7	0.7	9	0.1	0.7	0.2	37	0.12	0.078
120	Soil	0.8	25.1	7.8	50	0.1	25.4	13.4	513	3.59	142.3	0.9	5.9	1.0	9	<0.1	2.2	0.2	46	0.11	0.074
121	Soil	0.6	17.1	8.0	38	<0.1	14.2	7.7	290	2.46	86.9	0.7	2.6	0.8	8	0.1	1.6	0.2	42	0.08	0.035
122	Soil	1.0	32.0	17.4	54	0.2	27.4	13.6	508	3.59	357.0	1.1	11.9	1.9	9	0.1	4.9	0.1	35	0.06	0.033
123	Soil	0.8	16.2	6.9	40	<0.1	14.4	8.4	351	2.61	84.9	0.8	2.5	0.9	9	<0.1	1.5	0.2	44	0.08	0.044
124	Soil	0.7	16.4	6.3	33	<0.1	15.5	10.2	298	2.42	16.3	0.8	2.1	1.4	8	<0.1	0.9	0.2	40	0.10	0.037
125	Soil	0.6	11.9	7.6	32	<0.1	13.2	6.9	296	2.24	7.5	0.7	1.5	0.9	10	<0.1	0.2	0.2	47	0.13	0.039
126	Soil	0.4	13.5	6.6	35	<0.1	16.5	7.3	288	1.91	10.0	0.7	2.4	0.9	9	<0.1	0.6	0.2	33	0.12	0.046
127	Soil	0.6	11.2	6.0	25	<0.1	10.3	6.2	192	2.09	17.9	0.6	2.1	0.5	7	<0.1	0.7	0.2	48	0.08	0.036
128	Soil	0.3	14.4	5.0	38	<0.1	16.2	10.2	427	2.30	18.9	0.8	22.7	2.5	10	0.1	0.9	0.1	36	0.15	0.051
129	Soil	0.4	18.9	5.7	51	<0.1	15.7	10.8	435	2.52	19.1	0.7	2.5	0.9	11	<0.1	0.6	0.1	42	0.15	0.074

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Aurora Geosciences Ltd. (Yellowknife)**
3506 McDonald Drive
Yellowknife NT X1A 2H1 Canada

Project: 379-9514-YT
Report Date: October 07, 2009

CERTIFICATE OF ANALYSIS YKN09000096.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
100	Soil	15	23	0.60	70	0.021	<20	1.22	0.006	0.08	0.3	0.03	2.8	0.1	<0.05	3	<0.5
101	Soil	13	24	0.63	60	0.022	<20	1.25	0.005	0.08	0.3	0.04	2.5	0.2	<0.05	4	<0.5
102	Soil	11	24	0.55	61	0.039	<20	1.18	0.005	0.08	0.6	0.03	1.8	0.1	<0.05	4	<0.5
103	Soil	13	25	0.56	56	0.031	<20	1.32	0.007	0.08	0.5	0.03	2.1	0.1	<0.05	4	<0.5
104	Soil	11	26	0.72	58	0.027	<20	1.36	0.004	0.08	0.7	0.03	2.4	0.2	<0.05	3	<0.5
105	Soil	11	25	0.41	65	0.035	<20	1.09	0.006	0.08	0.4	0.04	1.9	<0.1	<0.05	4	<0.5
106	Soil	11	27	0.46	70	0.048	<20	1.27	0.009	0.07	0.4	0.01	1.6	<0.1	<0.05	5	<0.5
107	Soil	17	29	0.60	74	0.025	<20	1.45	0.008	0.10	0.4	0.07	2.8	0.2	<0.05	4	<0.5
108	Soil	12	26	0.53	55	0.035	<20	1.21	0.007	0.08	1.0	0.02	2.0	<0.1	<0.05	4	<0.5
109	Soil	11	26	0.47	64	0.033	<20	1.08	0.006	0.06	0.4	0.03	1.8	0.1	<0.05	4	<0.5
110	Soil	23	27	0.61	99	0.024	<20	1.22	0.005	0.11	0.4	0.07	3.0	0.2	<0.05	4	0.5
111	Soil	12	18	0.67	70	0.047	<20	1.19	0.006	0.28	0.1	0.01	1.4	0.2	<0.05	4	<0.5
112	Soil	9	24	0.40	47	0.093	<20	1.11	0.008	0.10	0.2	0.03	1.2	0.1	<0.05	5	<0.5
113	Soil	9	26	0.77	46	0.074	<20	1.38	0.008	0.18	0.6	0.02	1.8	0.2	<0.05	4	<0.5
114	Soil	9	23	1.08	68	0.090	<20	1.60	0.007	0.30	1.3	0.01	1.5	0.2	<0.05	4	<0.5
115	Soil	9	24	1.16	80	0.100	<20	1.75	0.008	0.24	0.1	0.02	2.4	0.2	<0.05	6	<0.5
116	Soil	10	43	0.88	77	0.101	<20	1.52	0.009	0.21	0.5	0.01	2.2	0.1	<0.05	6	0.6
117	Soil	5	22	0.68	43	0.062	<20	1.01	0.007	0.06	0.2	0.03	1.3	<0.1	<0.05	5	<0.5
118	Soil	11	56	0.77	95	0.068	<20	1.40	0.009	0.13	0.2	0.01	1.6	0.1	<0.05	6	<0.5
119	Soil	10	28	0.34	72	0.046	<20	1.49	0.006	0.06	0.2	0.05	1.8	0.1	<0.05	4	<0.5
120	Soil	10	46	0.78	119	0.059	<20	1.47	0.007	0.16	4.8	0.06	2.4	0.1	0.06	5	<0.5
121	Soil	9	25	0.53	54	0.066	<20	1.19	0.007	0.14	1.2	0.03	1.6	0.1	<0.05	5	0.5
122	Soil	15	26	0.57	59	0.020	<20	1.15	0.006	0.08	3.1	0.05	3.0	0.2	<0.05	4	<0.5
123	Soil	10	28	0.49	58	0.053	<20	1.19	0.007	0.10	1.5	0.04	1.7	0.1	0.05	5	<0.5
124	Soil	9	20	0.60	54	0.065	<20	1.04	0.007	0.12	0.8	0.02	1.7	0.1	<0.05	4	0.5
125	Soil	9	28	0.52	63	0.072	<20	1.24	0.009	0.09	0.2	0.02	1.5	<0.1	<0.05	6	<0.5
126	Soil	10	28	0.49	75	0.052	<20	0.98	0.006	0.08	0.3	0.01	1.5	0.1	<0.05	4	<0.5
127	Soil	6	19	0.40	55	0.071	<20	0.75	0.005	0.08	0.6	0.01	1.2	<0.1	<0.05	5	<0.5
128	Soil	11	23	0.85	72	0.052	<20	1.24	0.006	0.13	0.5	0.02	2.3	<0.1	<0.05	4	<0.5
129	Soil	8	27	0.84	103	0.063	<20	1.47	0.007	0.15	0.3	0.01	1.8	0.1	<0.05	5	0.5

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Aurora Geosciences Ltd. (Yellowknife)**
3506 McDonald Drive
Yellowknife NT X1A 2H1 Canada

Project: 379-9514-YT
Report Date: October 07, 2009

CERTIFICATE OF ANALYSIS YKN09000096.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
130	Soil	0.5	14.4	5.4	37	<0.1	12.6	8.0	311	2.23	40.8	0.9	5.4	1.6	11	<0.1	1.0	0.1	33	0.20	0.048
131	Soil	0.6	14.4	5.8	39	<0.1	13.1	9.3	426	2.28	119.7	0.9	21.1	2.2	12	<0.1	1.3	0.1	30	0.27	0.040
132	Soil	0.3	27.3	7.5	41	0.1	13.5	11.8	530	2.33	14.7	0.8	27.4	4.6	15	<0.1	1.4	0.1	36	0.24	0.079
133	Soil	0.3	12.0	4.8	33	<0.1	12.2	8.1	320	1.96	17.6	0.8	4.5	1.7	11	<0.1	0.7	<0.1	30	0.15	0.050
134	Soil	0.6	15.8	6.4	33	<0.1	15.3	8.5	309	2.18	27.0	0.8	6.3	1.7	10	<0.1	0.8	0.1	35	0.13	0.041
135	Soil	0.6	9.0	5.3	21	<0.1	8.7	4.6	191	1.61	8.9	1.0	2.6	0.3	10	<0.1	0.4	0.1	42	0.10	0.055
136	Soil	0.6	13.6	8.0	45	<0.1	18.3	6.7	275	2.25	6.8	0.9	<0.5	3.5	8	<0.1	0.3	0.4	42	0.09	0.029
137	Soil	0.5	6.0	3.7	37	<0.1	12.5	8.3	399	2.55	3.3	1.4	0.6	0.6	7	<0.1	0.3	0.2	66	0.08	0.053
138	Soil	0.5	10.6	5.4	28	<0.1	10.5	5.7	243	2.03	8.6	0.7	2.4	0.5	9	<0.1	0.4	0.2	47	0.09	0.049
139	Soil	1.7	33.5	8.9	48	<0.1	23.3	11.7	414	3.17	225.9	1.0	39.7	1.9	9	<0.1	5.5	0.2	38	0.06	0.036
140	Soil	0.7	19.2	7.7	45	<0.1	19.6	9.1	314	2.69	38.6	0.9	1.6	1.8	8	<0.1	1.5	0.3	41	0.07	0.034
141	Soil	0.6	16.9	6.3	40	<0.1	14.4	7.7	307	2.54	36.6	0.7	2.5	1.3	8	<0.1	1.2	0.2	44	0.09	0.045
150	Soil	0.5	12.7	7.2	32	<0.1	14.1	7.6	317	2.10	10.1	0.7	0.9	1.3	10	<0.1	0.6	0.2	44	0.12	0.040
151	Soil	0.5	12.1	8.4	35	<0.1	13.8	5.7	231	1.86	8.9	0.8	0.9	1.4	9	<0.1	0.5	0.3	38	0.13	0.050
152	Soil	0.6	10.3	5.8	40	<0.1	13.4	6.5	332	2.30	16.1	0.7	4.2	1.2	7	<0.1	0.5	0.2	54	0.08	0.031
153	Soil	0.5	9.4	6.6	35	<0.1	14.4	5.8	224	2.02	6.1	0.7	1.4	1.1	9	<0.1	0.5	0.2	45	0.12	0.044
154	Soil	0.6	12.9	7.0	34	<0.1	16.2	6.5	238	2.10	12.4	0.8	1.6	0.8	8	<0.1	0.7	0.2	39	0.09	0.030
155	Soil	0.7	11.5	8.1	30	<0.1	11.9	5.3	236	2.01	10.0	0.8	1.3	0.5	9	<0.1	0.6	0.3	41	0.09	0.041
156	Soil	0.5	15.9	8.0	46	<0.1	18.6	7.7	268	2.38	11.2	0.8	0.8	1.6	9	0.1	0.7	0.3	38	0.09	0.033
157	Soil	0.4	19.6	6.7	43	<0.1	20.0	11.0	430	2.24	25.1	0.9	0.8	1.3	10	0.1	1.1	0.2	35	0.14	0.072
158	Soil	0.3	16.4	5.3	49	<0.1	11.0	11.9	536	3.14	8.2	0.8	1.6	1.6	11	0.1	0.8	0.2	53	0.18	0.076
159	Soil	1.3	47.1	237.6	412	0.8	18.0	16.8	1477	5.39	794.0	4.5	151.3	1.3	8	2.4	36.0	0.2	65	0.05	0.060
160	Soil	0.7	23.1	22.2	41	0.1	18.6	8.6	308	2.41	173.7	1.0	2.6	1.4	9	0.2	4.0	0.2	36	0.09	0.035
161	Soil	0.5	23.7	42.4	43	0.2	18.9	9.3	340	2.43	139.4	0.9	4.8	1.1	9	0.3	4.1	0.3	36	0.09	0.040
162	Soil	0.6	26.3	27.0	43	<0.1	22.5	11.8	405	2.57	142.5	1.1	4.6	2.7	10	0.1	5.1	0.2	33	0.12	0.057
163	Soil	0.6	25.1	18.8	44	0.1	18.8	10.3	388	2.52	173.2	1.1	7.0	1.8	13	0.1	4.5	0.2	34	0.14	0.061
164	Soil	0.6	34.5	25.5	53	<0.1	24.3	15.3	536	3.06	86.3	1.0	5.2	5.0	15	0.1	4.6	0.2	43	0.19	0.068
165	Soil	0.7	30.9	18.1	47	<0.1	22.3	11.0	395	2.77	75.9	1.0	14.7	2.2	12	0.1	4.4	0.2	40	0.11	0.042
166	Soil	0.7	29.7	12.6	44	<0.1	22.7	11.2	414	2.71	80.6	1.1	7.5	2.1	11	<0.1	4.0	0.2	40	0.11	0.045
167	Soil	0.6	26.8	10.2	44	<0.1	20.6	11.6	413	2.53	83.6	1.0	3.9	2.9	11	0.1	3.9	0.3	34	0.11	0.047

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Project: 379-9514-YT
Report Date: October 07, 2009

CERTIFICATE OF ANALYSIS YKN09000096.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
130	Soil	10	20	0.58	95	0.043	<20	1.00	0.006	0.09	1.7	0.04	1.7	<0.1	<0.05	4	<0.5
131	Soil	11	21	0.51	213	0.034	<20	1.01	0.008	0.11	0.3	0.04	2.7	0.1	<0.05	4	<0.5
132	Soil	12	23	0.87	102	0.055	<20	1.26	0.007	0.19	0.4	0.06	3.0	0.1	<0.05	4	<0.5
133	Soil	9	21	0.63	65	0.060	<20	0.97	0.006	0.16	0.9	<0.01	1.7	<0.1	<0.05	3	<0.5
134	Soil	11	23	0.53	60	0.049	<20	1.06	0.007	0.10	0.5	0.02	1.9	<0.1	<0.05	4	0.8
135	Soil	7	23	0.31	69	0.059	<20	0.65	0.006	0.06	0.2	0.04	0.9	<0.1	<0.05	4	<0.5
136	Soil	14	24	0.52	73	0.076	<20	1.16	0.006	0.08	0.4	0.01	1.9	0.1	<0.05	6	<0.5
137	Soil	5	45	1.09	65	0.083	<20	1.44	0.007	0.17	<0.1	0.04	1.4	<0.1	<0.05	7	<0.5
138	Soil	7	21	0.50	76	0.095	<20	1.01	0.006	0.12	0.2	0.03	1.3	0.1	0.06	5	<0.5
139	Soil	13	27	0.65	65	0.037	<20	1.22	0.007	0.09	2.0	0.06	2.7	0.3	<0.05	3	0.5
140	Soil	10	27	0.63	74	0.077	<20	1.22	0.006	0.13	0.6	0.03	2.1	0.2	<0.05	4	<0.5
141	Soil	7	29	0.65	74	0.101	<20	1.23	0.004	0.18	0.5	0.04	1.6	0.1	<0.05	4	<0.5
150	Soil	12	26	0.53	112	0.082	<20	0.99	0.005	0.10	0.6	0.02	1.7	<0.1	<0.05	5	<0.5
151	Soil	10	25	0.46	63	0.063	<20	1.00	0.006	0.09	0.4	0.02	1.7	0.1	<0.05	5	<0.5
152	Soil	6	32	0.77	70	0.102	<20	1.17	0.006	0.15	0.3	0.02	2.1	0.1	<0.05	6	<0.5
153	Soil	10	27	0.60	65	0.071	<20	1.18	0.006	0.13	0.2	0.02	2.2	0.1	<0.05	5	<0.5
154	Soil	9	26	0.50	52	0.068	<20	1.11	0.007	0.08	0.4	0.02	1.4	0.1	<0.05	4	<0.5
155	Soil	11	23	0.36	63	0.060	<20	1.05	0.006	0.08	0.3	0.04	1.1	0.1	<0.05	4	<0.5
156	Soil	11	27	0.59	60	0.074	<20	1.36	0.007	0.11	0.2	0.04	1.6	0.1	<0.05	4	<0.5
157	Soil	11	23	0.58	75	0.051	<20	1.50	0.004	0.12	0.3	0.05	1.7	0.1	<0.05	3	0.6
158	Soil	9	19	1.14	104	0.115	<20	1.91	0.008	0.36	0.2	0.01	1.5	0.2	<0.05	5	<0.5
159	Soil	7	21	0.19	240	0.010	<20	0.88	0.004	0.07	2.3	0.29	3.5	0.3	<0.05	3	<0.5
160	Soil	13	24	0.52	62	0.039	<20	1.14	0.006	0.08	0.6	0.04	1.8	0.1	<0.05	4	<0.5
161	Soil	12	23	0.51	82	0.037	<20	0.97	0.006	0.07	0.9	0.04	1.8	<0.1	<0.05	4	<0.5
162	Soil	14	26	0.62	90	0.027	<20	1.13	0.005	0.08	0.6	0.04	2.3	0.1	<0.05	3	<0.5
163	Soil	14	21	0.54	96	0.028	<20	1.01	0.006	0.09	0.6	0.03	2.3	0.1	<0.05	3	<0.5
164	Soil	16	23	0.79	131	0.044	<20	1.57	0.007	0.19	1.0	0.04	3.2	0.2	<0.05	3	<0.5
165	Soil	13	27	0.66	73	0.037	<20	1.28	0.006	0.10	0.6	0.03	2.6	0.1	<0.05	4	<0.5
166	Soil	14	26	0.57	82	0.035	<20	1.20	0.007	0.08	0.3	0.04	2.5	0.1	<0.05	4	<0.5
167	Soil	15	22	0.51	100	0.027	<20	1.21	0.005	0.07	0.2	0.03	2.5	0.1	<0.05	4	<0.5

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Project: 379-9514-YT
Report Date: October 07, 2009

CERTIFICATE OF ANALYSIS YKN09000096.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
168	Soil	0.7	22.0	10.6	39	<0.1	18.6	8.6	332	2.39	41.5	1.0	1.0	0.9	11	<0.1	2.2	0.2	43	0.12	0.051
169	Soil	0.6	32.0	11.9	47	0.1	21.4	10.9	425	2.67	76.5	1.2	5.7	3.1	14	<0.1	4.6	0.2	34	0.20	0.065
170	Soil	0.7	14.0	10.1	35	0.4	15.7	5.9	215	2.12	29.6	0.9	1.2	0.7	9	<0.1	1.2	0.3	43	0.10	0.035
171	Soil	0.4	22.1	7.1	54	<0.1	17.1	11.0	444	2.60	85.0	0.7	7.7	2.9	10	<0.1	2.9	<0.1	27	0.10	0.034
172	Soil	0.6	31.7	14.0	53	0.1	26.2	13.3	451	3.25	110.7	1.1	7.8	2.0	11	<0.1	4.3	0.2	42	0.08	0.036
173	Soil	0.5	14.6	8.0	38	<0.1	15.8	7.5	292	2.61	7.8	0.9	<0.5	3.3	12	0.1	0.5	0.2	58	0.18	0.050
174	Soil	0.6	16.2	7.0	42	<0.1	16.8	9.3	351	2.60	22.0	0.9	2.9	1.4	11	<0.1	1.0	0.3	43	0.11	0.043
175	Soil	1.7	15.5	6.5	42	<0.1	15.9	9.9	423	2.91	26.5	0.7	1.5	1.9	9	<0.1	1.3	0.2	49	0.08	0.036
176	Soil	0.4	6.2	8.5	80	<0.1	18.6	11.4	694	3.12	5.5	1.0	1.1	3.3	11	<0.1	0.6	0.1	76	0.21	0.100
177	Soil	0.7	11.5	8.2	34	<0.1	13.7	6.0	252	1.96	11.0	0.9	1.3	1.5	10	<0.1	0.6	0.4	41	0.11	0.042
178	Soil	0.5	11.5	7.3	42	<0.1	13.8	7.7	469	2.20	9.0	0.8	0.9	1.8	11	0.1	0.5	0.2	44	0.12	0.045
179	Soil	0.5	22.2	7.4	47	<0.1	18.6	11.2	468	2.56	38.1	1.0	5.7	2.8	12	0.2	1.7	0.2	37	0.13	0.057
180	Soil	0.8	18.9	7.0	61	0.1	15.5	11.3	567	2.96	213.5	1.0	28.7	3.6	14	0.1	3.1	0.2	33	0.29	0.062
181	Soil	1.2	30.3	13.3	76	0.3	18.0	13.8	973	3.79	508.2	2.1	55.4	2.5	29	0.2	4.5	0.2	39	0.94	0.108
182	Soil	0.4	17.7	11.9	57	<0.1	24.4	12.9	488	2.75	47.6	1.0	2.4	2.6	14	0.1	1.0	0.2	42	0.30	0.052
183	Soil	0.5	20.9	7.5	38	0.1	15.7	7.5	282	2.11	19.7	1.1	6.4	1.3	9	<0.1	1.0	0.2	37	0.10	0.052
184	Soil	0.6	12.4	6.7	39	<0.1	18.4	9.8	373	2.46	12.1	0.7	1.7	1.8	10	0.1	0.6	0.2	44	0.13	0.053
185	Soil	0.2	4.0	5.8	59	<0.1	7.5	7.6	301	2.47	18.5	0.9	<0.5	1.4	5	0.2	12.7	0.1	27	0.06	0.032
186	Soil	0.7	14.4	8.9	47	<0.1	33.1	10.7	417	2.41	8.9	1.5	2.3	2.3	11	0.1	0.5	0.2	52	0.15	0.039
187	Soil	0.5	9.0	6.8	25	<0.1	11.0	4.3	182	1.57	10.0	0.7	0.9	0.3	9	<0.1	0.4	0.2	40	0.10	0.037
188	Soil	0.4	13.5	4.8	42	<0.1	13.7	7.8	348	2.28	11.3	0.9	1.6	1.5	10	<0.1	1.7	0.2	37	0.12	0.039
189	Soil	1.0	29.4	24.0	50	0.1	25.6	14.0	489	2.84	186.4	1.1	7.7	2.4	9	0.2	5.4	0.2	33	0.07	0.035
190	Soil	0.9	18.0	11.1	35	<0.1	16.1	7.2	297	2.14	44.0	1.0	2.1	0.4	9	<0.1	1.6	0.2	43	0.10	0.064
191	Soil	1.0	28.1	40.9	55	0.1	25.8	13.0	476	2.80	226.4	1.1	6.4	1.5	9	0.3	5.3	0.2	36	0.07	0.035

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Project: 379-9514-YT
Report Date: October 07, 2009

CERTIFICATE OF ANALYSIS YKN09000096.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
168	Soil	14	26	0.47	97	0.045	<20	1.21	0.007	0.07	0.3	0.03	1.8	0.1	<0.05	5	<0.5
169	Soil	20	22	0.63	173	0.021	<20	1.16	0.006	0.08	0.4	0.06	2.8	0.1	<0.05	3	<0.5
170	Soil	11	21	0.40	63	0.051	<20	1.25	0.008	0.06	0.3	0.03	1.4	0.1	<0.05	5	<0.5
171	Soil	12	25	0.91	124	0.078	<20	1.45	0.005	0.39	0.4	0.04	1.9	0.2	<0.05	3	<0.5
172	Soil	18	26	0.59	91	0.026	<20	1.32	0.007	0.07	0.4	0.03	3.0	0.2	<0.05	4	0.5
173	Soil	12	32	0.94	94	0.129	<20	1.69	0.012	0.26	0.2	0.03	2.1	0.2	<0.05	7	0.6
174	Soil	11	25	0.75	78	0.087	<20	1.40	0.007	0.19	0.4	0.03	1.7	0.2	<0.05	5	<0.5
175	Soil	7	25	0.93	83	0.109	<20	1.50	0.005	0.24	0.4	0.03	2.2	0.1	<0.05	5	<0.5
176	Soil	12	39	1.86	150	0.132	<20	2.26	0.006	0.48	0.1	0.03	6.5	0.3	<0.05	10	<0.5
177	Soil	10	22	0.41	72	0.077	<20	1.00	0.007	0.09	0.2	0.03	1.4	<0.1	<0.05	5	<0.5
178	Soil	11	27	0.73	91	0.080	<20	1.31	0.007	0.17	0.2	0.02	1.9	0.2	<0.05	5	<0.5
179	Soil	13	25	0.68	94	0.047	<20	1.23	0.005	0.09	0.4	0.01	2.2	<0.1	<0.05	4	<0.5
180	Soil	13	20	0.72	244	0.042	<20	1.14	0.005	0.17	0.3	0.14	3.4	<0.1	0.05	3	<0.5
181	Soil	24	24	0.85	557	0.038	<20	1.43	0.008	0.22	0.5	0.22	4.9	0.1	0.10	4	<0.5
182	Soil	13	43	0.93	221	0.063	<20	1.40	0.006	0.15	0.5	0.02	3.0	0.1	<0.05	4	<0.5
183	Soil	13	26	0.61	123	0.040	<20	1.33	0.010	0.07	0.9	0.06	2.0	0.1	<0.05	4	<0.5
184	Soil	9	36	0.83	86	0.082	<20	1.27	0.005	0.15	0.2	<0.01	2.3	0.1	<0.05	4	<0.5
185	Soil	9	15	0.57	105	0.030	<20	1.14	0.003	0.28	0.2	0.02	2.4	0.2	<0.05	3	<0.5
186	Soil	12	53	1.01	92	0.137	<20	1.48	0.009	0.10	0.3	0.01	2.1	0.1	<0.05	5	<0.5
187	Soil	7	22	0.31	66	0.056	<20	0.89	0.006	0.05	5.9	0.02	0.9	<0.1	<0.05	5	<0.5
188	Soil	8	21	0.76	89	0.083	<20	1.25	0.007	0.20	0.4	0.01	1.7	0.2	<0.05	4	<0.5
189	Soil	16	27	0.64	72	0.021	<20	1.19	0.004	0.09	0.7	0.04	2.7	<0.1	<0.05	3	<0.5
190	Soil	10	25	0.40	92	0.036	<20	1.04	0.005	0.05	0.3	0.03	1.2	0.1	<0.05	4	<0.5
191	Soil	15	26	0.51	127	0.024	<20	1.24	0.005	0.07	0.5	0.04	2.3	0.1	<0.05	4	<0.5

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Project: 379-9514-YT
Report Date: October 07, 2009

QUALITY CONTROL REPORT YKN09000096.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
108	Soil	1.0	23.2	11.8	41	<0.1	19.4	9.3	298	2.39	171.1	0.8	5.3	1.4	7	0.1	3.1	0.2	36	0.07	0.032
REP 108	QC	1.1	23.9	11.8	44	<0.1	19.9	9.9	318	2.53	177.8	0.9	41.2	1.5	8	0.2	3.1	0.2	36	0.08	0.033
165	Soil	0.7	30.9	18.1	47	<0.1	22.3	11.0	395	2.77	75.9	1.0	14.7	2.2	12	0.1	4.4	0.2	40	0.11	0.042
REP 165	QC	0.7	32.7	18.4	49	<0.1	22.4	11.7	435	3.00	80.5	1.1	7.7	2.4	11	0.1	4.3	0.2	41	0.11	0.042
Reference Materials																					
STD DS7	Standard	19.9	96.3	66.2	354	0.7	48.9	8.4	578	2.17	45.9	4.7	45.9	4.1	66	5.9	3.9	4.0	77	0.90	0.067
STD DS7	Standard	21.9	113.5	76.5	407	0.8	58.1	9.0	627	2.38	51.8	5.1	69.3	4.7	74	6.9	5.5	4.8	86	0.94	0.080
STD DS7	Standard	21.8	118.5	76.8	419	0.8	60.1	9.3	637	2.50	53.5	5.2	61.3	4.9	76	7.0	5.6	5.3	82	0.99	0.088
STD OREAS45PA	Standard	0.8	619.9	17.5	121	0.3	297.3	111.5	1119	16.59	4.8	1.0	42.3	6.0	14	<0.1	<0.1	0.2	210	0.22	0.034
STD OREAS45PA	Standard	0.8	563.2	19.8	118	0.2	272.1	104.2	1043	15.97	5.0	1.2	43.2	6.6	15	0.1	0.1	0.2	186	0.22	0.035
STD OREAS45PA	Standard	1.1	571.0	20.4	115	0.2	283.4	102.2	1056	16.13	5.2	1.3	52.7	7.0	15	<0.1	0.2	0.2	187	0.23	0.036
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
STD OREAS45PA Expected		0.9	600	19	119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221	0.2411	0.034
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: 379-9514-YT
Report Date: October 07, 2009

QUALITY CONTROL REPORT YKN09000096.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
108	Soil	12	26	0.53	55	0.035	<20	1.21	0.007	0.08	1.0	0.02	2.0	<0.1	<0.05	4	<0.5
REP 108	QC	12	27	0.58	57	0.035	<20	1.32	0.007	0.08	1.0	0.03	2.1	0.1	<0.05	4	<0.5
165	Soil	13	27	0.66	73	0.037	<20	1.28	0.006	0.10	0.6	0.03	2.6	0.1	<0.05	4	<0.5
REP 165	QC	14	28	0.68	75	0.037	<20	1.36	0.006	0.10	0.8	0.04	2.8	0.1	<0.05	4	<0.5
Reference Materials																	
STD DS7	Standard	12	196	0.95	361	0.110	39	0.94	0.092	0.41	3.7	0.17	2.4	4.3	0.18	5	4.0
STD DS7	Standard	13	198	1.03	426	0.130	27	0.99	0.096	0.48	3.6	0.18	2.9	4.0	0.18	5	3.5
STD DS7	Standard	13	204	1.08	420	0.131	40	1.08	0.107	0.46	3.6	0.18	2.7	4.3	0.18	5	3.4
STD OREAS45PA	Standard	15	822	0.10	179	0.122	<20	3.28	0.011	0.07	<0.1	0.02	38.8	0.1	<0.05	17	1.1
STD OREAS45PA	Standard	16	729	0.10	192	0.134	<20	3.07	0.011	0.07	<0.1	0.02	42.9	<0.1	<0.05	16	0.7
STD OREAS45PA	Standard	16	722	0.10	209	0.131	<20	3.03	0.012	0.07	<0.1	0.03	39.6	<0.1	<0.05	16	0.6
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
STD OREAS45PA Expected		16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	43	0.07	0.03	16.8	0.54
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5