PROSPECTING AND GEOCHEMICAL SURVEYS ON THE RISBY CREEK PROPERTY

NTS: 105G 10,11,14,15 Watson Lake Mining District, Yukon Territory, Canada

61°43'N 130° 52'W

Author
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CLAIMS:
RC 13-180 (YC94775 – YC94942)

WORK PERFORMED:
June 6-15, 2013

July 31, 2013

Prepared for:
Panarc Resources Ltd.

Prepared by:

AURORA GEOSCIENCES

TECHNICAL REPORT
PROSPECTING AND GEOCHEMICAL SURVEYS ON THE RISBY CREEK PROPERTY

Effective Date: July 31, 2013

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TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

1 EXECUTIVE SUMMARY

The Risby Creek Property is located at 61°43'N 130° 52' W on NTS 105G 10,11,15 & 16 in the Watson Lake Mining District, 83 km ESE of Ross River, Yukon. The Property is accessible by road from the Campbell Highway and consists of 168 Quartz Claims recorded in the Watson Lake Mining District.

The property is underlain by a dominantly shallow north-dipping succession of phyllites, carbonates and cherts in a klippe between the Jules Creek and Money Creek Thrust Faults. In the area of the main showing, the north dipping succession appears to be cut by a north trending, east verging thrust fault localized in a graphitic argillite horizon. Rocks within a few metres of the fault are strongly deformed but the remainder of the succession shows only a regional bedding-parallel foliation. Gold is found with quartz, pyrite, arsenopyrite and limonite in abundant float along a 200 m section of Risby Creek (Main Showing) in an area underlain by Carboniferous carbonates and lesser phyllite. Gold occurs with pyrite and variable arsenopyrite in quartz veins or limestone replacement zones that ranges from massive to sucrosic in texture.

Gold mineralization was discovered on a small, informally named creek (Risby Creek) by Pete Risby in 2009. The Risby Creek Property was staked in June of that year and explored by mapping and sampling in July and September. Exploration work was conducted by Panarc Resources on the property in 2012, focusing on the Main Showing and in 2013, focusing on the adjacent areas in the claim block. This report describes prospecting, geological mapping, geochemical surveys and trenching conducted from June 6 to 15, 2013. During this period, a two-man crew conducted geochemical, prospecting and geological mapping traverses in the unexplored portions of the property. The results of this work failed to locate additional mineralization distant from the Main Showing and suggest that the mineralization is confined to the Carboniferous carbonate rock unit.

2 INTRODUCTION

Aurora Geosciences Ltd. was retained by Panarc Resources Ltd. to conduct prospecting and geochemical sampling on the Risby Creek Property in the Watson Lake Mining District, Yukon Territory. The purpose of this work was to investigate gold mineralization on the property.

All geographic locations in this report are relative to North American Datum 1983. Non-geodetic coordinates are expressed in Universal Transverse Mercator Zone 9N metric coordinates. All measurements are expressed in the metric system unless they are measurements quoted from historic reports expressed in other units of measure. All geophysical data units are in the metric SI system. Angles are expressed relative to true north unless otherwise stated.

3 LOCATION & ACCESS

The Risby Creek Property is located at 61°43'N 130° 52' W on NTS 105G 10, 11, 14 & 15 in the Watson Lake Mining District. The property location is shown in Figure 1. The property is 83 km ESE of Ross River, 138 km ESE of Faro and 225 km NNW of Watson Lake. The property is centred at approximately km 158 on the Robert Campbell Highway which parallels the southern boundary of the Property. It can be also be reached by helicopter from Faro, Ross River or Watson Lake.

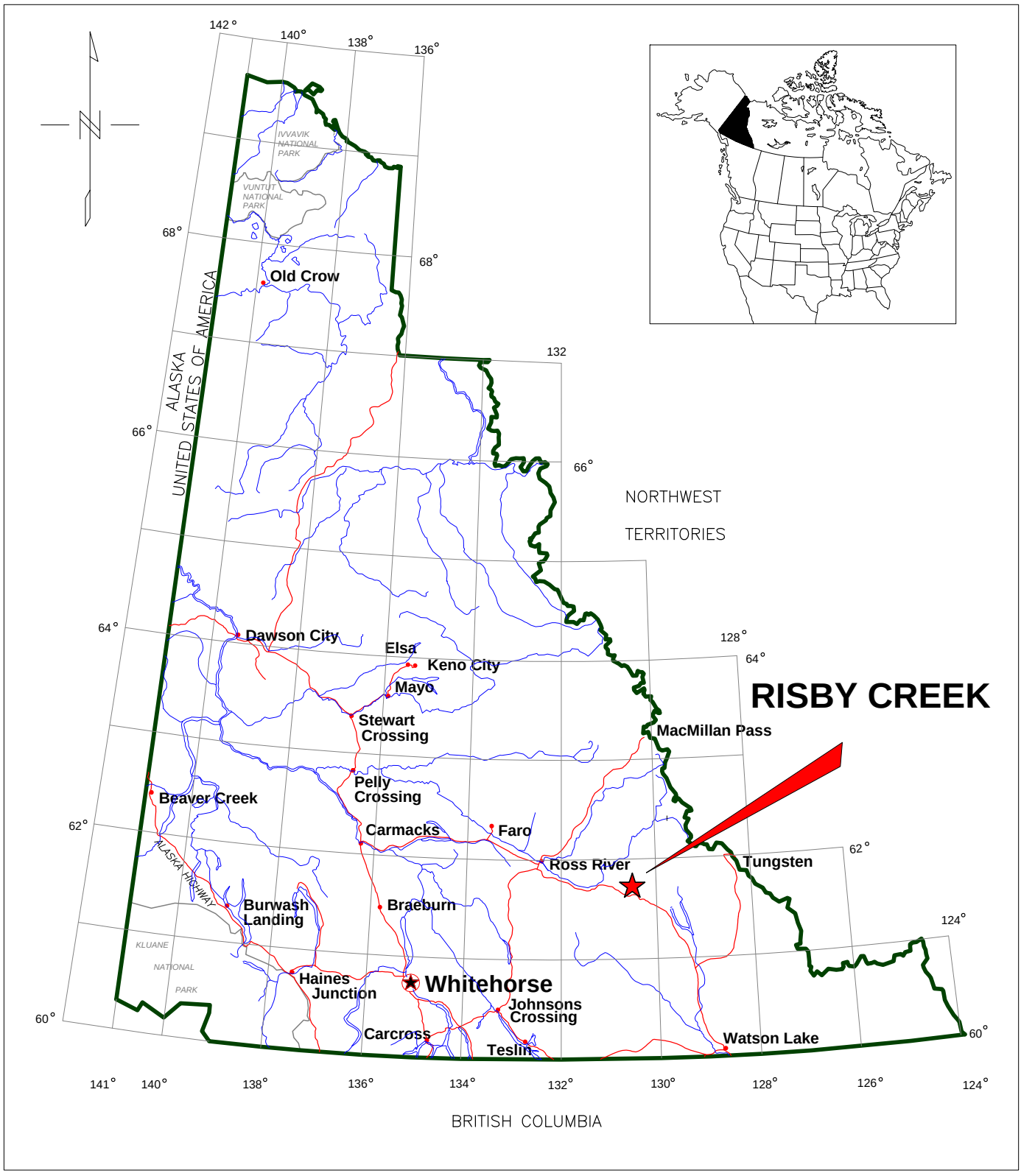
4 PROPERTY DESCRIPTION

The Risby Creek Property consists of 168 Quartz Claims staked under the Yukon Quartz Mining Act and recorded in the Watson Lake Mining District. Claim locations are shown in Figure 2 and claim information[1] is summarized below:

Table 1. Claim data

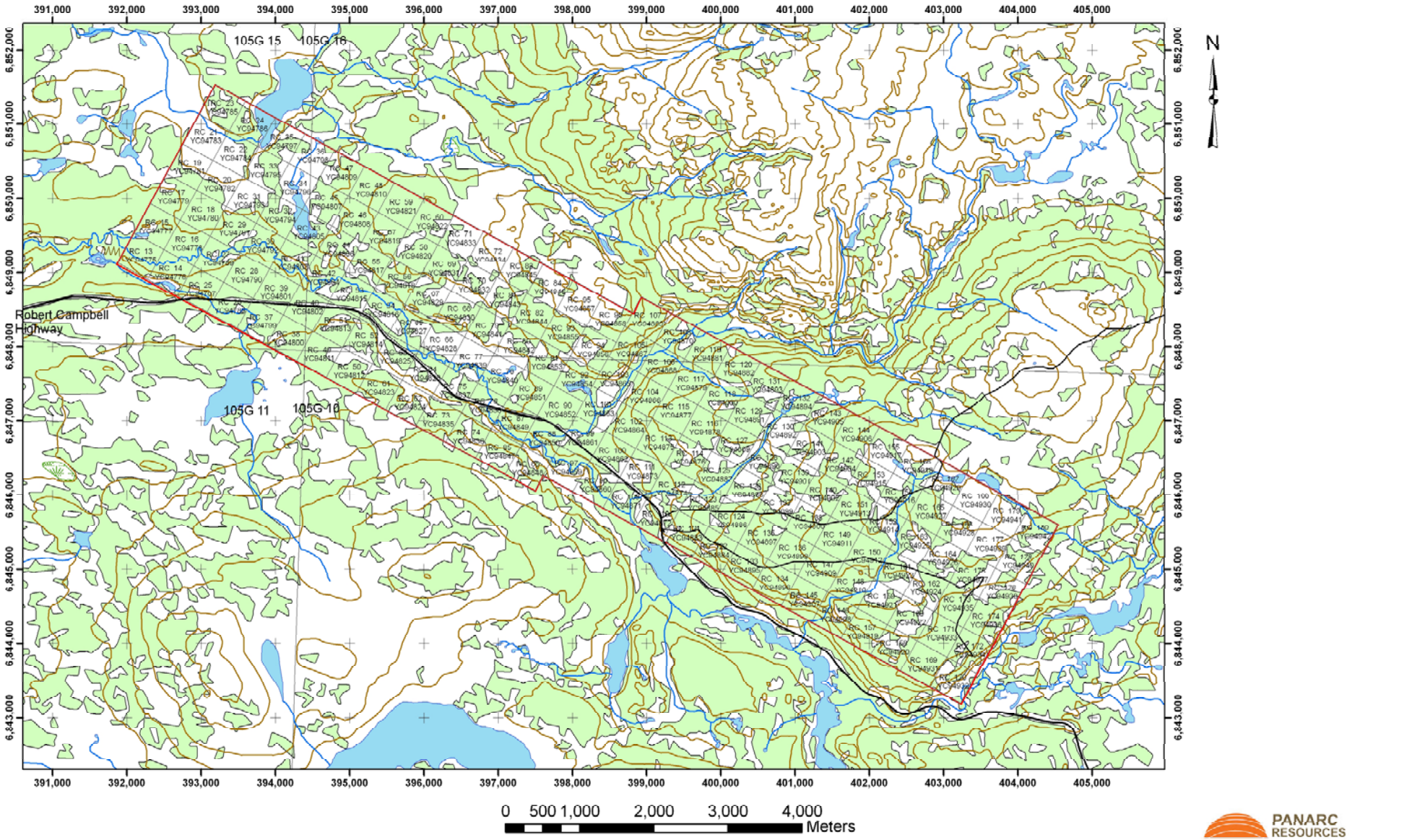
Grant Number	Claims	Expiry date	Map Sheet
YC94775 - YC94804	RC 13 - 42	June 16, 2014	105G14
YC94805 - YC94810	RC 43 - 48	June 16, 2014	105G15
YC94811 - YC94812	RC 49 - 50	June 16, 2014	105G10
YC94813 - YC94822	RC 51 - 60	June 16, 2014	105G15
YC94823 - YC94826	RC 61 - 64	June 16, 2014	105G10
YC94827 - YC94834	RC 65 - 72	June 16, 2014	105G15
YC94835 - YC94840	RC 73 - 78	June 16, 2014	105G10
YC94841 - YC94846	RC 79 - 84	June 16, 2014	105G15
YC94847 - YC94854	RC 85 - 92	June 16, 2014	105G10
YC94855 - YC94858	RC 93 -96	June 16, 2014	105G15
YC94859 - YC94868	RC 97 - 106	June 16, 2014	105G10

[1] Claim information as provided by the Watson Lake Mining Recorder (www.yukonminingrecorder.ca) on July 12, 2013. Anniversary dates reflect the value of work described in this report.



100000 0 100000
(meters)

PANARC RESOURCES LTD.	
RISBY CREEK PROPERTY **Figure 1. Property Location Map**	
NTS: 105 G11 Datum: NAD83 Job: PRL-12536-YT	Mining District: Whitehorse Projection: Yukon Albers Date: 30 Jul 12
AURORA GEOSCIENCES LTD.	



RISBY CREEK PROPERTY
Figure 2. Claim Locations

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NTS: 105G 10,11,16,16
Datum: NAD83
Job: PRL-12536-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 30 Jul 2012

YC94869 - YC94870	RC 107 - 108	June 16, 2014	105G15
YC94871 - YC94894	RC 109 - 132	June 16, 2014	105G10
YC94895 - YC94900	RC 133 - 138	June 16, 2022	105G10
YC94901 - YC94906	RC 139 - 144	June 16, 2014	105G10
YC94907 - YC94912	RC 145- 150	June 16, 2022	105G10
YC94913 - YC94918	RC 151 - 156	June 16, 2014	105G10
YC94919 - YC94922	RC 157 - 160	June 16, 2022	105G10
YC94923 - YC94942	RC 161 - 180	June 16, 2014	105G10

The claims comprising the property may be retained in good standing by performing assessment work in the amount of $100 per claim and paying assessment filing fees of $10 per claim.

5 CLIMATE & TOPOGRAPHY

The Risby Creek Property is located in the central Yukon Territory. Climate in the area consists of long cold winters; short, generally dry summers; and brief fall and spring seasons. Climatic data for Faro, 138 km WNW from the property area using the nearest station at Faro is summarized by Environment Canada (2012) and is summarized below:

Mean annual temperature	-2.2 C
Min / Max / Average (Jan)	7C / -51C / -21C
Min / Max / Average (Jul)	34C / 6 C / 15C
Annual precipitation	316mm

The property is located in the Pelly Mountains of the Central Yukon. Topography is subdued in the area consisting of rounded hills with a few local ravines. Elevations range from 3000 feet (915 m) to 3800 feet (1180 m) on the property. The area is poorly drained with intermittent to small creeks flowing south towards Campbell Creek along the southern property boundary. South facing slopes are covered with poplar while slopes with other aspect are covered largely by black spruce. Valley bottoms locally contain thick stands of willow and alder.

6 EXPLORATION HISTORY

Mineralization at Risby Creek was first discovered by Pete Risby in May 2009. He noted pyritic boulders in the creek bed and staked the property in mid-June of that year. Underworld Resources visited the property and sampled the occurrences in June 2009 and Carl Schulz of All Terrane Mineral Exploration Services Ltd. conducted mapping and prospecting on the property in September 2009. Panarc Resources Ltd. optioned the property from 7606 Yukon Ltd. (Pete Risby's holding company) in May 2012 and conducted a program of blast trenching, mapping, geochemical surveys and prospecting on the property later that year.

7 REGIONAL GEOLOGY

The regional geology in the property area is summarized by Gordey and Makepiece (2000). Murphy *et. al.* (2001) conducted regional mapping in the area following the volcanogenic massive sulphide discoveries in the Finlayson District. The regional geology in the property area is shown in Figure 3.

7.1 Tectonic setting

The property is located in the Yukon Tanana Terrane, south of the Tintina Fault. The Yukon Tanana Terrane consists of a package of Devonian through Pennsylvanian marine metasedimentary and lesser mafic and felsic volcanic rocks which was assembled outboard from North America and docked with the craton during a Triassic collision event. During collision, the package was deformed and metamorphosed to upper greenschist – lower amphibolite facies. The terrane was subsequently ruptured during Tertiary displacement on the Tintina Fault, offsetting a section north of the Tintana Fault ("Yukon Banana") approximately 400 km southeast of equivalent rocks in the western Yukon and Alaska. The Risby Creek Property is situated in this allocthon.

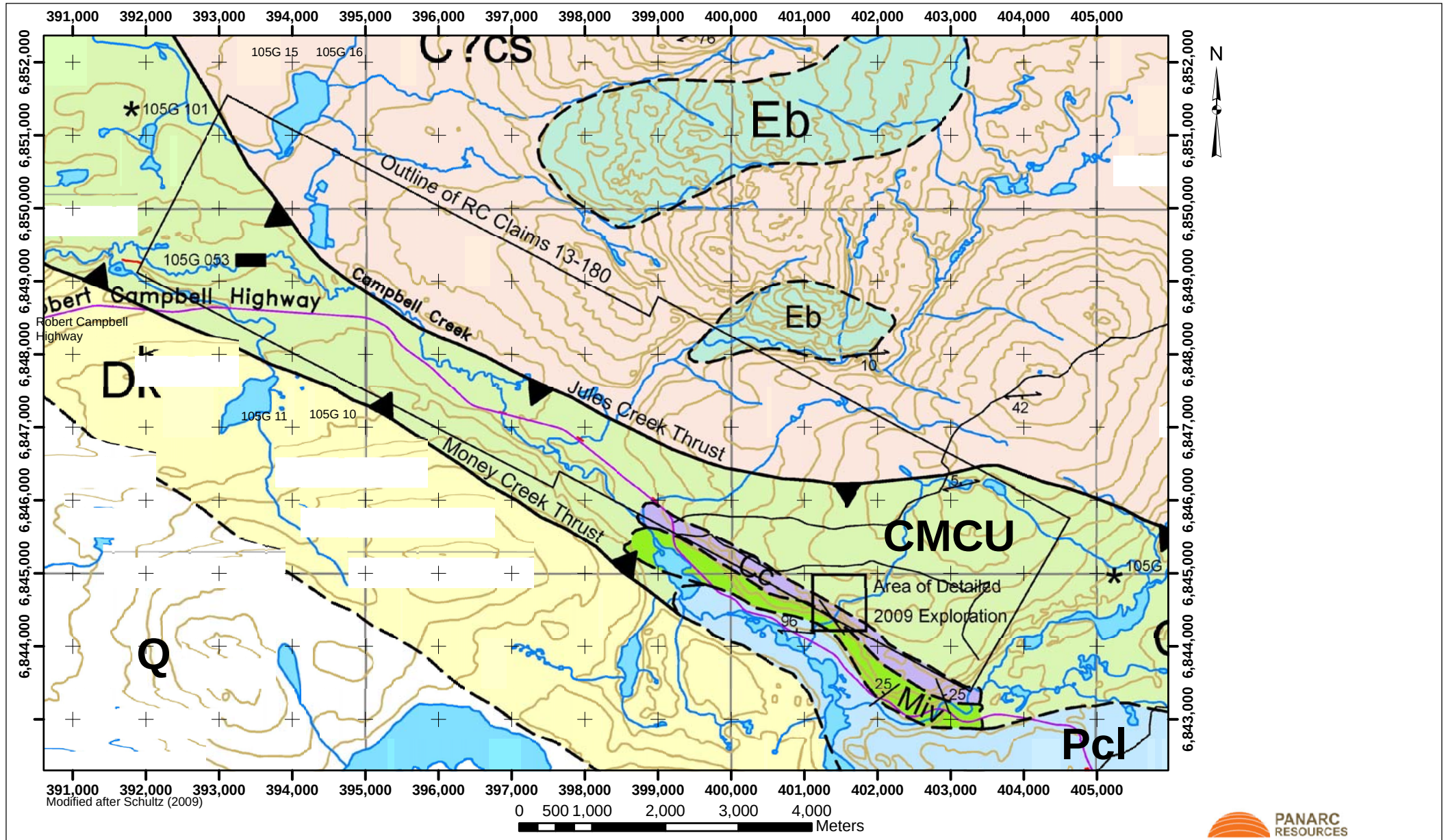
The Risby Creek Property is located in a klippe between two west northwest striking thrust faults. The Jules Creek thrust fault to the north dips south while the Money Creek thrust fault south of the property dips to the north, isolating the dominantly north dipping Campbell Range Succession between the two faults (Murphy *et. al.,* 2001).

7.2 Stratigraphy

The following rock units described in Murphy *et. al.* (ibid) are present in the property area:

Table 2. Regional stratigraphy in the project area

Rock Unit [Age]	Name	Description
Q [Quaternary]		Glacial till
Eb [Eocene]		Massive dark green to black fine grained basalt
C?cs [Carboniferous?]		Variably foliated dark grey phyllite, white ribbon chert, quartz and quartz feldspar sandstone, grit and conglomerate
Pcl [Permian]		Dark grey phyllite, chert, chert-pebble conglomerate, greywacke, diamictite and minor limestone
CMCU [Carboniferous]	Campbell Range Succession	Undifferentiated layered rocks including intermediate to felsic metavolcanic rocks, carbonate, chert, greywacke and phyllite
Cc [Carboniferous]		Massive grey bioclastic crinoidal limestone
Miv [Mississippian]		Green to white chlorite-muscovite, quartz phyllite
Dk [Devonian]	Kudz Ze Kaya Metavolcanic Unit	Undifferentiated foliated feldspar-muscovite-quartz schist or phyllite



Modified after Schultz (2009)

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RISBY CREEK PROPERTY
Figure 3. Regional Geology

NTS: 105G 10,11,16,16
Datum: NAD83
Job: PRL-12536-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 20 Aug 2012

7.3 Structure

In the property area, foliation and bedding dip moderately to the north in the klippe between the Jules Creek and Money Creek Thrusts. There are structural complexities apparent in the area of the main showing including steeply-dipping NE-striking faults of minimal displacement and tight to isoclinal fold with NW striking fold axes which are likely present elsewhere in the Campbell Range Succession.

8 WORK PROGRAM

This section describes the work program conducted on the Risby Creek Property in 2013. Prospecting and geochemical surveys were conducted on the Property and these are described in the following sections. Appendix II contains a project log and Appendix III contains a summary of expenditures.

8.1 Prospecting and geochemical surveys

Prospecting and geochemical surveys were conducted on the property between June 6 – 15, 2013. The purpose of this work was to locate new mineralization in areas distant from the known showings on the property.

8.1.1 *Personnel & equipment*

The work program was conducted by the following personnel:

Crew chief:	Kel Sax
Junior geologist:	Lindsay Nelson

The crew was equipped with the following instruments and equipment for all components of this program:

Instruments:	3 – Garmin non-differential GPS receivers
Equipment:	1 – set sampling gear 1 – Field office 2 – Radios
Camp:	1 – 2 man camp w/sleeping, kitchen gear 1 – Satellite phone 1 – 2KW gas inverter
Vehicles:	1 – 1Ton truck

8.1.2 *Specifications*

Geological mapping and prospecting were conducted according to the following specifications:

Mapping Datum:	NAD83 UTM Zone 9N

Location recording:	Non-differential GPS receivers, averaging readings a minimum of 15 times.
Marking:	Geological stations were not marked. All sample locations were marked with orange & blue flagging and metal tags upon which the sample numbers were scribed.
Traverses:	Recorded with non-differential GPS receivers.
Magnetic declination:	26^0 E

8.1.3 *Data products*

Field data is contained in the following appendices to this report:

Appendix IV	Geological observations
Appendix V	Sample descriptions & analyses
Appendix VII	Assay certificates

Data is plotted in the following maps and sections included in this report:

Figure 4.	Satellite orthophoto
Figure 5.	Property geology
Figure 6.	Sample locations
Figure 7.	Rock sample results – Gold
Figure 8.	Rock sample results - Silver
Figure 9.	Rock sample results - Arsenic
Figure 10.	Rock sample results – Antimony

Digital data on the data stick in this report includes:

Sample data	Geology\Sample data
Geological data	Geology\Stations
Assay certificates	Assays\Rock samples

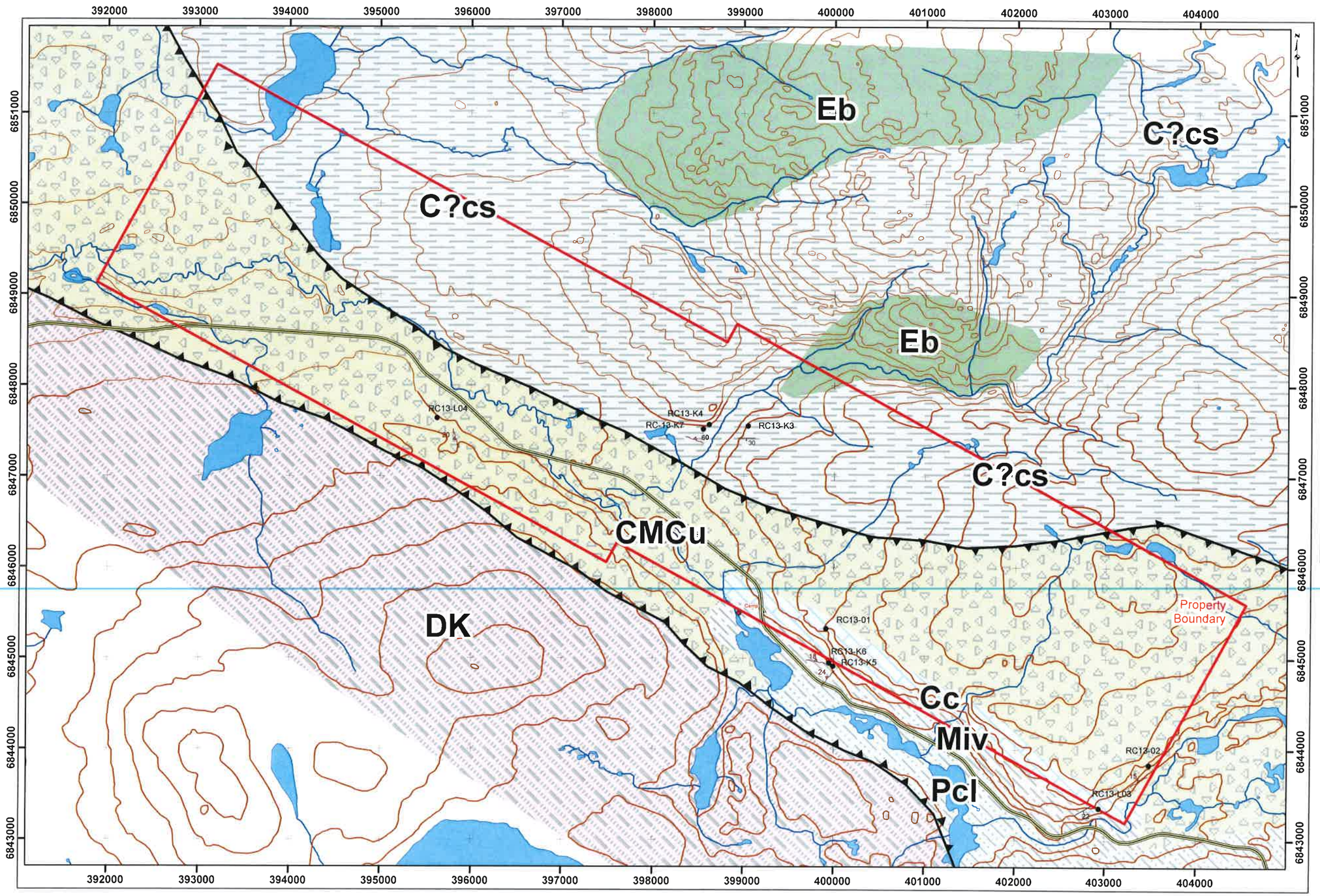
8.2 Geochemical surveys

Soil and stream sediment samples were collected along prospecting and mapping traverse lines between June 7 and 14, 2013. The purpose of the surveys was to locate mineralization in covered intervals on the property.

8.2.1 *Specifications*

Geological mapping and prospecting were conducted according to the following specifications:

Mapping Datum:	NAD83 UTM Zone 9N



RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 5. Property Geology

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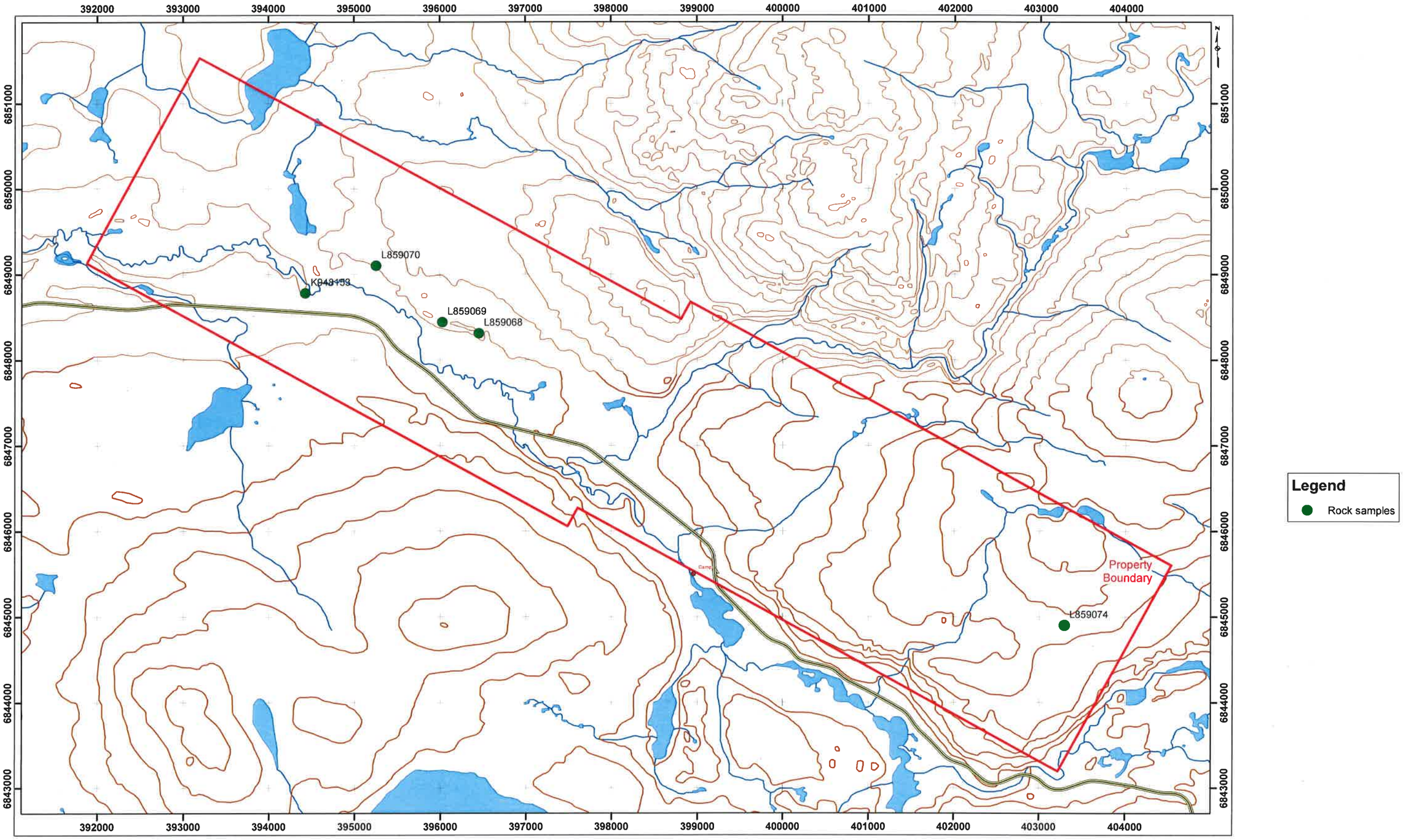
0 0.25 0.5 1 1.5 2
Kilometres

PANARC RESOURCES

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-12523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 01 Jun 2013



RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 6. Rock sample locations

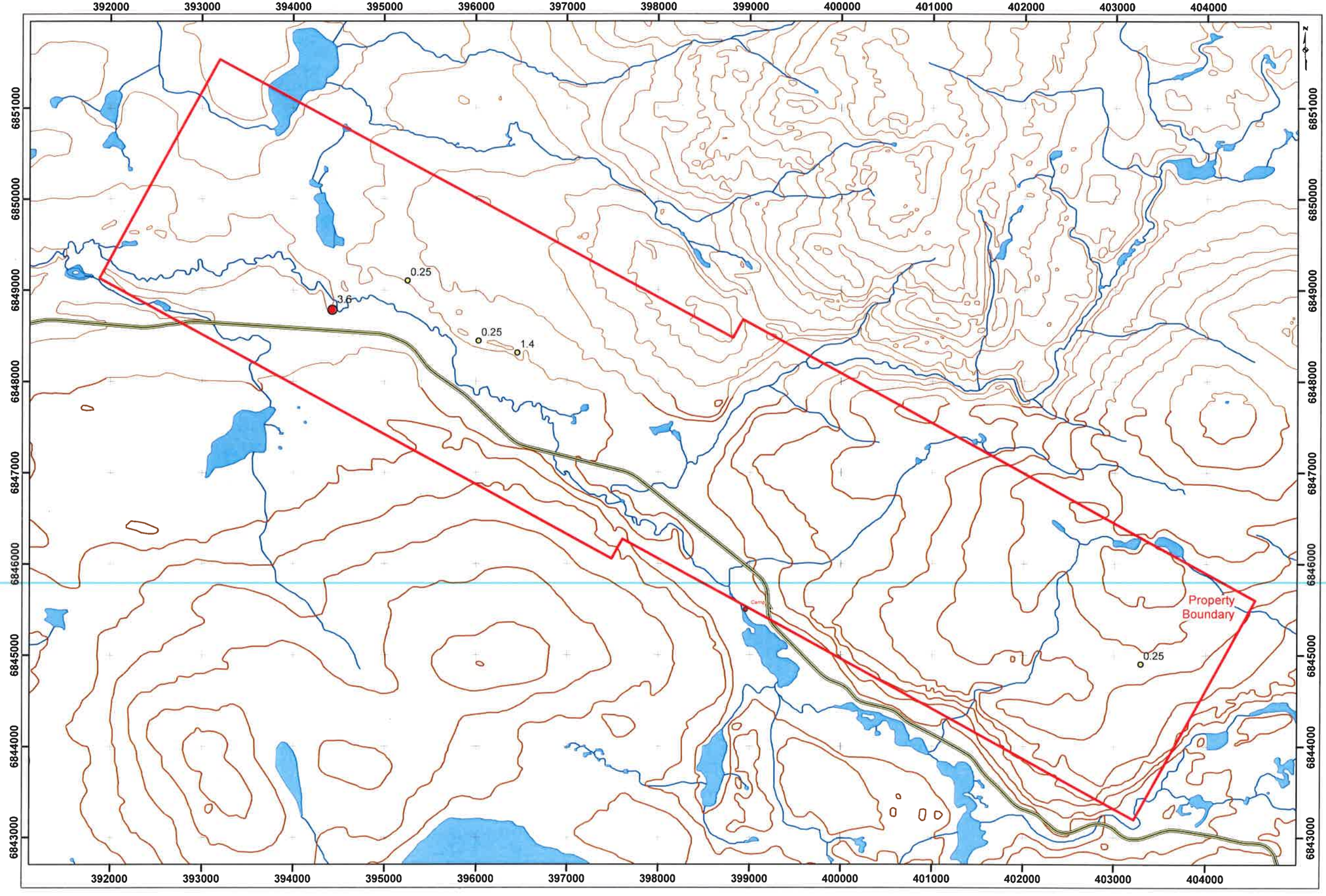
AURORA GEOSCIENCES

PANARC RESOURCES

0 0.25 0.5 1 1.5 2
Kilometres

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-12523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 01 Jun 2013



Legend

Au (ppb)

- ○ <2
- ● 2 - 3.6

RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 7. Gold in rock samples

0 0.25 0.5 1 1.5 2
Kilometres

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-12523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 01 Jun 2013

392000 393000 394000 395000 396000 397000 398000 399000 400000 401000 402000 403000 404000

6851000 6850000 6849000 6848000 6847000 6846000 6845000 6844000 6843000

0.05
0.05
0.05
0.05
0.2

Property Boundary

Camp

Legend

Ag (g/t)

- < 0.05
- 0.05 - 0.20

RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure8. Silver in rock samples

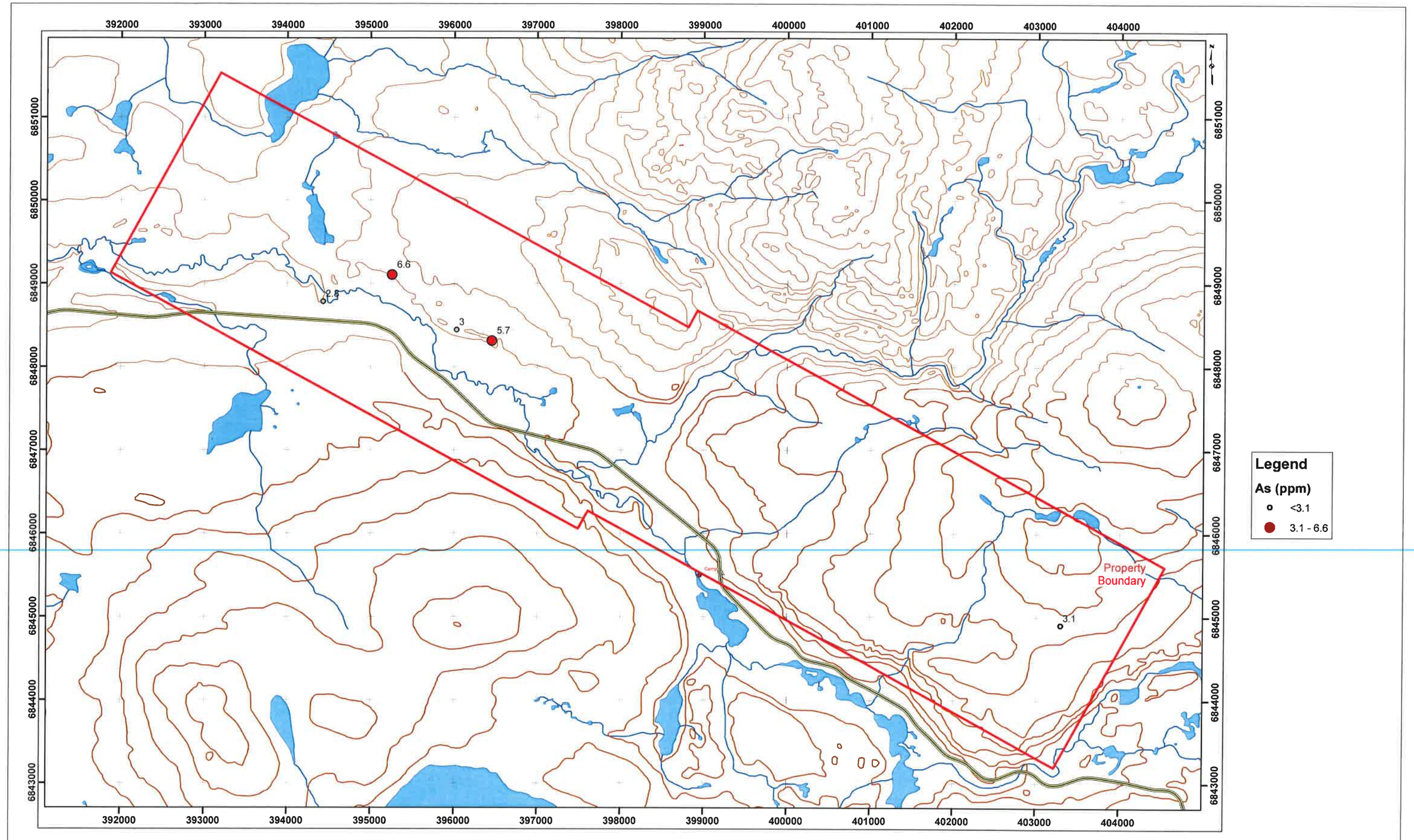
0 0.25 0.5 1 1.5 2
Kilometres

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-12523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 01 Jun 2013



RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 9. Arsenic in rock samples

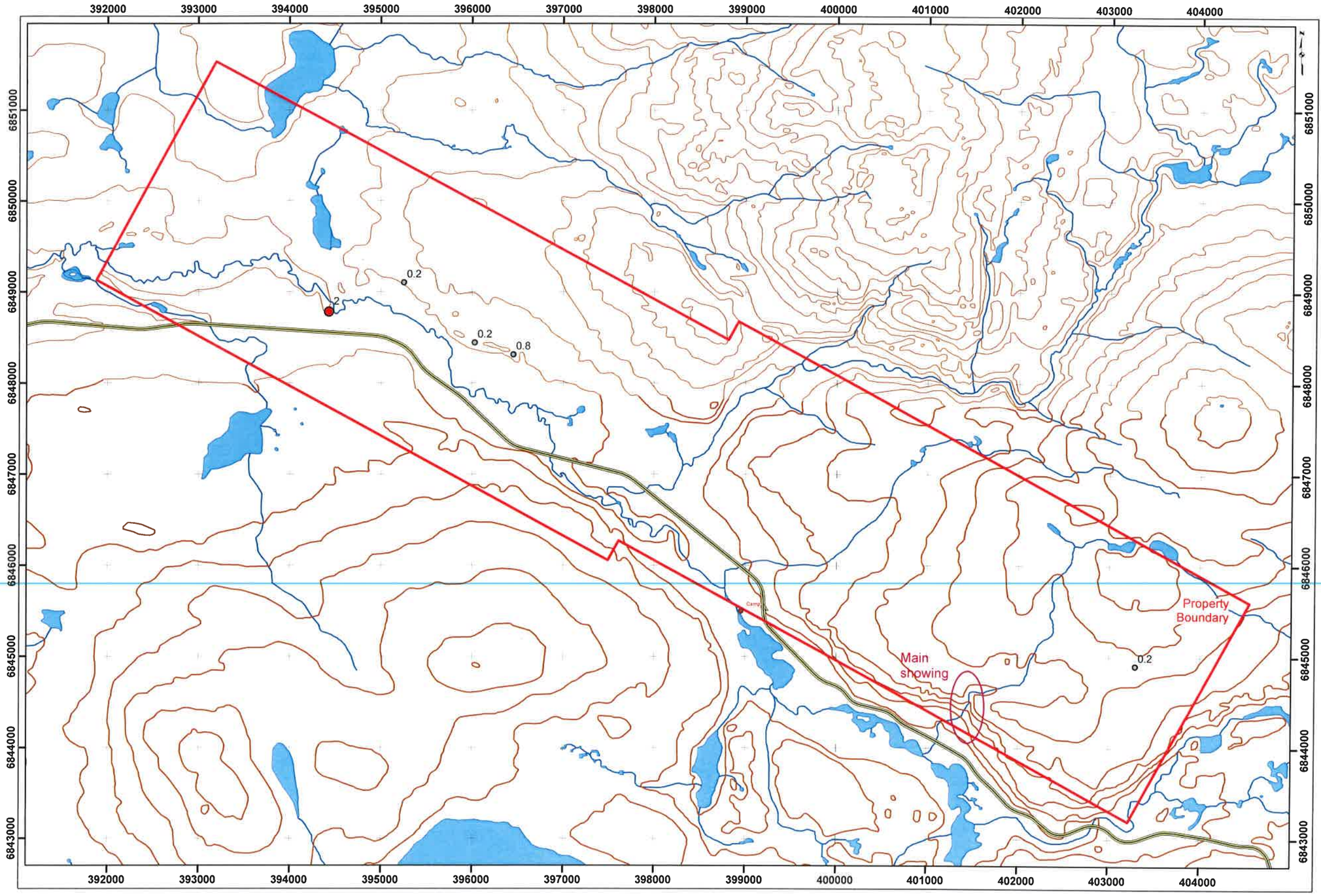
AURORA GEOSCIENCES

PANARC RESOURCES

0 0.25 0.5 1 1.5 2
Kilometres

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-12523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 01 Jun 2013



Legend

Sb (ppm)

- < 1
- 1-2

RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 10. Antimony in rock samples

0 0.25 0.5 1 1.5 2
Kilometres

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-12523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 01 Jun 2013

Location recording:	Non-differential GPS receivers, averaging readings a minimum of 15 times.
Marking:	Soil sample locations were marked with orange flagging and metal tags upon which the sample numbers were scribed.
Sampling:	Soil samples were collected from the B-horizon (where present) in holes dug with a mattock. Maximum hole depth was 3 feet.
Records:	Location, depth, sample description, slope aspect and drainage information were recorded at each site.

8.2.2 *Data products*

Field data is contained in the following appendices to this report:

Appendix VI	Soil sample summary sheets
Appendix VII	Assay certificates

Data is plotted in the following maps included in this report:

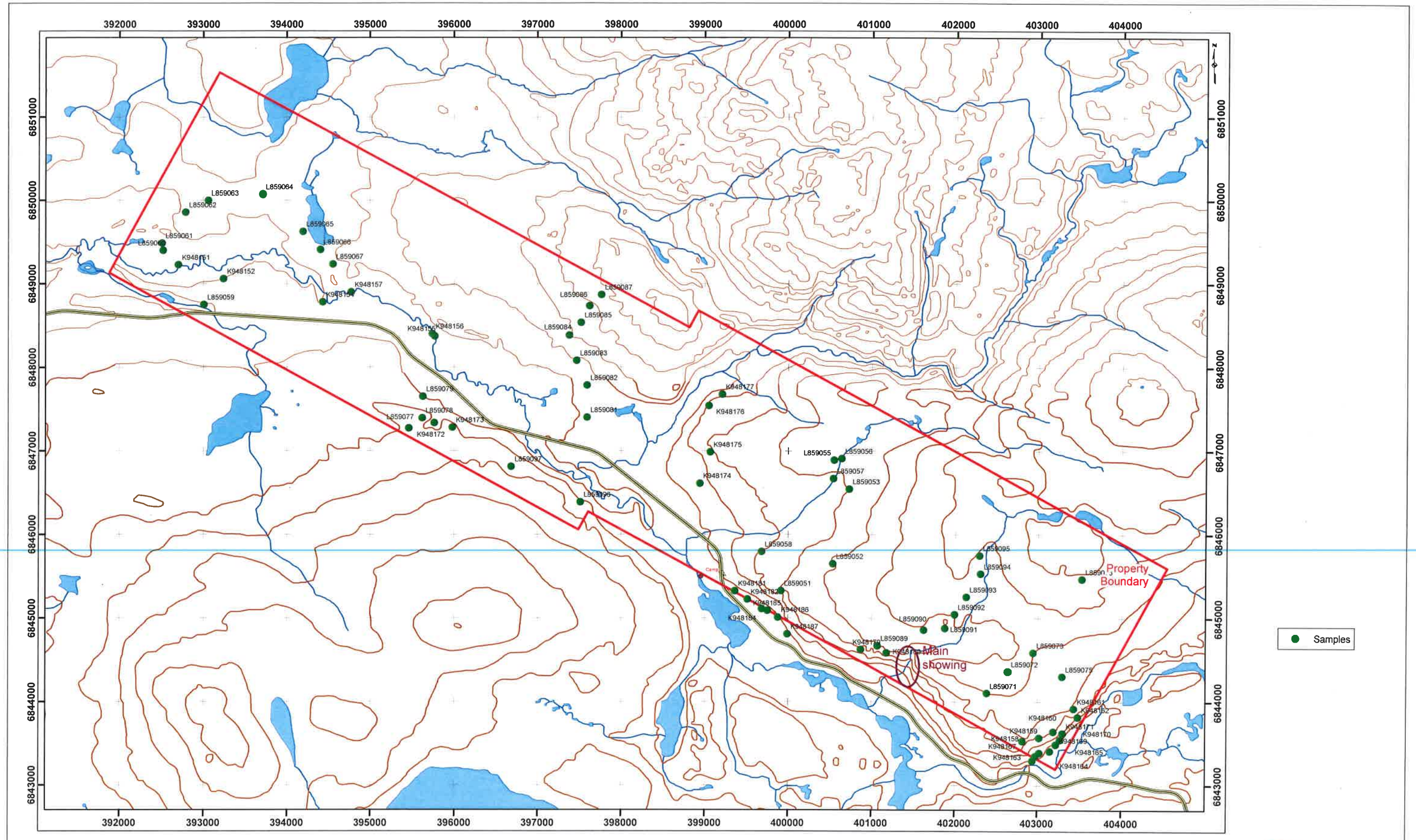
Figure 11.	Soil sample locations
Figure 12.	Soil sample results - Gold
Figure 13.	Soil sample results – Arsenic
Figure 14.	Soil sample results - Silver
Figure 15.	Soil sample results – Antimony

Digital data on the data stick in this report includes:

Sample data	\\Geochemistry
Assay certificates	\\Assays

8.3 SAMPLE COLLECTION, SECURITY, PREPARATION & ANALYSIS

This section describes principles and procedures used in the collection, security, preparation and chemical analysis of rock and soil samples collected during the work program. All samples collected during the program were sealed in rice bags for transportation to the analytical laboratory with security tags. Samples were retained in the custody of Aurora personnel throughout transportation to the laboratory. All analyses were conducted by Acme Analytical Laboratories Ltd. after submission to their Whitehorse Office. Assay certificates are in Appendix VII.



RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 11. Geochemical sample locations

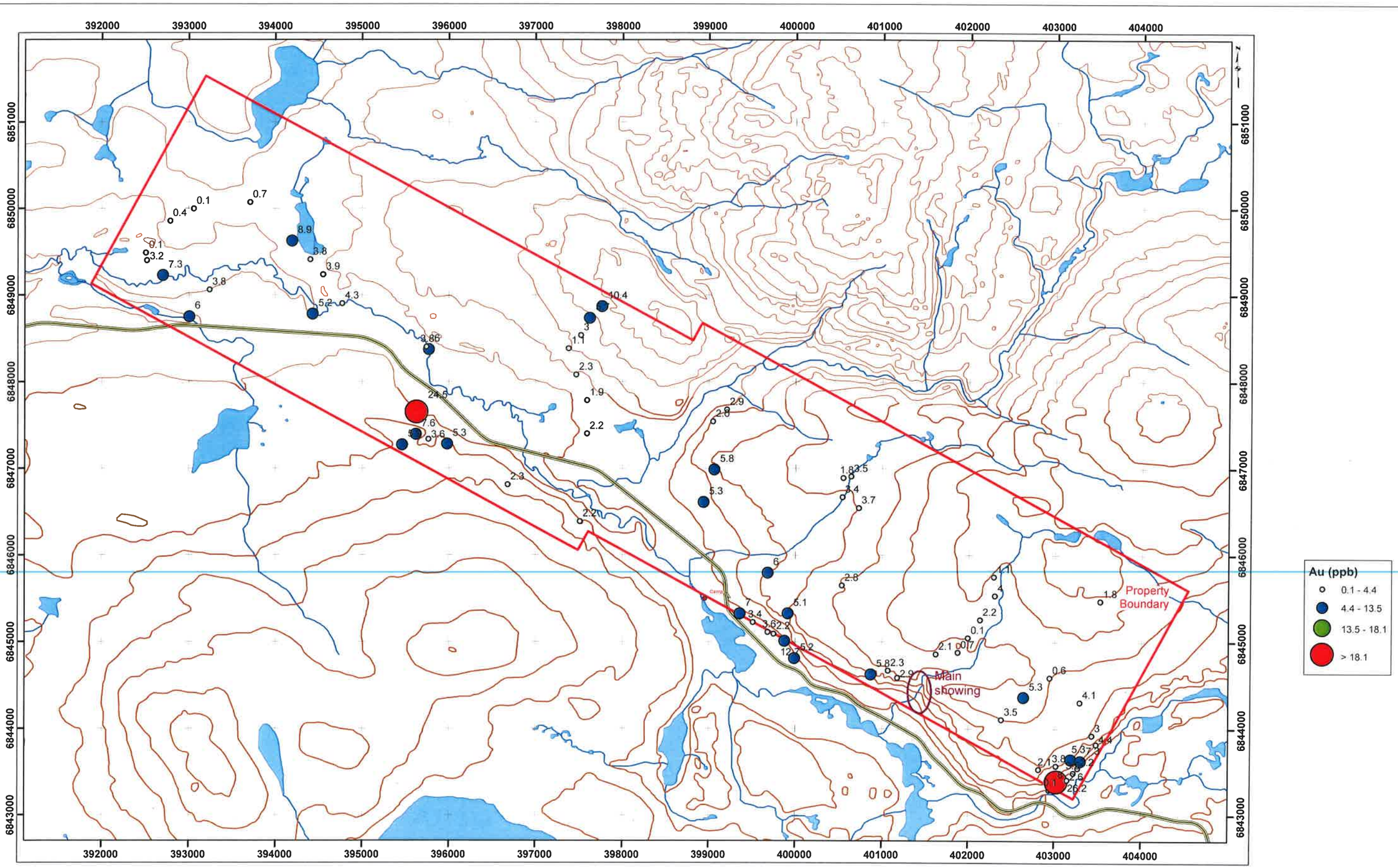
0 0.25 0.5 1 1.5 2
Kilometres

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-13523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 17 July 2013

AURORA GEOSCIENCES

PANARC RESOURCES



RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 12. Gold in soils & stream sediments

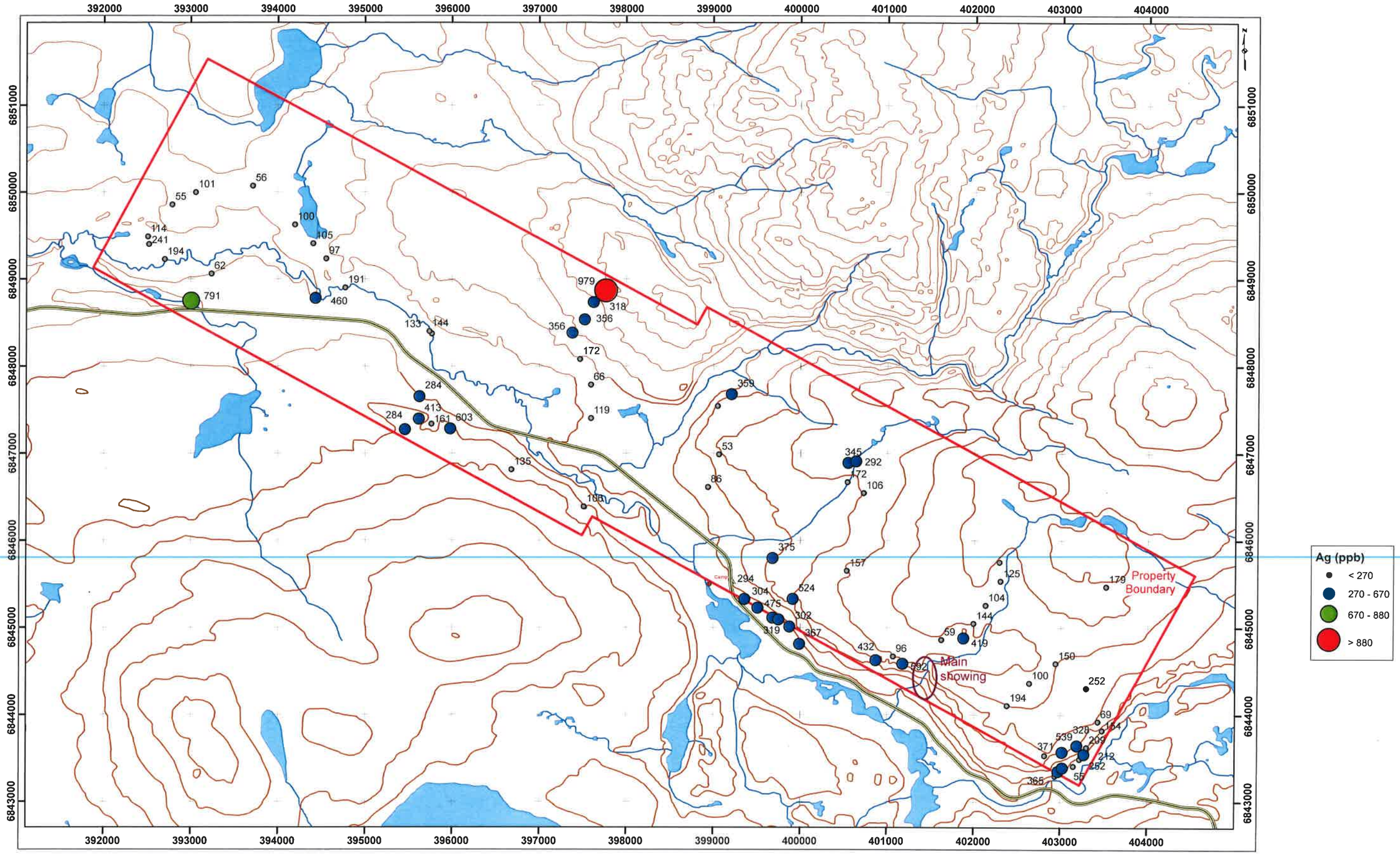
0 0.25 0.5 1 1.5 2
Kilometres

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-13523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 17 July 2013



RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 13. Silver in soils & stream sediments

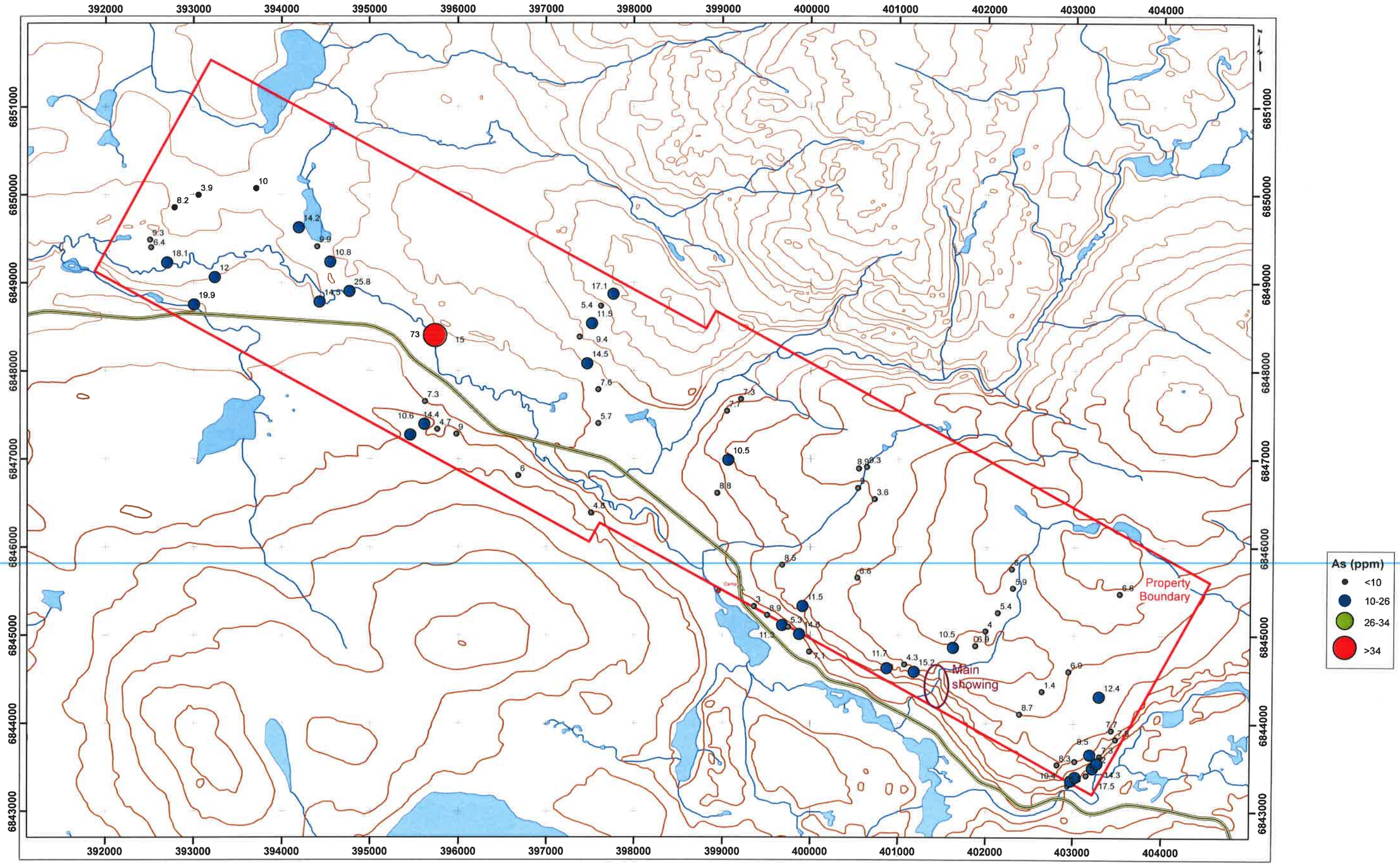
0 0.25 0.5 1 1.5 2
Kilometres

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-13523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 17 July 2013



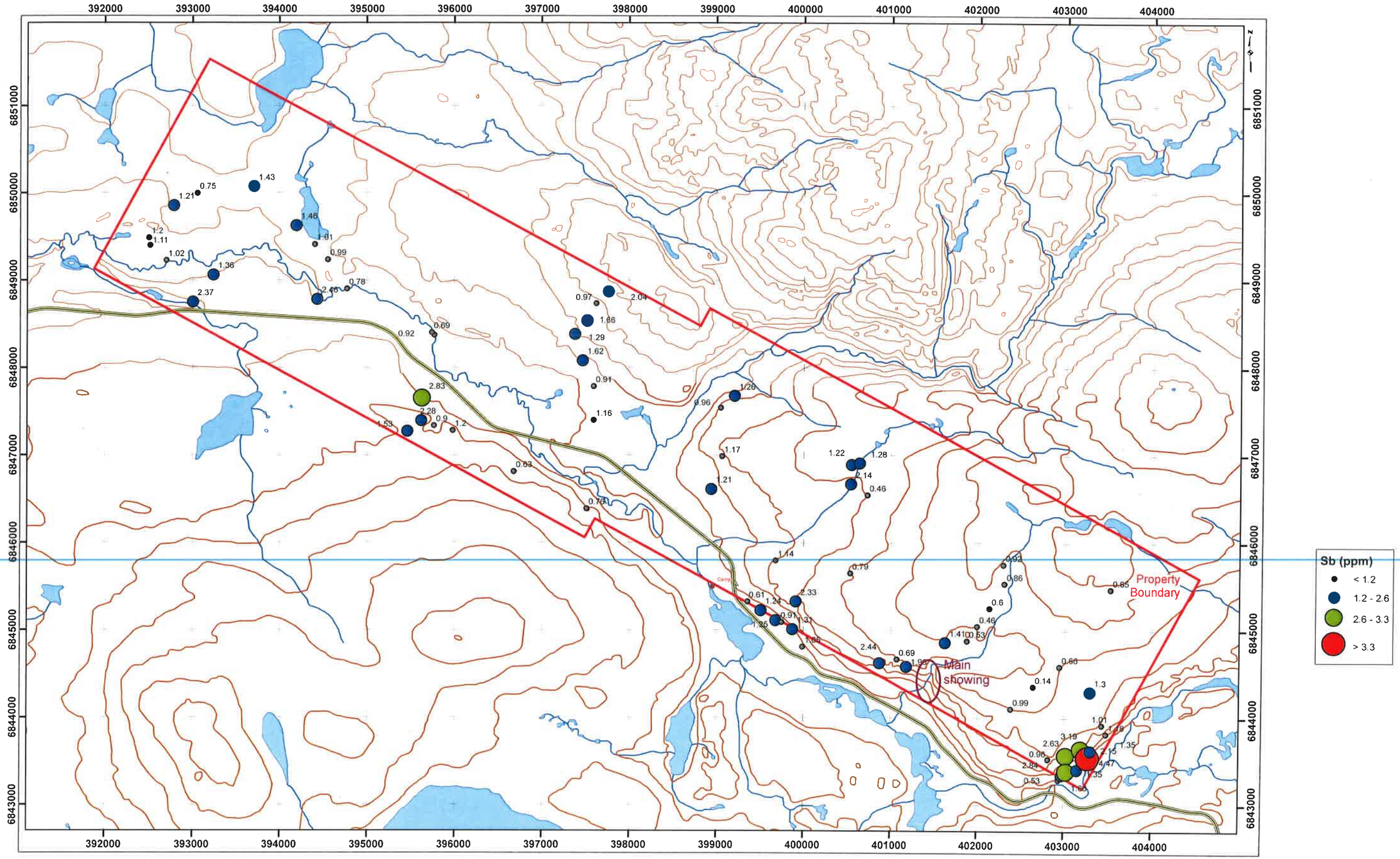
RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 14. Arsenic in soils & stream sediments

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-13523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 17 July 2013



RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 15. Antimony in soils & stream sediments

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0 0.25 0.5 1 1.5 2
Kilometres

PANARC RESOURCES

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-13523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 17 July 2013

8.4 Rock samples

Samples of apparent high grade mineralization (selected grab samples) or representative mineralization (grab samples) were collected from bedrock outcrops, rubble and float. The purpose of the sampling was to determine the full range and grade of economic mineralization on the property.

At the laboratory, rock samples were prepared and analyzed as follows:

1. Samples were weighed and crushed to 80% passing through a 10 mesh screen.
2. A 250 g subsample was split and pulverized to 80% passing a 200 mesh screen
3. A 0.5 g split was leached in hot (95C) Aqua Regia.
4. The solution was analyzed with induced coupled plasma mass spectrometry (ICP-MS)
5. A separate 30 g split was analyzed for gold by fire assay with an atomic absorption (AA) finish.

8.5 Geochemical samples

Soil geochemical samples were collected from the B-horizon (where present) or from the deepest portion of the excavated hole. Stream sediment samples were collected from portions of creeks with silt or sand fraction present.

At the laboratory, geochemical samples were prepared and analyzed as follows:

1. Samples were dried at 60^0C and a 100 g subsample was sieved at -80 mesh.
2. A 15 g subsample was digested in Aqua Regia
3. The solution was analyzed with induced coupled plasma mass spectrometry (ICP-MS)

9 PROPERTY GEOLOGY & ECONOMIC MINERALIZATION

This section describes the geology on the Risby Creek Property based the work conducted to date, and on previous work summarized in Power (2012) and Schultz (2009).

9.1 Rock units

Geological mapping on a property scale is based on regional mapping by Murphy *et. al.* (2001). The following rock units are present on the property in this area :

Table 3. Property scale rock units

Rock Unit [Age]	Description
Q [Quaternary]	Dominantly glacial till and moraine deposits.
C?cs [Carboniferous?]	Variably foliated dark grey phyllite, white ribbon chert, quartz and quartz feldspar sandstone, grit and conglomerate
CMCU [Carboniferous]	Undifferentiated layered rocks including intermediate to felsic metavolcanic rocks, carbonate, chert, greywacke and phyllite
Cc [Carboniferous]	Massive grey bioclastic crinoidal limestone

Miv [Mississippian]	Green to white chlorite-muscovite, quartz phyllite

Figure 5 shows the property geology based on Murphy *et. al.* (2001), supplemented with observations made during the 2013 field program. Outcrop is very sparse in the project area and satellite imagery showing in Figure 4 was purchased to supplement the poor air photography coverage. Prior to the field season, an examination of the satellite photo was made to locate potential areas of outcrop and the field party conducted traverses laid out to cover these locations.

9.2 Structure

Bedding can only clearly be defined in the limestone rock units. Limestone units located during the 2013 field program are concordant with the regional pattern defined by Murphy *et al.* (ibid).

The rock units are metamorphosed to upper greenschist facies with the prevalence of muscovite, biotite and chlorite in phyllitic rocks. The rock units are impressed with a dominant (S1) foliation, observations of which at a property scale are summarized in Figure 16 below. The pattern, based on a very limited dataset, suggests folding about an axis of 303^0 12^0. This axis is parallel with the regional trend of rock units mapped by Murphy *et al.* (2003).

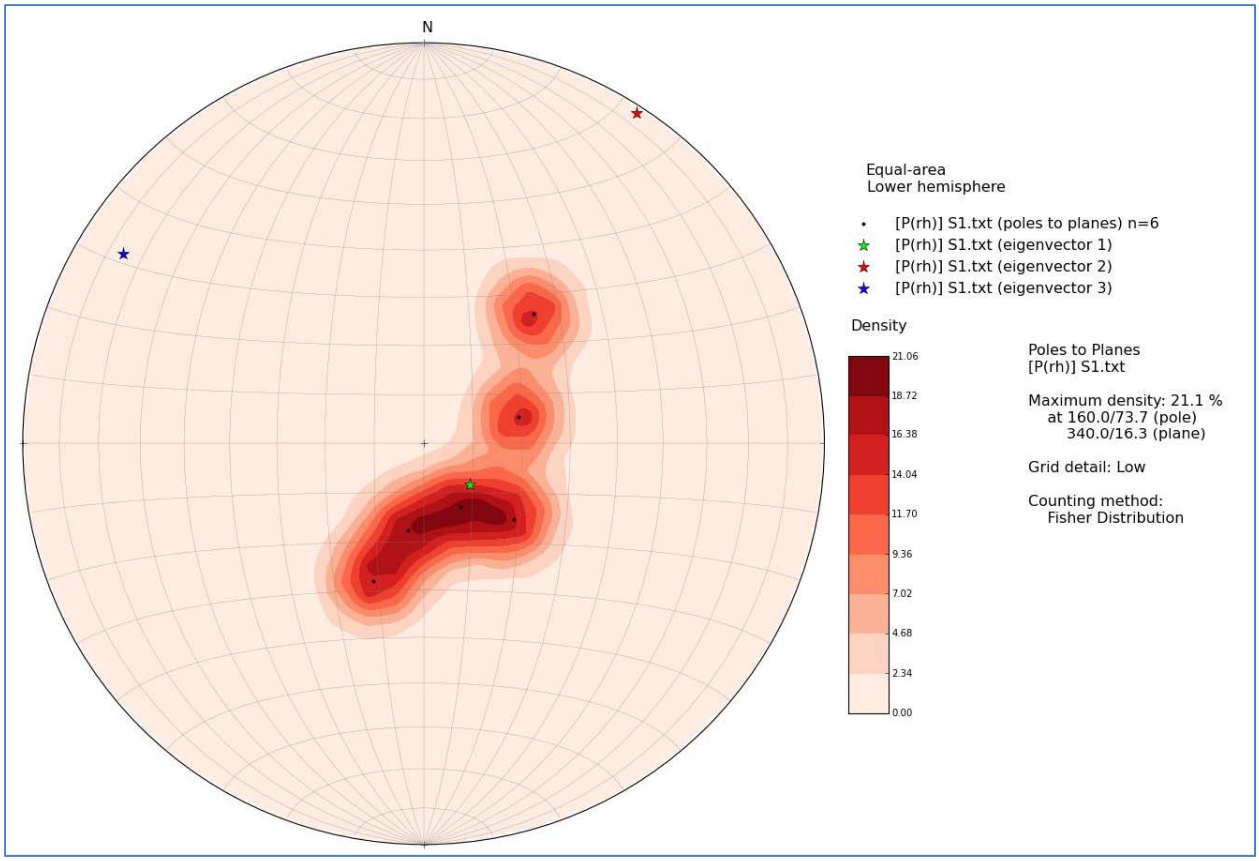

Figure 16. Stereonet of poles to S1 foliation – property scale mapping.

9.3 Mineralization

At the main showing, gold is found in quartz-rich samples resembling quartz vein material. The quartz ranges from massive, coarse crystalline quartz to fine crystalline sugary quartz with abundant boxworks and limonite. Pyrite with or without arsenopyrite is found in gold enriched samples. Samples with the highest gold grades (to 4.88 g/t Au) do not contain the highest arsenic values. Arsenic is most common in samples with gold grades from 0.8 to 1.5 g/t Au. A bedrock source of this material has been located in trench TR12-1 (Power, 2012) on the east side of Risby Creek where limonitic quartz with disseminated pyrite is found in a 1 m thick, gently NW dipping bed or flat lying vein. Grab samples from the vein returned up to 0.87 g/t Au (gravimetric) / 2075 ppb Au (ICP). Chip samples collected across this unit are likely not representative because of the shallow dip. Schultz (2009) speculated that the mineralized float in Risby Creek may originate from a silicified limestone horizon; the rocks exposed in TR12-1 fits this conjecture. It is doubtful that the bedrock mineralization discovered to date can account for the widespread mineralization found in Risby Creek.

In 2013, regional traverses, guided by satellite photographs, were used to investigate the geology in the area surrounding the Risby Creek Showing on the rest of the property. Very little outcrop is present, largely confined to the banks of streams incising the highlands running the length of the property (Figure 4). No significant mineralization was found during the regional traverses. Figures 6 through 10 show the sample locations and the results for gold, silver, arsenic and antimony respectively for the five rock samples of apparently mineralized material located on traverse.

9.4 Geochemical surveys

Soil geochemical samples were collected at intervals of 250 to 500 m along the geological traverses and stream sediment samples were collected from drainages with silt substrates. Unfortunately, much of the area is low lying and stream beds are dominantly mud; these were not sampled.

Figure 11 shows the sample locations and Figures 12 through 15 show the results for gold, silver, arsenic and antimony respectively. Data bins were set at the mean, 2nd and 3rd standard deviation about the mean respectively. The geochemical survey detected no significant high amplitude geochemical response in the rocks surrounding the limestone unit hosting the Main Showing.

10 INTERPRETATION AND CONCLUSIONS

The results of the exploration work conducted on the Risby Creek Property to date indicate that the property is underlain by deformed metasediments hosting gold in stratabound quartz veins or silicified limestone. A single exposure of this material in TR12-2 suggests that either bedding-parallel quartz veins, a quartzite or silicified limestone bed may be the source of the mineralization found to date. This mineralization consists of gold in quartz with arsenopyrite, pyrite and limonite. Apparent thicknesses are in the order of 1 m and grades are in the range of 1-2 g/t Au in mineralized rock. If the mineralized horizon is a stratabound altered limestone or mineralized quartzite unit, there is the possibility that a considerable quantity of mineralized rock might be present. The boulder train in Risby Creek extends for 200 m downstream for the area of TR12-1, suggesting that the source may be of substantial extent.

The results of the work to date support the following conclusions:

1. An extensive train of auriferous quartz boulders extending for at least 200 m occurs in Risby Creek. Gold grades in this material are up to 4.88 g/t Au with a significant number of samples returning values from 1-2 g/t Au.

2. Gold is associated with quartz, arsenopyrite and limonite in bedrock samples recovered from TR12-1.

3. Gold is universally associated with pyrite. Gold is often associated with elevated arsenic but the highest gold grades to date have come from samples with little arsenic. Sulphide concentrations are generally less than 10% in mineralized rock.

4. To date, the only source of the auriferous float boulders located in bedrock occurs on the east side of an inferred fault in Risby Creek. The mineralized rock in trench TR12-1 appears to be a stratabound quartz vein or highly altered (silicified) quartzite or limestone.

5. There is no significant gold response in soils or stream sediments outside of Unit Cc (Carboniferous limestone) on the property.

11 RECOMMENDATIONS

The conclusions of this report support the following recommendations:

1. Future exploration work should concentrate in the area of the main showing focusing on locating a bedrock source or sources for the observed mineralization.

Respectfully submitted,
AURORA GEOSCIENCES LTD.

M.A. Power, M.Sc., P.Geo.
Geologist

12 REFERENCES

Gordey, S.P. and A.J. Makepiece. 2000. Yukon Digital Geology. Geological Survey of Canada Open File 3826.

Murphy, D.C., M. Colpron, S.P. Gordey, C.F. Roots, G. Abbott, and P.S. Lipovsky. 2001. Prelimnary Bedrock Geological Map of Northern Finalsy Lake Area (NTS 105G). Yukon Geological Survey Open File 2001-33.

Power, M.A. 2012. Geological Mapping and Prospecting on the Risby Creek Property. Unpublished assessment report submitted to the Watson Lake Mining Recorder.

Schultz, C. 2009. Geological Mapping and Rock Geochemical Sampling on the "Risby Creek" Project. AR095163: Assessment report submitted to the Watson Lake Mining Recorder

APPENDIX I. STATEMENT OF QUALIFICATIONS

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

1. 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.

2. I am a Professional Geoscientist registered with 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). I am also registered as a Professional Geologist with the American Association of Professional Geologists (registration number 11183).

3. I have been employed in mineral exploration as a geophysicist and geologist since 1988, primarily on projects in the Yukon Territory, Northwest Territories, Nunavut, Alaska and British Columbia.

4. I supervised the work described in this report and wrote this report.

5. I am a Director and Officer of Panarc Resources Ltd. which has entered into an agreement with 7606 Yukon Ltd. to option the Risby Creek Property.

Dated this 31st day of July, 2013 in Whitehorse, Yukon.

Respectfully Submitted,
Michael A. Power M.Sc. P. Geo.

APPENDIX II. PROJECT LOG

AURORA GEOSCIENCES

Job PRL-12563-YT Risby Creek
PROJECT LOG

Thu 06 Jun 2013	Lindsay Nelson (LN) drove from Whitehorse to Faro, picked up Kel Sax (KS), fueled in Ross River, continued to km 260 Campbell Highway and set up camp on the Risby Creek Property.
Fri 07 Jun 2013	The crew prospected from camp to OC 37 to 42 inclusive, and investigated the creek just west of camp. 5 soil samples and 3 stream sediment samples - no outcrop and very little float; glacial till and perched spruce swamps.
Sat 08 Jun 2013	KS checked OC-01 and 03, prospected up Campbell Creek, now known as "Big Timber Blowdown and Beaver Dam Creek" to OC-05; 1 stream sed, 2 soils, and 1 rock sample of mineralized float on top of glacial bench. Lindsay checked OC-02 to 05, and prospected along Jules Creek Thrust; 8 soils and 1 stream-sed.
Sun 09 Jun 2013	KS prospected Campbell Creek (BTB and BD Creek) downstream from the highway to OC-05, along the Jules Creek Thrust; 3 stream seds taken, few till boulders seen. Lindsay checked OC-06 to 21 except 8 and 15; 3 rock samples taken of trace mineralization in glacial float. Evening visitor, Norman Scott from Ross River, family has cabins in area. Local information and gossip for a cup of tea and cookies.
Mon 10 Jun 2013	East end of the property: Lindsay checked OC-53, 57 to 59, no outcrop. Took 1 rock sample from mineralized float and 5 soils. Kel checked OC-54 to 56. Found outcrop 50m from OC-56. Took 5 soil samples.
Tue 11 Jun 2013	Crew prospected along base of slope in SE corner of property; Lindsay mapped outcrops and Kel took 9 soil samples along a line at base of slope. Checked out OC-18 and 19 area, found one outcrop. Took 4 soil samples and 1 stream sed in general area.
Wed 12 Jun 2013	Lindsay checked OC-22 to 27, and mapped outcrops around OC-30 and 32. Kel checked OC-34 and 36, found outcrop north of there. Attempted a stream sediment sample in creek to NW and N, to no avail.
Thu 13 Jun 2013	Lindsay and Kel checked out the Risby Creek area. Glacial till sequences were exposed due to spring mud slides, in excess of 100ft. Any outcrop (such as various road cuts) will be at the bottom or close to the bottom of steep gullies. 10 soil samples were taken altogether, some were not entirely composed of till. OC-43 to 51 were checked, OC-52 was not.
Fri 14 Jun 2013	Lindsay checked OC-20 and 28 to 29, frozen swamp mostly. Kel looked for outcrop between camp and Risby Creek - lots there but hidden in slide alder and bases of steep glacial moraine slopes.

Sat 15 Jun 2013 Demobe to Whitehorse, arriving late PM.

PERSONNEL

Kel Sax
Crew Chief / Geologist
647 Yates
Faro YT

Lindsay Nelson
Geologist
34A Laberge Road
Whitehorse, YT Y1A 5Y9

APPENDIX III. STATEMENT OF EXPENDITURES

Preparation, mobilization & demobilization		
Equipment preparation & return	$650.00	
Base maps, GIS: 6.0 hrs @ $75	$450.00	
Total - Prep, mobe / demobe	*$1,100.00*	$1,100.00
Geology & geochemical surveys		
Geologist: K. Sax (Crew chief) 10 days @ $600	$6,000.00	
Geologist: L. Nelson (Junior) 10 days @ $500	$5,000.00	
Radios, GPS, field office: 10 days @ $50	$500.00	
Field compuer / software: 10 days @ $75	$750.00	
Camp: 10 days @ $120	$1,200.00	
Geology crew truck: 10 days @ $150	$1,500.00	
Total - Exploration services	*$14,950.00*	$14,950.00
Expenses		
Assays: 5 rocks samples @ $36	$180.00	
Assays: 78 soils / stream seds @ $30	$2,340.00	
Satellite photos:	$3,173.44	
Groceries:	$800.00	
Gas:	$800.00	
Meals en-route:	$28.00	
Total - Expenses	$7,321.44	$7,321.44
Report		
Project report	*$2,500.00*	$2,500.00
Total project expenditures		***$25,871.44***

I certify that this statement of expenditures is complete and true to the best of my knowledge.

Michael A. Power, M.Sc., P.Geo.

APPENDIX IV. GEOLOGICAL DATA

Declination used: 26 E

Risby Creek 2013- Geological data

Location (NAD83 Zone xx)				Recording info		Unit	Foliation							
							S0		S1		S3		V1	
No.	UTME	UTMN	Z (m)	Mapper	Date		S	D	S	D	S	D	S	D
RC13-01	399913	6845326	1032	LN/KS	7-Jun-13	float								
RC13-02	403480	6843835	1019	KS	10-Jun-13	schist			240	15	324	75	240	15
RC13-L03	402934	6843357	962	LN	11-Jun-13	sandy lst	60	22						

Declination used: 26 E

Risby Creek 2013- Geological data

Location (NAD83 Zone xx)				Recording info		Unit	Foliation							
							S0		S1		S3		V1	
No.	UTME	UTMN	Z (m)	Mapper	Date		S	D	S	D	S	D	S	D
RC13-L04	395622	6847640	910	LN	11-Jun-13	grey phyllite			164	20				
RC13-L05	398726	6887884	1002	LN	12-Jun-13	green phyllite			130	35	220	30		
RC13-K3	399050	6847555	984	KS	12-Jun-13	limestone	90	60					135	80
TALUS	398620	6847570	932	KS	12-Jun-13	chert	-	-						
RC13-K4	398555	6847520	941	KS	13-Jun-13	phyllite			290	30				
RC13-K5	399945	6844950	954	KS	14-Jun-13	phyllite			280	18				
RC13-K6	399991	6844915	965	KS	14-Jun-13	phyllite			220	24				

All planar data entered using the right hand rule

	Veins				Sulphides				Altn
No.	V2		V3		Py	Gn	Aspy	Other	
	S	D	S	D	%	%	%	%	
RC13-01									
RC13-02	324	75			tr				weak calcic
RC13-L03									

All planar data entered using the right hand rule

No.	Veins				Sulphides				Altn
	V2		V3		Py	Gn	Aspy	Other	
	S	D	S	D	%	%	%	%	
RC13-L04					tr				
RC13-L05									
RC13-K3									
TALUS									
RC13-K4									
RC13-K5					tr				Sil, carb
RC13-K6					tr				

No.	Description
RC13-01	Boulders on top of S-facing, steep glacial bench. Lithologies: 1) phyllite w/ minor argillite bands and qtz-cb microveining. fine-grained (0.1 mm). Phyllite [90%] is green, weathered to light grey-brown with some orange iron staining. Exterior surface is mod smooth and rounded. Chloritization is wk, but the phyllite is fairly fissile w/ mod planar cleavage. Argillite bands and veining sub-// to cleavage. Argillite [8%] - dark grey, hard (silicified), vfg. qtz-cb [2%] - 1:1 qtz:cb, qtz is grey, glassy w/ subhedral fine grains, cb is white and fine-grained (0.5 mm). 2) cobble of saccharoidal qtz vein: white weathered to orange-brown, well-rounded exterior. qtz - white, glassy, mgr (2-5 mm), subhedral xtals. Evidence of pyrite in vein, has weathered to iron oxide. 3) limestone: grey, fine-grained, effervacent. 4) qtz-pebble conglomerate
RC13-02	East end discontinuous otcps: weakly calcic qtz musc schist with blue qtz eyes and local boudens. Bedding/S1 planes well defined by sheeted muscovite at 240 dipping from 10 to 20 deg, moderately crenulated by S2 at 324 dipping from 70 to 80 deg. West end: S1 at 270 dipping from 15 to 25 deg, S2 at 320 to 340, dipping from 70 to 80 deg. Dark fine grained fragments argillite(?) within the schist, also trace disseminated limonite and hematite after very fine grained py(?). Less obvious veining. Soil sample K948162 taken below outcrops in bisecting gully.
RC13-L03	discontinuous outcrops on SSE facing 50 deg slope covering approx 30 m up slope and 200 m across. at SE corner of property (line of soil samples from downslope: K948163-71). Mixed spruce and poplar forest. Bioclastic limestone: l grey weathered to med grey-brown. rough outer surface and irregular fracture. massive, cemented (0% porosity). chalky ss: white, weathered to red-brown. smooth exterior w/ protruding qtz veins. vfg (0.2 mm) mature sand. minor amounts of carbonate in some occurences. biclast. lst and chalky ss are conformable - interbedded up and down slope. contact is somewhat irregular, S0 is an average. extensively veined with quartz, many vein orientations but most at a high angle, ranging in size from 5-200 mm). brecciation seen adjacent to coarse vein (pic). ladderwork veining seen in fine grained layers (also deformed - see pic). joints/fractures in chalky layer are ~WSW and NNE, producing rhombohedral blocks. to the E and downslope, outcrop of highly friable and slaty pale grey rock w/ S1 = 260/20. .

No.	Description
RC13-L04	off hunting road S of hwy, N of OC-18. Slight N-facing slope w/ steeper slope to SW, with outcrop of same rock. Mixed forest in fairly open area - buck brush and spruce. med. steely grey ms-qtz phyllite, very fine grained, strong S1 foliation, friable with slaty cleavage. weathered to dark grey, coverend in moss and lichen. trace of pyrite. 1 pic to show colour/cleavage. Soils asmple L859079 from base of outcrop.
RC13-L05	discontinuous outcrops along top of ENE facing slope, angle varying from 40-90 deg. Creek below. Light green-grey qtz-ms phyllite weathering into rough blocks and sheets in more ms rich zones. Mottled outer surface (grey/white/brown) due to lichen. fair to well developed foliation (S1), extent of foliation likely related to ms content. Possible S2 foliation causing outcrop to fracture into wedge-shaped pieces (1 pic). S1 weaker in more silicious (cherty?) layers which are // to S1. no sulphide mineralization and no veining. alteration: light brown clay and thin rust coating on some foliation planes. Rust more prominent in outcrop of darker grey phyllite found to the SW.
RC13-K3	Massive, med grey, fine to med gr limestone. Weak bedding by weathered surface about E, dip 60 S. Barren qtz veining at all angles but dominantly SE and near vertical dip. Faint indications of bioclasts. Top of sharp drop in slope to NW, in mature spruce.
TALUS	Massive black chert rubble at base of cliff to N. Minor barren qtz veins.
RC13-K4	Grey weathering, dark grey to black, med gr phyllite. Noncalcareous, no sulphides or veining. At base of cliff.
RC13-K5	Siliceous, contorted, fine to med grained, dark grey phyllite, locally calcareous, minor interbeds dark grey chert, trace dissem erratic py, local qtz veins and stringers, mostly barren. Discontinuous series of cliffy outcrops near base of slope of glacial morraine.
RC13-K6	Grey, med grained, silic phyllite with calcareous layers to 10cm, massive dark grey chert layers to 5cm, and white qtz veins to 20 cm conformable to foliation. No visible mineralization but minor rust and py pits. Jointing at 110-70. Same area as K5.

APPENDIX V. SAMPLE DESCRIPTIONS

Risby Creek 2013 Project
SAMPLE TRACKING SHEET

Sample #	Sampler	Shipment	Certificate	UTME	UTMN	Type
K948153	KS	RC-13-01	WHI13000043	394430	6848780	G
L859068	LN	RC-13-01	WHI13000043	396453	6848311	G
L859069	LN	RC-13-01	WHI13000043	396030	6848441	G
L859070	LN	RC-13-01	WHI13000043	395255	6849101	G
L859074	LN	RC-13-01	WHI13000043	403290	6844903	G

Type:
G - Grab
S - Standard
B - Blank

Sample #	Description	Al	Ag	As	Au	Au	B	Ba
		%	PPM	PPM	PPM	PPB	PPM	PPM
		0.01	0.1	0.5	0.005	0.5	20	1
K948153	Small boulder of mod silic, contorted phyllite with trace to locallized 2% pyrite and arsenopyrite as discrete grains and fracture	0.34	<0.1	2.8	<0.005	3.6	<20	184
L859068	green/white laminated chert with minor lenses of d grey sil argillite. Weathered to rusty brown, slightly striated outer surface	4.28	<0.1	5.7	<0.005	1.4	<20	115
L859069	d grey sil argillite w/ bands of white chert. Weathered to red-brown w/ slightly striated surface. Rectangular block, 30x15 cm.	0.11	<0.1	3	<0.005	<0.5	<20	80
L859070	grey and white laminated chert w/ beige calcareous weathered surface, interior planes with rusty orange coating. rounded	5.65	<0.1	6.6	<0.005	<0.5	<20	166
L859074	small boulder (40x25 cm) of ms-qtz phyllite w/ 3m wide sil argillite bands following foliation. Grey weathered to rusty beige.	1.9	0.2	3.1	<0.005	<0.5	<20	99

Sample #	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb
	PPM	%	PPM	PPM	PPM	PPM	%	PPM	PPM	%	PPM	%	PPM	PPM	%	PPM	%	PPM
	0.1	0.01	0.1	0.1	1	0.1	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001	0.1
K948153	0.2	0.03	0.4	4.8	7	154.1	4.66	2	0.51	0.17	10	0.03	1437	0.3	0.001	12.8	0.027	7.2
L859068	0.1	3.02	0.2	3.3	13	9	0.43	12	<0.01	0.11	20	0.07	46	0.2	0.674	7	0.047	6.1
L859069	<0.1	0.11	<0.1	3.5	2	22	0.52	<1	0.07	0.08	2	0.07	645	1	0.003	7.8	0.002	5.2
L859070	0.2	3.06	<0.1	13.4	63	18.2	2.57	15	0.02	0.92	14	1.25	130	1	0.797	25.6	0.073	8.5
L859074	0.6	0.71	0.5	13	35	105.6	3.26	5	<0.01	0.44	10	0.64	285	1.5	0.17	42.4	0.02	9.9

Sample #	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
	%	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM
	0.05	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
K948153	1.32	2	1.3	5.9	30	<0.2	3	0.002	0.2	14	<0.1	54
L859068	0.06	0.8	1.5	<0.5	240	<0.2	10.7	0.112	<0.1	9	0.4	21
L859069	0.09	0.2	0.5	<0.5	13	<0.2	0.5	0.002	<0.1	<2	<0.1	8
L859070	0.51	0.2	6.9	1.4	198	<0.2	11.2	0.183	0.3	47	0.2	41
L859074	1.19	0.2	3	0.7	62	<0.2	12.2	0.074	0.3	31	0.2	120

APPENDIX VI. GEOCHEMICAL SAMPLE DESCRIPTIONS

Risby Creek 2013
SAMPLE TRACKING SHEET

Sample	Sampler	Shipment	Certificate	UTME	UTMN	Type
K948151	KS	RC-13-01	WHI13000044	392700	6849226	stream
K948152	KS	RC-13-01	WHI13000043	393240	6849060	B
K948154	KS	RC-13-01	WHI13000043	394430	6848780	B
K948155	KS	RC-13-01	WHI13000044	395770	6848370	stream
K948156	KS	RC-13-01	WHI13000044	395740	6848400	stream
K948157	KS	RC-13-01	WHI13000044	394770	6848900	stream
K948158	KS	RC-13-01	WHI13000043	402820	6843530	B
K948159	KS	RC-13-01	WHI13000043	403020	6843570	B
K948160	KS	RC-13-01	WHI13000043	403190	6843645	B
K948161	KS	RC-13-01	WHI13000043	403430	6843920	B
K948162	KS	RC-13-01	WHI13000043	403480	6843820	B
K948163	KS	RC-13-01	WHI13000043	402940	6843295	B
K948164	KS	RC-13-01	WHI13000043	402975	6843350	B
K948165	KS	RC-13-01	WHI13000043	403025	6843390	B
K948167	KS	RC-13-01	WHI13000043	403150	6843410	B
K948169	KS	RC-13-01	WHI13000043	403220	6843490	B
K948170	KS	RC-13-01	WHI13000043	403270	6843545	B
K948171	KS	RC-13-01	WHI13000043	403300	6843625	B
K948172	KS	RC-13-01	WHI13000044	395765	6847335	stream
K948173	KS	RC-13-01	WHI13000043	395980	6847280	B
K948174	KS	RC-13-01	WHI13000043	398940	6846610	B
K948175	KS	RC-13-01	WHI13000043	399065	6846985	B
K948176	KS	RC-13-01	WHI13000043	3990050	6847540	B
K948177	KS	RC-13-01	WHI13000043	399210	6847675	B
K948179	KS	RC-13-01	WHI13000043	400870	6844625	B
K948180	KS	RC-13-01	WHI13000043	401180	6844585	B
K948181	KS	RC-13-01	WHI13000043	399360	6845325	?
K948182	KS	RC-13-01	WHI13000043	399510	6845225	?
K948184	KS	RC-13-01	WHI13000043	399680	6845110	?
K948185	KS	RC-13-01	WHI13000044	399750	6845090	stream
K948186	KS	RC-13-01	WHI13000043	399875	6845010	?
K948187	KS	RC-13-01	WHI13000043	399990	6844810	?
L859051	LN/KS	RC-13-01	WHI13000043	399913	6845326	B
L859052	LN/KS	RC-13-01	WHI13000043	400535	6845650	B
L859053	LN/KS	RC-13-01	WHI13000044	400729	6846542	stream
L859055	LN/KS	RC-13-01	WHI13000043	400550	6846888	B
L859056	LN/KS	RC-13-01	WHI13000044	400640	6846906	stream
L859057	LN/KS	RC-13-01	WHI13000044	400540	6846668	stream
L859058	LN/KS	RC-13-01	WHI13000043	399681	6845795	B
L859059	LN/KS	RC-13-01	WHI13000043	393005	6848750	B
L859060	LN	RC-13-01	WHI13000044	392519	6849399	stream
L859061	LN	RC-13-01	WHI13000043	392506	6849486	B
L859062	LN	RC-13-01	WHI13000043	392787	6849854	B
L859063	LN	RC-13-01	WHI13000043	393058	6849996	B

Risby Creek 2013
SAMPLE TRACKING SHEET

Sample	Sampler	Shipment	Certificate	UTME	UTMN	Type
L859064	LN	RC-13-01	WHI13000043	393711	6850070	B
L859065	LN	RC-13-01	WHI13000043	394193	6849625	B
L859066	LN	RC-13-01	WHI13000043	394402	6849409	B
L859067	LN	RC-13-01	WHI13000043	394551	6849235	B
L859071	LN	RC-13-01	WHI13000043	402384	6844104	B
L859072	LN	RC-13-01	WHI13000043	402639	6844362	B
L859073	LN	RC-13-01	WHI13000043	402943	6844588	B
L859075	LN	RC-13-01	WHI13000043	403290	6844303	B
L859076	LN	RC-13-01	WHI13000043	403520	6845470	B
L859077	LN	RC-13-01	WHI13000043	395460	6847272	B
L859078	LN	RC-13-01	WHI13000043	395620	6847392	B
L859079	LN	RC-13-01	WHI13000043	395627	6847650	C
L859080	LN	RC-13-01	WHI13000043	379566	6847125	B
L859081	LN	RC-13-01	WHI13000043	397592	6847400	B
L859082	LN	RC-13-01	WHI13000043	397592	6847784	B
L859083	LN	RC-13-01	WHI13000043	397468	6848078	B
L859084	LN	RC-13-01	WHI13000043	397381	6848381	B
L859085	LN	RC-13-01	WHI13000043	397522	6848534	B
L859086	LN	RC-13-01	WHI13000043	397623	6848734	B
L859087	LN	RC-13-01	WHI13000043	397766	6848868	B
L859088	LN	RC-13-01	WHI13000043	387885	6848737	B
L859089	LN	RC-13-01	WHI13000043	401070	6844669	B
L859090	LN	RC-13-01	WHI13000043	401624	6844859	B
L859091	LN	RC-13-01	WHI13000043	401878	6844878	B
L859092	LN	RC-13-01	WHI13000043	401994	6845045	B
L859093	LN	RC-13-01	WHI13000043	402133	6845254	B
L859094	LN	RC-13-01	WHI13000043	402304	6845532	B
L859095	LN	RC-13-01	WHI13000043	402292	684575	B
L859096	LN	RC-13-01	WHI13000043	397511	6846386	?
L859097	LN	RC-13-01	WHI13000043	396683	6846810	?

Coordinates - NAD 83 Zone 9N

Sample	Description	Al	Ag	As	Au	B	Ba	Bi
		%	PPB	PPM	PPB	PPM	PPM	PPM
		0.01	2	0.1	0.2	1	0.5	0.02
K948151	point bar and back eddy on Campbell Creek (hearby named "Big Timber Blowdown and Beaver Dam	0.73	194	18.1	7.3	<1	373.2	0.13
K948152	At designated OC-03, on top of discontinuous series of eskers/glacial benches. Orange brown, silt 20,	1.13	62	12	3.8	2	356.7	0.3
K948154	2m below boulder field of K948153. Blue grey clay 40%, sand and pebble till.	1.18	460	14.5	5.2	3	477.1	0.27
K948155	South bank Campbell Cr: flood sand deposit, minor silt.	0.68	133	15	6	1	215.3	0.09
K948156	Rusty swamp from under moss drainage, clay and organics. 2 pictures	0.44	144	730.9	3.8	2	540.7	0.1
K948157	South bank Campbell Cr: back eddy flood deposit, silt 40%, sand 60%.	0.84	191	25.8	4.3	3	377.5	0.13
K948158	Regolith? Orange brown, minor clay, silt 50%, sand to pebbles 40%; green grey phyllite with tr calcic	0.82	147	8.3	2.1	<1	316.2	0.17
K948159	OC-54 area. Light brown silt 40, sand 20, gravel to cobbles 40%; quartzite or strongly silic limestone,	0.76	429	8.5	3.8	3	353.4	0.14
K948160	OC-55 area. Dark grey clay 30%, lighter brown grey silt sand gravel 40%, rest glacial erratics and	1.28	539	15.8	5.3	2	510.7	0.29
K948161	OC-56 area. Light green brown clay and silt 50%, fragments of mafic volcanics dominate but some	0.96	69	7.7	3	1	308.1	0.15
K948162	Elev 1010m, below outcrops of RC13-02, in a very small but sharp sided gully uphill at 340 deg.	0.81	154	7.8	4.4	3	271.6	0.18
K948163	To 948171: line of soil samples below outcrops along base of slope in SE corner of the property.	0.68	55	5.5	<0.2	2	156.1	0.12
K948164	Dark grey, clay rich, fragments of phyllite but still below limestone.	1.04	365	10.4	8	3	232.1	0.21
K948165	Dark grey, clay rich, fragments of phyllite.	1.02	371	17.5	26.2	5	160.6	0.36
K948167	Dark brown grey, partially frozen clay silt sand.	1.14	252	10	2.6	2	341.7	0.3
K948169	Grey brown mix of coarse till and fragments phyllite, about 20% fines.	0.92	212	12	3.5	2	344.5	0.22
K948170	Yellow brown mix of till and phyllite, about 20% fines.	1.09	328	14.3	2.2	3	422.2	0.25
K948171	Green grey silty clay, minor till. End soil line.	0.71	209	7.3	7.3	2	366.3	0.17
K948172	Between OC-18 and 19. Swamp/creek. Dark grey to black clay, silt, and rock fragments black phyllite,	0.44	161	4.7	3.6	<1	214.9	0.06
K948173	At OC-19, gentle north slope in old burn with young spruce and willow. Dark brown grey, partially	0.8	603	9	5.3	1	261.6	0.18
K948174	Small rise in spruce swamp, slight slope to SW. Green brown, clay rich mix of till and phyllite	1.11	86	8.8	5.3	1	381.4	0.16
K948175	Top of small rise, open black spruce. Clay and silt 50%, sand to pebbles phyllite fragments and minor	1.33	53	10.5	5.8	2	319.1	0.2
K948176	Close to RC13-K3. Brown yellow clay and silt 70%, few dark rock fragments, little till.	1.08	41	7.7	2.6	<1	365.6	0.15
K948177	Dark grey mud with phyllite and limestone fragments, minor till. N slope solifluction pan.	1.24	359	7.3	2.9	2	289.7	0.18
K948179	At OC-43. As above, some limestone fragments.	0.9	432	11.7	5.8	5	510.1	0.17
K948180	At OC-45. As above, more till.	1.12	592	15.2	2.9	3	336.9	0.19
K948181	No description	0.79	294	3	7	4	247.5	0.14
K948182	No description	1.49	304	8.9	3.4	7	469.2	0.17
K948184	No description	1.75	475	11.3	3.6	4	319.8	0.19
K948185	No description	0.69	319	5.3	2.2	7	274.8	0.14
K948186	No description	0.44	302	14.6	12.7	2	127.5	0.21
K948187	No description	1.12	367	7.1	5.2	2	658.2	0.29
L859051	grey-brown, 20 cm depth, 60% silt, 20% sand, 20% pebbles + cobbles, unsorted, in till boulder field	1.06	524	11.5	5.1	3	608.4	0.24
L859052	grey-brown, 15 cm depth, 1/3 clay 1/3 silt 1/3 pebbles + cobbles, fully saturated, from base of tree-	1.17	157	6.6	2.8	2	402.7	0.22
L859053	dark brown, 20% org, minor silt, majority sand/gravel, From small (50 cm) creek in flat-lying spruce	0.56	106	3.6	3.7	1	296.2	0.06
L859055	green-grey. 10%clay, 40% silt, 50% gravel/pebbles/cobbles. Large clasts of chert (l green-beige,	1.19	345	8.9	1.8	1	647	0.22
L859056	greenish brown-grey. 10% sand, 40% clay/silt, 50% gravel/cobbles, no boulders. From tree-fall near	1.08	292	9.3	3.5	1	380.2	0.22
L859057	varied colour to to coarseness. 5% silt, 50% sand, 45% pebbles/cobbles. No dominant lithology in	0.84	172	9	3.4	2	473.6	0.14
L859058	grey. 10% clay, 50% silt, some gravel/pebbles (chert). Flat-lying area, on old E-W cat trail.	1	375	8.5	6	4	489	0.21
L859059	brown, 50% sand, 30% pebbles/cobbles, 20% org, float of phyllite, chert and cgr (max 15 mm) vuggy	1.23	791	19.9	6	5	521.3	0.38
L859060	dark grey, 50% silt, 30% pebbles/cobbles, 20% sand. Lithologies include: chert, mafic volcanics. Clasts	0.73	241	6.4	3.2	2	304.1	0.13
L859061	red-brown, 60% sand, 20% pebbles/cobbles, 10% silt, 19% org, 30 cm depth. Well-drained, loose	1.33	114	9.3	<0.2	<1	592	0.29
L859062	orange-brown, 60% sand, 30% pebbles/cobbles, 10% silt. Loose structure. Pebbles and cobbles are	0.99	55	8.2	0.4	<1	188.5	0.22
L859063	l brown, 60% pebbles/cobbles, 30% sand, 10% silt. Float of coarse white qtz w/ fine red veins (20 cm	0.69	101	3.9	<0.2	<1	131.1	0.14

Coordinates - NAD 83 Zone 9N

Sample	Description	Al %	Ag PPB	As PPM	Au PPB	B PPM	Ba PPM	Bi PPM
		0.01	2	0.1	0.2	1	0.5	0.02
L859064	l orangish-brown, 60% silt, 30% sand, 10% pebbles/cobbles, predominantly banded chert, 20 cm	1.2	56	10	0.7	<1	314.7	0.15
L859065	l orange-brown, 10% clay, 60% silt/fine sand, 20% sand, 10% pebbles, Minor cobbles - dark grey	0.79	100	14.2	8.9	1	235	0.34
L859066	yellow-brown, 15% clay, 70% silt/fine sand, 15% pebbles/cobbles - d lam chert (sil argillite), clasts	0.75	105	9.9	3.8	2	252.6	0.2
L859067	yellow-orangish brown, 10% clay, 50% silt, 10% org, 30% pebbles/cobbles - felsic intrusives (1 mm	1.04	97	10.8	3.9	2	392.5	0.18
L859071	greenish beige, 30 clay, 30 silt, 30 sand, 10 pebbles/cobbles, 1 cm flat angular clasts of phyllite, Small	1.19	194	8.7	3.5	2	402.8	0.22
L859072	med grey, 50 pebbles/cobbles, 40 sand, 10 silt/clay, Float; sucrosic qtz w/ red veining, brown	0.36	100	1.4	5.3	<1	143.7	0.15
L859073	yellow-grey, 20 clay, 60 silt/sand, 20 pebbles/gravel - lam chert, phyll, qtz, one 6x4 cm flat round	0.8	150	6.9	0.6	<1	389.7	0.18
L859075	orange-yellow brown, 20 clay, 40 silt, 10 sand, 30 cobbles, From same location as rock sample	2.08	252	12.4	4.1	3	520.1	0.23
L859076	l greenish brown-grey, 30 clay, 40 silt/fine sand, 10 org (small roots) 15 sand, 5 gravel (phyllite),	1	179	6.6	1.8	3	478.8	0.19
L859077	m brown, 20 clay, 50 silt, 20 sand 10 pebbles - flat phyllite frags w/ exterior orange colour, Firm	0.89	284	10.6	5.9	2	363.1	0.43
L859078	l grey-brown, 50 sand, 20 silt, 30 pebbles/cobbles - predom, Ms phyll, some v coarse white quartz,	0.7	413	14.4	7.6	3	501.1	0.26
L859079	regolith, Base of ash layer above has red-brown staining, 70% angular phyllite fragments in yellow-	0.42	284	7.3	24.5	<1	248.8	0.32
L859080	grey-brown, loose texture, dry. 40 pebbles/cobbles, 40 sand, 20 silt. Float of coarse poorly sorted	1.06	445	6.6	0.3	1	406.8	0.15
L859081	brown-grey, 20 silt, 30 sand, 50 pebbles/cobbles - predom, phyllite, w/ some lam chert, sucrosic	0.74	119	5.7	2.2	1	199.2	0.14
L859082	greensih grey-brown, 20 clay, 30 silt, 30 sand, 20 pebbles/cobbles - black laminated argillite, phyllite,	0.73	66	7.6	1.9	2	248.6	0.13
L859083	yellow-grey, 30 silt, 40 sand, 30 pebbles/cobbles - coarse qtz, dark banded fgr, grey-green qtz-rich	0.93	172	14.5	2.3	1	237.6	0.16
L859084	greenish yellow-brown, 20 clay, 40 silt, 20 sand, 20 pebbles/cobbles - predom, Flat, thin, angular	1.08	356	9.4	1.1	1	264.9	0.4
L859085	beige, 30 clay, 30 silt, 20 sand, 20 pebbles/cobbles - weathered chert, fresher (more angular, less	1.05	356	11.5	3	1	405.5	0.28
L859086	yellow-grey, 15 clay, 30 silt, 25 sand, 30 pebbles/cobbles - majority d grey phyllite (flat and angular)	0.86	318	5.4	5.7	<1	401.4	0.25
L859087	yellowish grey-brown, 20 clay, 40 silt, 20 sand, 20 pebbles/cobbles - majority blue- grey phyllite,	0.97	979	17.1	10.4	1	301.9	0.2
L859088	grey-brown, 10 clay, 30 silt, 40 sand, 20 pebbles/cobbles - rounded felsic intrusice (2 mm grains), ang	0.48	801	9.4	4.9	2	223.6	0.16
L859089	grey, sticky, fairly drained, 25 clay, 35 silt, 20 sand, 20 pebbles/cobbles - pale chert, felsic intrus.,	0.65	96	4.3	2.3	2	169.3	0.1
L859090	yellow-grey, Well-drained, firm and blocky, 20 clay, 50 silt, 20 sand, 10 pebbles/cobbles - some	1.14	59	10.5	2.1	2	435.5	0.2
L859091	orange-yellow brown, 20 clay, 30 silt/sand, 50 cobbles - angular grey massive fgr rocks (arg?) w/	1.19	419	6.9	0.7	<1	369.8	0.15
L859092	grey-brown, 15 clay, 35 silt, 20 sand, 30 pebbles/cobbles - rounded qtz, argillite, layered rocks, Tree	0.7	144	4	<0.2	2	263.3	0.13
L859093	grey, 20 clay, 40 silt, 20 sand, 20 pebbles/cobbles - small chert and phyllite, large sub-ang cobble of d	0.89	104	5.4	2.2	2	495.9	0.14
L859094	l grey-brown, 20 clay, 60 silt, 10 sand, 10 pebbles cobbles - argillite, other to small to break open,	0.83	125	5.9	4	2	261.5	0.12
L859095	grey, 70 sand, 20 silt, 10 pebbles/cobbles - chert, black small cobble (argill) w/ 3 mm qtz vein, Loose	0.38	61	6	1.1	1	127.1	0.14
L859096	No description	0.5	106	4.8	2.2	<1	235.3	0.14
L859097	No description	0.58	135	6	2.3	2	168	0.09

Sample	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mo	Mn	Na	Ni	P	Pb	S
	%	PPM	PPM	PPM	PPM	%	PPM	PPB	%	PPM	%	PPM	PPM	%	PPM	%	PPM	%
	0.01	0.01	0.1	0.5	0.01	0.01	0.1	5	0.01	0.5	0.01	0.01	1	0.001	0.1	0.001	0.01	0.02
K948151	0.67	0.48	6.7	20.4	18.87	1.82	1.9	96	0.09	13.9	0.44	0.85	1216	0.006	26.9	0.118	11.09	0.05
K948152	0.12	1.76	9.7	23.9	12.91	2.54	4.3	<5	0.06	13.3	0.31	1.71	302	0.002	20.2	0.056	18.28	<0.02
K948154	1.59	0.97	9.2	24.4	42.21	2.39	3	147	0.17	19.2	0.7	2.69	451	0.009	38.5	0.102	26.64	<0.02
K948155	0.43	0.41	6.4	18.6	12.86	1.5	1.8	77	0.06	11	0.39	0.49	504	0.004	22	0.089	7.81	0.06
K948156	1.76	0.45	7	13.1	14.66	12.94	1.3	75	0.06	7.4	0.3	4.4	3966	0.006	19.2	0.104	9.99	0.08
K948157	0.68	0.62	8.6	22.1	19.2	2.07	2.1	108	0.09	14.2	0.46	0.92	1819	0.007	30.1	0.096	9.83	0.07
K948158	0.2	0.5	6.5	19	13.39	1.68	2.5	8	0.09	12.6	0.33	1.26	171	0.002	23.7	0.069	15.18	<0.02
K948159	7.74	1.36	6.5	12.8	32.72	2.94	1.8	252	0.09	12.9	2.84	2.26	744	0.019	28.3	0.065	30.55	0.05
K948160	3.28	1.37	12	31.1	49.38	2.59	3.5	238	0.18	13.7	0.98	3.97	531	0.029	49.7	0.105	21.75	0.49
K948161	0.23	0.03	6.2	19.9	16.86	1.54	2.4	26	0.07	13.6	0.38	1.3	211	0.003	22.1	0.049	10.13	<0.02
K948162	0.47	0.41	7.1	17.7	17.64	1.53	2.5	33	0.09	11.6	0.34	1.51	451	0.007	19.1	0.085	15.74	<0.02
K948163	0.76	1.69	9.8	7.1	16.54	2.49	1.8	<5	0.02	5	0.29	0.72	1606	0.01	9.8	0.05	9.54	0.02
K948164	0.89	0.33	7.4	20.2	31.35	2	2.8	78	0.08	10.3	0.56	1.38	183	0.01	24.3	0.057	14.5	0.05
K948165	4.42	0.51	12.4	19.7	50.23	2.68	2.5	225	0.04	4.5	0.62	1.3	263	0.008	32.1	0.078	22.5	0.1
K948167	0.77	1.5	7.6	22	18.22	2.24	3.6	32	0.1	14.1	0.51	1.66	450	0.003	23.2	0.062	17.12	0.03
K948169	0.52	0.38	7.4	21.2	34.33	1.92	2.8	69	0.11	16.8	0.43	1.82	385	0.008	30.7	0.087	14.72	0.02
K948170	0.8	1.12	10.8	19.3	53.81	1.91	3	26	0.08	13.6	0.33	1.42	781	0.009	35.7	0.038	18.93	0.02
K948171	0.68	0.47	7.1	19.8	25.42	1.66	2.1	98	0.06	15	0.45	1.25	258	0.005	27.3	0.101	11.36	<0.02
K948172	0.45	0.35	4.2	10.3	14.83	1.01	1.4	99	0.05	12.9	0.24	0.78	197	0.006	15.7	0.098	5.05	0.03
K948173	0.46	0.57	7	20.7	36.56	1.87	2.6	203	0.06	16.1	0.39	1.62	339	0.004	28.3	0.079	10.27	<0.02
K948174	0.09	0.16	7.2	30.6	26.9	1.87	2.9	49	0.05	17.1	0.4	1.19	223	0.002	34.7	0.025	11.89	<0.02
K948175	0.13	0.14	8.6	30.1	26.49	2.36	3.3	31	0.07	19.8	0.54	1.69	275	0.001	34.3	0.047	12.58	<0.02
K948176	0.05	0.53	7.3	18.6	20.44	1.89	2.7	14	0.09	19.1	0.35	1.2	166	0.001	22.9	0.023	10.61	<0.02
K948177	0.39	0.62	9.9	22.9	34.24	2.16	3.6	119	0.16	24.9	0.54	1.03	339	0.006	33.5	0.083	14.66	<0.02
K948179	2.92	1.06	8.9	18.9	36.24	1.71	2.9	348	0.18	13.2	0.82	1.68	451	0.01	36.9	0.084	13.6	0.03
K948180	0.47	0.61	11	22.4	27.33	2.35	3.2	161	0.11	21.5	0.54	1.41	476	0.012	36.9	0.055	23.72	<0.02
K948181	14.75	1.43	4.2	17.7	32.33	1.15	2	95	0.07	7.1	0.49	0.15	316	0.013	23.8	0.079	9.93	0.14
K948182	0.61	0.6	9.9	29.1	38.94	3.01	5.5	109	0.18	26.5	0.69	1.27	581	0.013	33.5	0.071	22.08	0.02
K948184	0.93	0.6	8.5	30.6	23.08	2.29	4.9	77	0.09	18.2	0.67	1.37	548	0.058	31.9	0.042	30.09	0.02
K948185	4.34	1.09	5.2	13.3	24.95	1.38	1.8	89	0.08	7.6	0.43	0.77	468	0.02	23.9	0.062	8.94	0.11
K948186	0.82	0.1	7	3.4	29.56	1.83	0.7	78	0.09	13.5	0.24	0.79	222	0.003	10.5	0.05	17.7	0.04
K948187	0.83	0.81	12.1	32.7	52.3	2.1	3.7	70	0.06	16.1	0.37	1.82	1251	0.007	35.7	0.065	16.35	0.03
L859051	2.68	0.89	9.3	27.8	40.32	1.83	3.1	234	0.21	14.6	0.69	1.35	416	0.012	48.7	0.087	12.08	0.03
L859052	0.35	0.21	8.5	28.2	13.82	1.87	3.9	21	0.1	17.2	0.44	1.02	349	0.003	24.2	0.046	11.02	<0.02
L859053	0.58	0.57	4	15.9	9.99	0.92	1.8	61	0.06	10.8	0.31	0.38	569	0.005	15.4	0.104	5.25	0.04
L859055	0.41	0.22	6.5	24.8	17.51	2.07	3.6	51	0.09	19.8	0.46	1.42	247	0.005	26.9	0.042	11.23	<0.02
L859056	0.46	0.42	6.8	24	23.66	1.98	3.2	76	0.13	19.8	0.41	1.71	574	0.004	31.1	0.113	11.36	<0.02
L859057	0.6	0.75	11	28.6	17.42	1.96	2.4	46	0.12	12.6	0.48	2.42	2143	0.007	34.5	0.112	30.42	0.05
L859058	0.5	0.46	8.6	29.5	34.19	2.01	2.8	175	0.08	20.4	0.48	1.07	311	0.004	38	0.084	12.53	<0.02
L859059	1.09	1.58	16.6	30.8	53.9	3.03	4	195	0.17	21.9	0.58	1.81	1019	0.027	52.6	0.098	32.64	0.04
L859060	0.58	0.59	6.4	19.7	24.76	1.39	2.1	132	0.08	13	0.39	0.66	126	0.006	25.1	0.108	11.13	0.05
L859061	0.27	1.57	11.8	25.4	16.17	2.54	4.9	25	0.08	12.7	0.33	1.81	1036	0.007	21.4	0.046	18.57	<0.02
L859062	0.07	0.89	7.1	19.6	10.62	2.02	4.3	49	0.05	11.9	0.23	1.32	184	0.004	16.3	0.057	13.09	<0.02
L859063	0.07	0.59	4	14.6	5.48	1.39	3.1	9	0.05	10.6	0.14	0.99	143	0.003	8.1	0.028	8.44	<0.02

Sample	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mo	Mn	Na	Ni	P	Pb	S
	%	PPM	PPM	PPM	PPM	%	PPM	PPB	%	PPM	%	PPM	PPM	%	PPM	%	PPM	%
	0.01	0.01	0.1	0.5	0.01	0.01	0.1	5	0.01	0.5	0.01	0.01	1	0.001	0.1	0.001	0.01	0.02
L859064	0.11	0.06	6.4	27.1	17.5	1.94	3.4	48	0.07	15.8	0.37	1.52	137	0.003	25	0.019	10.84	<0.02
L859065	0.15	0.19	6.1	19.5	15.59	2.03	2.1	36	0.06	15	0.33	1.3	136	0.004	22.5	0.077	10.21	<0.02
L859066	0.13	0.11	4.4	17.6	16.44	1.49	2.2	29	0.05	12.4	0.3	1.22	97	0.004	19.4	0.018	10.98	<0.02
L859067	0.14	0.18	5.9	18.8	13.06	1.88	2.8	17	0.04	12.8	0.35	1.19	119	0.003	19.5	0.023	10.34	<0.02
L859071	0.2	0.21	5.7	23.4	18.69	1.88	3.5	18	0.11	17.1	0.45	1.12	217	0.005	26.5	0.083	11.9	<0.02
L859072	0.09	0.41	0.5	6.2	3.95	0.3	2	12	0.04	14.5	0.07	0.34	22	0.003	2.6	0.019	4.86	<0.02
L859073	0.11	0.33	2.9	16	11.04	1.4	3.1	22	0.05	16	0.25	1.37	139	0.003	11.7	0.03	11.07	<0.02
L859075	0.14	0.27	11.7	41.6	25.42	3.25	4.7	49	0.11	15	0.52	2.21	396	0.004	46.5	0.063	18.13	<0.02
L859076	0.34	0.14	7	28.5	12.74	1.65	3.4	33	0.09	14.5	0.44	1.31	407	0.006	26	0.046	13.5	<0.02
L859077	0.86	0.25	5.8	21.1	26.2	1.99	2.3	141	0.05	15.3	0.47	1.5	168	0.007	26.8	0.044	10.74	0.03
L859078	1.78	0.76	10.1	18.7	49.19	1.99	2.2	193	0.1	17.1	0.47	1.9	504	0.008	36.9	0.106	13.51	0.03
L859079	0.12	0.12	1	14.1	57.5	3.59	3.2	96	0.19	30.5	0.08	18.47	63	0.009	7.6	0.079	19.51	0.37
L859080	0.32	0.64	6.7	17.8	15.14	1.62	3.8	52	0.07	8.4	0.3	1.36	267	0.015	16.6	0.041	15.35	<0.02
L859081	0.12	0.96	4.7	19.7	11.99	1.68	3.8	27	0.08	13.7	0.22	1.72	205	0.005	17.8	0.049	10.21	<0.02
L859082	0.17	0.29	5.5	16.1	10.26	1.66	2.5	15	0.07	14.1	0.32	1.27	230	0.002	15.9	0.101	12.18	<0.02
L859083	0.22	0.15	7.2	19.6	20.69	2.1	2.9	32	0.08	19.4	0.37	2.26	199	0.004	25	0.037	12.1	<0.02
L859084	0.05	0.24	7.4	22.8	25.47	2.44	3.5	27	0.1	26.7	0.45	1.88	270	0.002	24.8	0.038	15.6	<0.02
L859085	0.1	0.22	8.3	21.5	25.1	2.46	3.4	65	0.12	23.7	0.46	2.21	339	0.003	24.9	0.045	14.23	<0.02
L859086	0.27	2.27	5.5	11.9	42.66	1.59	2.6	107	0.09	14.5	0.26	1.45	443	0.011	42.6	0.047	14.82	0.03
L859087	0.05	0.13	3.1	17.4	22.22	2.13	3	87	0.1	24.3	0.28	3.99	146	0.002	13.4	0.088	12.24	0.06
L859088	0.06	0.49	5.3	10.6	21.33	1.44	2.4	32	0.1	23.5	0.19	2.77	162	0.004	13.1	0.079	12.45	0.05
L859089	0.17	0.34	3.3	14.8	8.17	1.23	2.6	15	0.08	16.9	0.32	0.85	146	0.003	12.8	0.052	5.49	<0.02
L859090	0.25	0.41	8.3	26.5	26.32	2.01	3.3	65	0.12	20.2	0.45	1.62	369	0.005	30	0.061	16.47	<0.02
L859091	0.07	0.36	4	18.8	8.21	1.87	4.4	17	0.06	15.3	0.31	1.32	168	0.004	13.7	0.034	10.97	<0.02
L859092	0.17	0.89	4.5	17.2	8.33	1.22	2.9	24	0.09	14.2	0.3	0.85	272	0.007	12	0.052	9.07	<0.02
L859093	0.22	0.74	5	25.1	12.42	1.42	3.2	37	0.08	15.2	0.36	1.32	286	0.004	16.2	0.036	8.35	<0.02
L859094	0.18	0.22	4.2	20.6	19.38	1.53	2.5	54	0.06	23.9	0.37	0.82	163	0.002	18.5	0.084	10.26	<0.02
L859095	0.12	0.28	2.6	9.7	9.34	0.97	2.2	11	0.06	16.4	0.13	1.2	85	0.002	10.1	0.066	8.13	<0.02
L859096	0.52	0.42	4.8	13.7	10.55	1.11	1.6	81	0.05	12.2	0.28	0.66	390	0.004	16.8	0.119	8.27	0.02
L859097	0.47	0.14	4.1	16.3	6.29	1.29	2	42	0.05	13	0.34	0.78	157	0.004	11.8	0.096	7.93	<0.02

Sample	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM
	0.02	0.1	0.1	0.5	0.02	0.1	0.001	0.02	0.1	2	0.1	0.1
K948151	1.02	1.9	1	50.2	0.06	3.2	0.013	0.09	1.1	27	0.1	109.3
K948152	1.36	1.8	<0.1	11.2	0.09	2.4	0.012	0.13	0.4	47	0.3	121.9
K948154	2.46	3.2	0.9	61.6	0.29	6.3	0.015	0.19	0.9	41	0.2	142.2
K948155	0.92	1.5	0.5	35.3	0.06	2.9	0.01	0.07	0.8	21	<0.1	85.1
K948156	0.69	1.5	1.4	162.6	0.04	2.2	0.008	0.06	0.9	14	0.1	72.4
K948157	0.78	2.2	1.6	50.8	0.06	3.4	0.014	0.09	1.1	27	0.1	99.5
K948158	0.96	1.9	<0.1	15.8	0.15	3.1	0.012	0.11	0.6	33	0.3	95.6
K948159	2.63	3.1	0.1	207.3	0.08	3.7	0.008	0.12	1	25	<0.1	109.9
K948160	3.19	3.4	<0.1	139.1	0.14	5.4	0.026	0.25	3.4	48	0.2	160.1
K948161	1.01	1.8	<0.1	16.5	0.11	2.9	0.008	0.13	0.5	33	0.2	66
K948162	1.18	2.2	<0.1	30.5	0.04	2.4	0.01	0.1	0.9	33	0.2	113.1
K948163	0.53	2.9	<0.1	20.5	0.2	0.4	0.004	0.02	0.6	25	<0.1	101.6
K948164	1.66	2.8	1.9	62.5	0.18	2.3	0.008	0.11	1	31	<0.1	85.6
K948165	2.84	2.5	2.4	145.1	<0.02	2.6	0.003	0.06	1.4	15	<0.1	75.1
K948167	1.35	2.6	2.3	41.3	<0.02	2.4	0.009	0.11	1.7	45	0.3	237.5
K948169	2.15	2.8	0.2	33.8	0.07	3.6	0.012	0.11	0.9	37	0.2	106.4
K948170	4.47	3.4	0.8	43.6	0.24	1.9	0.011	0.2	0.8	44	0.2	76.5
K948171	1.35	2.5	1.2	41.1	0.06	4.1	0.021	0.1	0.8	29	0.2	98.5
K948172	0.9	1	0.7	42.8	<0.02	2.9	0.012	0.06	1.1	18	0.1	69.5
K948173	1.2	2.5	1.1	29.7	0.09	2.2	0.011	0.1	1	29	0.2	110.2
K948174	1.21	2	<0.1	9.8	0.05	3.9	0.011	0.09	0.5	32	0.1	65.4
K948175	1.17	2.2	0.3	13.7	0.15	4.1	0.009	0.1	0.5	35	0.1	73
K948176	0.96	1.7	<0.1	7.7	<0.02	4	0.007	0.09	0.4	30	0.1	60.8
K948177	1.26	2.7	0.2	30.7	<0.02	6.4	0.011	0.14	0.7	31	<0.1	100.4
K948179	2.44	2.7	0.8	142.4	0.06	3.8	0.016	0.18	1.3	41	0.2	106.1
K948180	1.96	4.9	1.6	27.2	<0.02	4.9	0.018	0.22	0.7	43	0.1	77.6
K948181	0.61	2	1.1	199.6	<0.02	1.9	0.017	0.08	0.9	23	0.1	96.1
K948182	1.24	6.2	1	41.9	0.03	10.1	0.096	0.2	2.1	56	0.2	100.3
K948184	1.25	5.9	1.2	53.5	<0.02	5	0.031	0.16	1.1	53	0.2	100.3
K948185	0.91	1.4	2.1	145	0.04	0.9	0.01	0.08	1.7	21	<0.1	75.8
K948186	1.31	1.8	0.5	79.4	<0.02	4.1	<0.001	0.04	0.7	3	<0.1	44
K948187	1.05	2.4	1.1	55.8	0.04	1	0.009	0.12	1.6	40	0.2	118.6
L859051	2.33	3	<0.1	95.8	<0.02	3.7	0.019	0.17	0.8	47	0.1	92.6
L859052	0.79	2.1	<0.1	23.4	<0.02	2.9	0.014	0.17	0.7	41	0.2	92.1
L859053	0.46	1.3	0.4	46.9	0.06	2.3	0.011	0.06	1.2	22	<0.1	71.9
L859055	1.22	2.5	<0.1	30.8	<0.02	3.4	0.012	0.11	1.2	39	0.1	78.8
L859056	1.28	2.6	0.7	37.8	<0.02	4	0.015	0.1	1.1	38	0.2	104.3
L859057	2.14	1.7	0.7	44	0.09	3.1	0.018	0.09	1.6	32	0.2	155
L859058	1.14	3.3	0.4	28.4	0.04	4.4	0.013	0.09	0.9	34	0.2	91
L859059	2.37	5	1	61.5	0.08	3.5	0.03	0.24	0.8	44	0.2	169.9
L859060	1.11	2	0.9	46.3	0.03	2.8	0.011	0.08	1	26	0.1	96.6
L859061	1.2	2.5	<0.1	19.8	0.06	2.3	0.014	0.13	0.4	50	0.2	139.5
L859062	1.21	1.5	<0.1	6.7	0.02	1	0.011	0.09	0.3	42	0.2	106.1
L859063	0.75	1	<0.1	6	<0.02	0.5	0.012	0.09	0.2	35	0.1	80.5

Sample	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM
	0.02	0.1	0.1	0.5	0.02	0.1	0.001	0.02	0.1	2	0.1	0.1
L859064	1.43	2.2	0.9	10	0.08	3.4	0.008	0.13	0.4	37	0.1	51.4
L859065	1.46	1.4	0.8	16	0.07	3.6	0.006	0.07	0.5	29	0.2	57
L859066	1.01	1.4	0.4	11	0.05	2.5	0.008	0.07	0.3	27	0.1	41.6
L859067	0.99	1.8	0.3	14.9	0.02	3.1	0.006	0.11	0.3	37	0.2	53.1
L859071	0.99	1.9	0.3	19.1	0.03	3.1	0.009	0.13	0.6	42	0.2	82.8
L859072	0.14	0.2	0.1	8.8	<0.02	<0.1	0.005	0.06	0.3	13	0.1	13.4
L859073	0.66	1.2	<0.1	10.5	0.06	2	0.009	0.08	0.4	40	0.2	47.4
L859075	1.3	3.2	0.5	14.2	0.05	3.6	0.006	0.22	0.7	58	0.2	102.7
L859076	0.65	1.5	0.3	33	0.04	1.1	0.007	0.1	0.7	36	0.1	79.7
L859077	1.53	2.2	2.3	68.6	0.06	2.1	0.008	0.07	3.1	27	0.2	65.5
L859078	2.28	2.1	1	75.1	0.05	3.4	0.013	0.14	0.9	26	0.2	104
L859079	2.83	0.5	4	72.8	0.35	1.9	0.003	0.09	0.8	60	<0.1	63.5
L859080	0.97	1.5	0.4	24.4	0.03	1.3	0.011	0.14	0.3	37	0.1	79.7
L859081	1.16	1.2	0.2	11.2	<0.02	1.1	0.012	0.11	0.3	40	0.2	101.1
L859082	0.91	1.1	0.2	16.9	<0.02	2.5	0.009	0.08	0.5	33	0.1	97.8
L859083	1.62	1.5	0.5	20.6	0.04	3.7	0.006	0.11	0.5	29	0.1	63.4
L859084	1.29	1.3	0.6	10	0.07	2.1	0.006	0.05	0.5	33	<0.1	88.3
L859085	1.66	1.7	0.8	16.9	0.07	4.1	0.008	0.12	0.5	33	<0.1	83.8
L859086	0.97	1.2	2.7	24.8	0.06	1.6	0.005	0.08	0.9	23	<0.1	94.8
L859087	2.04	1.3	1.5	26.7	0.13	4	0.006	0.12	0.8	45	<0.1	49.9
L859088	1.62	0.6	1.3	25.5	0.12	2.7	0.007	0.08	0.6	24	<0.1	66
L859089	0.69	1.1	0.1	14	<0.02	1.7	0.012	0.09	0.4	29	0.1	77.7
L859090	1.41	2.5	0.5	22.4	0.02	3.1	0.011	0.11	0.8	41	0.2	91.2
L859091	0.53	1.4	0.3	8	0.04	1.8	0.01	0.1	0.3	49	0.2	68.7
L859092	0.46	0.9	0.2	13.5	<0.02	0.7	0.01	0.07	0.3	28	0.1	70.1
L859093	0.6	1.4	<0.1	17.3	<0.02	1	0.01	0.07	0.6	34	0.2	63.1
L859094	0.86	1.1	0.3	18.2	0.02	2.2	0.007	0.08	0.7	24	<0.1	55
L859095	0.92	0.6	0.3	13.5	0.02	1	0.011	0.06	0.4	25	0.2	46.4
L859096	0.76	1.2	0.4	41.4	<0.02	2.8	0.011	0.06	1.2	21	0.2	73.6
L859097	0.63	1.2	0.2	32.4	<0.02	2.6	0.012	0.06	0.7	24	0.1	58.6

APPENDIX VII. ASSAY CERTIFICATES

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

www.acmelab.com

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Submitted By: Mike Power
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: June 30, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI13000045.1

CLIENT JOB INFORMATION

Project: PRL-13523-YT
Shipment ID: RC-2013-01
P.O. Number
Number of Samples: 67

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	67	Dry at 60C			WHI
SS80	67	Dry at 60C sieve 100g to -80 mesh			WHI
1F03	64	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Mike Wark

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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A Bureau Veritas Group Company

www.acmelab.com

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

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: PRL-13523-YT
Report Date: June 30, 2013

CERTIFICATE OF ANALYSIS WHI13000045.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
K948152	Soil		1.71	12.91	18.28	121.9	62	20.2	9.7	302	2.54	12.0	0.4	3.8	2.4	11.2	1.76	1.36	0.30	47	0.12	0.056
K948154	Soil		2.69	42.21	26.64	142.2	460	38.5	9.2	451	2.39	14.5	0.9	5.2	6.3	61.6	0.97	2.46	0.27	41	1.59	0.102
K948158	Soil		1.26	13.39	15.18	95.6	147	23.7	6.5	171	1.68	8.3	0.6	2.1	3.1	15.8	0.50	0.96	0.17	33	0.20	0.069
K948159	Soil		2.26	32.72	30.55	109.9	429	28.3	6.5	744	2.94	8.5	1.0	3.8	3.7	207.3	1.36	2.63	0.14	25	7.74	0.065
K948160	Soil		3.97	49.38	21.75	160.1	539	49.7	12.0	531	2.59	15.8	3.4	5.3	5.4	139.1	1.37	3.19	0.29	48	3.28	0.105
K948161	Soil		1.30	16.86	10.13	66.0	69	22.1	6.2	211	1.54	7.7	0.5	3.0	2.9	16.5	0.03	1.01	0.15	33	0.23	0.049
K948162	Soil		1.51	17.64	15.74	113.1	154	19.1	7.1	451	1.53	7.8	0.9	4.4	2.4	30.5	0.41	1.18	0.18	33	0.47	0.085
K948163	Soil		0.72	16.54	9.54	101.6	55	9.8	9.8	1606	2.49	5.5	0.6	<0.2	0.4	20.5	1.69	0.53	0.12	25	0.76	0.050
K948164	Soil		1.38	31.35	14.50	85.6	365	24.3	7.4	183	2.00	10.4	1.0	8.0	2.3	62.5	0.33	1.66	0.21	31	0.89	0.057
K948165	Soil		1.30	50.23	22.50	75.1	371	32.1	12.4	263	2.68	17.5	1.4	26.2	2.6	145.1	0.51	2.84	0.36	15	4.42	0.078
K948166	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
K948167	Soil		1.66	18.22	17.12	237.5	252	23.2	7.6	450	2.24	10.0	1.7	2.6	2.4	41.3	1.50	1.35	0.30	45	0.77	0.062
K948168	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
K948169	Soil		1.82	34.33	14.72	106.4	212	30.7	7.4	385	1.92	12.0	0.9	3.5	3.6	33.8	0.38	2.15	0.22	37	0.52	0.087
K948170	Soil		1.42	53.81	18.93	76.5	328	35.7	10.8	781	1.91	14.3	0.8	2.2	1.9	43.6	1.12	4.47	0.25	44	0.80	0.038
K948171	Soil		1.25	25.42	11.36	98.5	209	27.3	7.1	258	1.66	7.3	0.8	7.3	4.1	41.1	0.47	1.35	0.17	29	0.68	0.101
K948173	Soil		1.62	36.56	10.27	110.2	603	28.3	7.0	339	1.87	9.0	1.0	5.3	2.2	29.7	0.57	1.20	0.18	29	0.46	0.079
K948174	Soil		1.19	26.90	11.89	65.4	86	34.7	7.2	223	1.87	8.8	0.5	5.3	3.9	9.8	0.16	1.21	0.16	32	0.09	0.025
K948175	Soil		1.69	26.49	12.58	73.0	53	34.3	8.6	275	2.36	10.5	0.5	5.8	4.1	13.7	0.14	1.17	0.20	35	0.13	0.047
K948176	Soil		1.20	20.44	10.61	60.8	41	22.9	7.3	166	1.89	7.7	0.4	2.6	4.0	7.7	0.53	0.96	0.15	30	0.05	0.023
K948177	Soil		1.03	34.24	14.66	100.4	359	33.5	9.9	339	2.16	7.3	0.7	2.9	6.4	30.7	0.62	1.26	0.18	31	0.39	0.083
K948178	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
K948179	Soil		1.68	36.24	13.60	106.1	432	36.9	8.9	451	1.71	11.7	1.3	5.8	3.8	142.4	1.06	2.44	0.17	41	2.92	0.084
K948180	Soil		1.41	27.33	23.72	77.6	592	36.9	11.0	476	2.35	15.2	0.7	2.9	4.9	27.2	0.61	1.96	0.19	43	0.47	0.055
L859051	Soil		1.35	40.32	12.08	92.6	524	48.7	9.3	416	1.83	11.5	0.8	5.1	3.7	95.8	0.89	2.33	0.24	47	2.68	0.087
L859052	Soil		1.02	13.82	11.02	92.1	157	24.2	8.5	349	1.87	6.6	0.7	2.8	2.9	23.4	0.21	0.79	0.22	41	0.35	0.046
L859055	Soil		1.42	17.51	11.23	78.8	345	26.9	6.5	247	2.07	8.9	1.2	1.8	3.4	30.8	0.22	1.22	0.22	39	0.41	0.042
L859056	Soil		1.71	23.66	11.36	104.3	292	31.1	6.8	574	1.98	9.3	1.1	3.5	4.0	37.8	0.42	1.28	0.22	38	0.46	0.113
L859061	Soil		1.81	16.17	18.57	139.5	114	21.4	11.8	1036	2.54	9.3	0.4	<0.2	2.3	19.8	1.57	1.20	0.29	50	0.27	0.046
L859062	Soil		1.32	10.62	13.09	106.1	55	16.3	7.1	184	2.02	8.2	0.3	0.4	1.0	6.7	0.89	1.21	0.22	42	0.07	0.057

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Project: PRL-13523-YT
Report Date: June 30, 2013

CERTIFICATE OF ANALYSIS WHI13000045.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
K948152	Soil	13.3	23.9	0.31	356.7	0.012	2	1.13	0.002	0.06	0.3	1.8	0.13	<0.02	<5	<0.1	0.09	4.3
K948154	Soil	19.2	24.4	0.70	477.1	0.015	3	1.18	0.009	0.17	0.2	3.2	0.19	<0.02	147	0.9	0.29	3.0
K948158	Soil	12.6	19.0	0.33	316.2	0.012	<1	0.82	0.002	0.09	0.3	1.9	0.11	<0.02	8	<0.1	0.15	2.5
K948159	Soil	12.9	12.8	2.84	353.4	0.008	3	0.76	0.019	0.09	<0.1	3.1	0.12	0.05	252	0.1	0.08	1.8
K948160	Soil	13.7	31.1	0.98	510.7	0.026	2	1.28	0.029	0.18	0.2	3.4	0.25	0.49	238	<0.1	0.14	3.5
K948161	Soil	13.6	19.9	0.38	308.1	0.008	1	0.96	0.003	0.07	0.2	1.8	0.13	<0.02	26	<0.1	0.11	2.4
K948162	Soil	11.6	17.7	0.34	271.6	0.010	3	0.81	0.007	0.09	0.2	2.2	0.10	<0.02	33	<0.1	0.04	2.5
K948163	Soil	5.0	7.1	0.29	156.1	0.004	2	0.68	0.010	0.02	<0.1	2.9	0.02	0.02	<5	<0.1	0.20	1.8
K948164	Soil	10.3	20.2	0.56	232.1	0.008	3	1.04	0.010	0.08	<0.1	2.8	0.11	0.05	78	1.9	0.18	2.8
K948165	Soil	4.5	19.7	0.62	160.6	0.003	5	1.02	0.008	0.04	<0.1	2.5	0.06	0.10	225	2.4	<0.02	2.5
K948166	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
K948167	Soil	14.1	22.0	0.51	341.7	0.009	2	1.14	0.003	0.10	0.3	2.6	0.11	0.03	32	2.3	<0.02	3.6
K948168	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
K948169	Soil	16.8	21.2	0.43	344.5	0.012	2	0.92	0.008	0.11	0.2	2.8	0.11	0.02	69	0.2	0.07	2.8
K948170	Soil	13.6	19.3	0.33	422.2	0.011	3	1.09	0.009	0.08	0.2	3.4	0.20	0.02	26	0.8	0.24	3.0
K948171	Soil	15.0	19.8	0.45	366.3	0.021	2	0.71	0.005	0.06	0.2	2.5	0.10	<0.02	98	1.2	0.06	2.1
K948173	Soil	16.1	20.7	0.39	261.6	0.011	1	0.80	0.004	0.06	0.2	2.5	0.10	<0.02	203	1.1	0.09	2.6
K948174	Soil	17.1	30.6	0.40	381.4	0.011	1	1.11	0.002	0.05	0.1	2.0	0.09	<0.02	49	<0.1	0.05	2.9
K948175	Soil	19.8	30.1	0.54	319.1	0.009	2	1.33	0.001	0.07	0.1	2.2	0.10	<0.02	31	0.3	0.15	3.3
K948176	Soil	19.1	18.6	0.35	365.6	0.007	<1	1.08	0.001	0.09	0.1	1.7	0.09	<0.02	14	<0.1	<0.02	2.7
K948177	Soil	24.9	22.9	0.54	289.7	0.011	2	1.24	0.006	0.16	<0.1	2.7	0.14	<0.02	119	0.2	<0.02	3.6
K948178	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
K948179	Soil	13.2	18.9	0.82	510.1	0.016	5	0.90	0.010	0.18	0.2	2.7	0.18	0.03	348	0.8	0.06	2.9
K948180	Soil	21.5	22.4	0.54	336.9	0.018	3	1.12	0.012	0.11	0.1	4.9	0.22	<0.02	161	1.6	<0.02	3.2
L859051	Soil	14.6	27.8	0.69	608.4	0.019	3	1.06	0.012	0.21	0.1	3.0	0.17	0.03	234	<0.1	<0.02	3.1
L859052	Soil	17.2	28.2	0.44	402.7	0.014	2	1.17	0.003	0.10	0.2	2.1	0.17	<0.02	21	<0.1	<0.02	3.9
L859055	Soil	19.8	24.8	0.46	647.0	0.012	1	1.19	0.005	0.09	0.1	2.5	0.11	<0.02	51	<0.1	<0.02	3.6
L859056	Soil	19.8	24.0	0.41	380.2	0.015	1	1.08	0.004	0.13	0.2	2.6	0.10	<0.02	76	0.7	<0.02	3.2
L859061	Soil	12.7	25.4	0.33	592.0	0.014	<1	1.33	0.007	0.08	0.2	2.5	0.13	<0.02	25	<0.1	0.06	4.9
L859062	Soil	11.9	19.6	0.23	188.5	0.011	<1	0.99	0.004	0.05	0.2	1.5	0.09	<0.02	49	<0.1	0.02	4.3

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Project: PRL-13523-YT
Report Date: June 30, 2013

CERTIFICATE OF ANALYSIS WHI13000045.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
L859063	Soil		0.99	5.48	8.44	80.5	101	8.1	4.0	143	1.39	3.9	0.2	<0.2	0.5	6.0	0.59	0.75	0.14	35	0.07	0.028
L859064	Soil		1.52	17.50	10.84	51.4	56	25.0	6.4	137	1.94	10.0	0.4	0.7	3.4	10.0	0.06	1.43	0.15	37	0.11	0.019
L859065	Soil		1.30	15.59	10.21	57.0	100	22.5	6.1	136	2.03	14.2	0.5	8.9	3.6	16.0	0.19	1.46	0.34	29	0.15	0.077
L859066	Soil		1.22	16.44	10.98	41.6	105	19.4	4.4	97	1.49	9.9	0.3	3.8	2.5	11.0	0.11	1.01	0.20	27	0.13	0.018
L859067	Soil		1.19	13.06	10.34	53.1	97	19.5	5.9	119	1.88	10.8	0.3	3.9	3.1	14.9	0.18	0.99	0.18	37	0.14	0.023
L859071	Soil		1.12	18.69	11.90	82.8	194	26.5	5.7	217	1.88	8.7	0.6	3.5	3.1	19.1	0.21	0.99	0.22	42	0.20	0.083
L859072	Soil		0.34	3.95	4.86	13.4	100	2.6	0.5	22	0.30	1.4	0.3	5.3	<0.1	8.8	0.41	0.14	0.15	13	0.09	0.019
L859073	Soil		1.37	11.04	11.07	47.4	150	11.7	2.9	139	1.40	6.9	0.4	0.6	2.0	10.5	0.33	0.66	0.18	40	0.11	0.030
L859075	Soil		2.21	25.42	18.13	102.7	252	46.5	11.7	396	3.25	12.4	0.7	4.1	3.6	14.2	0.27	1.30	0.23	58	0.14	0.063
L859076	Soil		1.31	12.74	13.50	79.7	179	26.0	7.0	407	1.65	6.6	0.7	1.8	1.1	33.0	0.14	0.65	0.19	36	0.34	0.046
L859077	Soil		1.50	26.20	10.74	65.5	284	26.8	5.8	168	1.99	10.6	3.1	5.9	2.1	68.6	0.25	1.53	0.43	27	0.86	0.044
L859078	Soil		1.90	49.19	13.51	104.0	413	36.9	10.1	504	1.99	14.4	0.9	7.6	3.4	75.1	0.76	2.28	0.26	26	1.78	0.106
L859079	Soil		18.47	57.50	19.51	63.5	284	7.6	1.0	63	3.59	7.3	0.8	24.5	1.9	72.8	0.12	2.83	0.32	60	0.12	0.079
L859080	Soil		1.36	15.14	15.35	79.7	445	16.6	6.7	267	1.62	6.6	0.3	0.3	1.3	24.4	0.64	0.97	0.15	37	0.32	0.041
L859081	Soil		1.72	11.99	10.21	101.1	119	17.8	4.7	205	1.68	5.7	0.3	2.2	1.1	11.2	0.96	1.16	0.14	40	0.12	0.049
L859082	Soil		1.27	10.26	12.18	97.8	66	15.9	5.5	230	1.66	7.6	0.5	1.9	2.5	16.9	0.29	0.91	0.13	33	0.17	0.101
L859083	Soil		2.26	20.69	12.10	63.4	172	25.0	7.2	199	2.10	14.5	0.5	2.3	3.7	20.6	0.15	1.62	0.16	29	0.22	0.037
L859084	Soil		1.88	25.47	15.60	88.3	356	24.8	7.4	270	2.44	9.4	0.5	1.1	2.1	10.0	0.24	1.29	0.40	33	0.05	0.038
L859085	Soil		2.21	25.10	14.23	83.8	356	24.9	8.3	339	2.46	11.5	0.5	3.0	4.1	16.9	0.22	1.66	0.28	33	0.10	0.045
L859086	Soil		1.45	42.66	14.82	94.8	318	42.6	5.5	443	1.59	5.4	0.9	5.7	1.6	24.8	2.27	0.97	0.25	23	0.27	0.047
L859087	Soil		3.99	22.22	12.24	49.9	979	13.4	3.1	146	2.13	17.1	0.8	10.4	4.0	26.7	0.13	2.04	0.20	45	0.05	0.088
L859088	Soil		2.77	21.33	12.45	66.0	801	13.1	5.3	162	1.44	9.4	0.6	4.9	2.7	25.5	0.49	1.62	0.16	24	0.06	0.079
L859089	Soil		0.85	8.17	5.49	77.7	96	12.8	3.3	146	1.23	4.3	0.4	2.3	1.7	14.0	0.34	0.69	0.10	29	0.17	0.052
L859090	Soil		1.62	26.32	16.47	91.2	59	30.0	8.3	369	2.01	10.5	0.8	2.1	3.1	22.4	0.41	1.41	0.20	41	0.25	0.061
L859091	Soil		1.32	8.21	10.97	68.7	419	13.7	4.0	168	1.87	6.9	0.3	0.7	1.8	8.0	0.36	0.53	0.15	49	0.07	0.034
L859092	Soil		0.85	8.33	9.07	70.1	144	12.0	4.5	272	1.22	4.0	0.3	<0.2	0.7	13.5	0.89	0.46	0.13	28	0.17	0.052
L859093	Soil		1.32	12.42	8.35	63.1	104	16.2	5.0	286	1.42	5.4	0.6	2.2	1.0	17.3	0.74	0.60	0.14	34	0.22	0.036
L859094	Soil		0.82	19.38	10.26	55.0	125	18.5	4.2	163	1.53	5.9	0.7	4.0	2.2	18.2	0.22	0.86	0.12	24	0.18	0.084
L859095	Soil		1.20	9.34	8.13	46.4	61	10.1	2.6	85	0.97	6.0	0.4	1.1	1.0	13.5	0.28	0.92	0.14	25	0.12	0.066
L859097	Soil		0.78	6.29	7.93	58.6	135	11.8	4.1	157	1.29	6.0	0.7	2.3	2.6	32.4	0.14	0.63	0.09	24	0.47	0.096

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Project: PRL-13523-YT
Report Date: June 30, 2013

CERTIFICATE OF ANALYSIS WHI13000045.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
L859063	Soil	10.6	14.6	0.14	131.1	0.012	<1	0.69	0.003	0.05	0.1	1.0	0.09	<0.02	9	<0.1	<0.02	3.1
L859064	Soil	15.8	27.1	0.37	314.7	0.008	<1	1.20	0.003	0.07	0.1	2.2	0.13	<0.02	48	0.9	0.08	3.4
L859065	Soil	15.0	19.5	0.33	235.0	0.006	1	0.79	0.004	0.06	0.2	1.4	0.07	<0.02	36	0.8	0.07	2.1
L859066	Soil	12.4	17.6	0.30	252.6	0.008	2	0.75	0.004	0.05	0.1	1.4	0.07	<0.02	29	0.4	0.05	2.2
L859067	Soil	12.8	18.8	0.35	392.5	0.006	2	1.04	0.003	0.04	0.2	1.8	0.11	<0.02	17	0.3	0.02	2.8
L859071	Soil	17.1	23.4	0.45	402.8	0.009	2	1.19	0.005	0.11	0.2	1.9	0.13	<0.02	18	0.3	0.03	3.5
L859072	Soil	14.5	6.2	0.07	143.7	0.005	<1	0.36	0.003	0.04	0.1	0.2	0.06	<0.02	12	0.1	<0.02	2.0
L859073	Soil	16.0	16.0	0.25	389.7	0.009	<1	0.80	0.003	0.05	0.2	1.2	0.08	<0.02	22	<0.1	0.06	3.1
L859075	Soil	15.0	41.6	0.52	520.1	0.006	3	2.08	0.004	0.11	0.2	3.2	0.22	<0.02	49	0.5	0.05	4.7
L859076	Soil	14.5	28.5	0.44	478.8	0.007	3	1.00	0.006	0.09	0.1	1.5	0.10	<0.02	33	0.3	0.04	3.4
L859077	Soil	15.3	21.1	0.47	363.1	0.008	2	0.89	0.007	0.05	0.2	2.2	0.07	0.03	141	2.3	0.06	2.3
L859078	Soil	17.1	18.7	0.47	501.1	0.013	3	0.70	0.008	0.10	0.2	2.1	0.14	0.03	193	1.0	0.05	2.2
L859079	Soil	30.5	14.1	0.08	248.8	0.003	<1	0.42	0.009	0.19	<0.1	0.5	0.09	0.37	96	4.0	0.35	3.2
L859080	Soil	8.4	17.8	0.30	406.8	0.011	1	1.06	0.015	0.07	0.1	1.5	0.14	<0.02	52	0.4	0.03	3.8
L859081	Soil	13.7	19.7	0.22	199.2	0.012	1	0.74	0.005	0.08	0.2	1.2	0.11	<0.02	27	0.2	<0.02	3.8
L859082	Soil	14.1	16.1	0.32	248.6	0.009	2	0.73	0.002	0.07	0.1	1.1	0.08	<0.02	15	0.2	<0.02	2.5
L859083	Soil	19.4	19.6	0.37	237.6	0.006	1	0.93	0.004	0.08	0.1	1.5	0.11	<0.02	32	0.5	0.04	2.9
L859084	Soil	26.7	22.8	0.45	264.9	0.006	1	1.08	0.002	0.10	<0.1	1.3	0.05	<0.02	27	0.6	0.07	3.5
L859085	Soil	23.7	21.5	0.46	405.5	0.008	1	1.05	0.003	0.12	<0.1	1.7	0.12	<0.02	65	0.8	0.07	3.4
L859086	Soil	14.5	11.9	0.26	401.4	0.005	<1	0.86	0.011	0.09	<0.1	1.2	0.08	0.03	107	2.7	0.06	2.6
L859087	Soil	24.3	17.4	0.28	301.9	0.006	1	0.97	0.002	0.10	<0.1	1.3	0.12	0.06	87	1.5	0.13	3.0
L859088	Soil	23.5	10.6	0.19	223.6	0.007	2	0.48	0.004	0.10	<0.1	0.6	0.08	0.05	32	1.3	0.12	2.4
L859089	Soil	16.9	14.8	0.32	169.3	0.012	2	0.65	0.003	0.08	0.1	1.1	0.09	<0.02	15	0.1	<0.02	2.6
L859090	Soil	20.2	26.5	0.45	435.5	0.011	2	1.14	0.005	0.12	0.2	2.5	0.11	<0.02	65	0.5	0.02	3.3
L859091	Soil	15.3	18.8	0.31	369.8	0.010	<1	1.19	0.004	0.06	0.2	1.4	0.10	<0.02	17	0.3	0.04	4.4
L859092	Soil	14.2	17.2	0.30	263.3	0.010	2	0.70	0.007	0.09	0.1	0.9	0.07	<0.02	24	0.2	<0.02	2.9
L859093	Soil	15.2	25.1	0.36	495.9	0.010	2	0.89	0.004	0.08	0.2	1.4	0.07	<0.02	37	<0.1	<0.02	3.2
L859094	Soil	23.9	20.6	0.37	261.5	0.007	2	0.83	0.002	0.06	<0.1	1.1	0.08	<0.02	54	0.3	0.02	2.5
L859095	Soil	16.4	9.7	0.13	127.1	0.011	1	0.38	0.002	0.06	0.2	0.6	0.06	<0.02	11	0.3	0.02	2.2
L859097	Soil	13.0	16.3	0.34	168.0	0.012	2	0.58	0.004	0.05	0.1	1.2	0.06	<0.02	42	0.2	<0.02	2.0

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Project: PRL-13523-YT
Report Date: June 30, 2013

CERTIFICATE OF ANALYSIS WHI13000045.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
K948181	Soil	0.15	32.33	9.93	96.1	294	23.8	4.2	316	1.15	3.0	0.9	7.0	1.9	199.6	1.43	0.61	0.14	23	14.75	0.079
K948182	Soil	1.27	38.94	22.08	100.3	304	33.5	9.9	581	3.01	8.9	2.1	3.4	10.1	41.9	0.60	1.24	0.17	56	0.61	0.071
K948184	Soil	1.37	23.08	30.09	100.3	475	31.9	8.5	548	2.29	11.3	1.1	3.6	5.0	53.5	0.60	1.25	0.19	53	0.93	0.042
K948186	Soil	0.79	29.56	17.70	44.0	302	10.5	7.0	222	1.83	14.6	0.7	12.7	4.1	79.4	0.10	1.31	0.21	3	0.82	0.050
K948187	Soil	1.82	52.30	16.35	118.6	367	35.7	12.1	1251	2.10	7.1	1.6	5.2	1.0	55.8	0.81	1.05	0.29	40	0.83	0.065
L859058	Soil	1.07	34.19	12.53	91.0	375	38.0	8.6	311	2.01	8.5	0.9	6.0	4.4	28.4	0.46	1.14	0.21	34	0.50	0.084
L859059	Soil	1.81	53.90	32.64	169.9	791	52.6	16.6	1019	3.03	19.9	0.8	6.0	3.5	61.5	1.58	2.37	0.38	44	1.09	0.098

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Project: PRL-13523-YT
Report Date: June 30, 2013

CERTIFICATE OF ANALYSIS WHI13000045.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
K948181	Soil	7.1	17.7	0.49	247.5	0.017	4	0.79	0.013	0.07	0.1	2.0	0.08	0.14	95	1.1	<0.02	2.0
K948182	Soil	26.5	29.1	0.69	469.2	0.096	7	1.49	0.013	0.18	0.2	6.2	0.20	0.02	109	1.0	0.03	5.5
K948184	Soil	18.2	30.6	0.67	319.8	0.031	4	1.75	0.058	0.09	0.2	5.9	0.16	0.02	77	1.2	<0.02	4.9
K948186	Soil	13.5	3.4	0.24	127.5	<0.001	2	0.44	0.003	0.09	<0.1	1.8	0.04	0.04	78	0.5	<0.02	0.7
K948187	Soil	16.1	32.7	0.37	658.2	0.009	2	1.12	0.007	0.06	0.2	2.4	0.12	0.03	70	1.1	0.04	3.7
L859058	Soil	20.4	29.5	0.48	489.0	0.013	4	1.00	0.004	0.08	0.2	3.3	0.09	<0.02	175	0.4	0.04	2.8
L859059	Soil	21.9	30.8	0.58	521.3	0.030	5	1.23	0.027	0.17	0.2	5.0	0.24	0.04	195	1.0	0.08	4.0

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Project: PRL-13523-YT
Report Date: June 30, 2013

QUALITY CONTROL REPORT WHI13000045.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
K948173	Soil	1.62	36.56	10.27	110.2	603	28.3	7.0	339	1.87	9.0	1.0	5.3	2.2	29.7	0.57	1.20	0.18	29	0.46	0.079
REP K948173	QC	1.74	37.76	10.19	111.7	631	29.3	7.3	348	1.87	9.5	1.0	10.2	2.3	29.5	0.69	1.21	0.18	29	0.47	0.080
K948174	Soil	1.19	26.90	11.89	65.4	86	34.7	7.2	223	1.87	8.8	0.5	5.3	3.9	9.8	0.16	1.21	0.16	32	0.09	0.025
REP K948174	QC	1.21	26.58	11.36	65.0	80	33.5	7.5	227	1.91	8.2	0.5	1.1	4.0	9.7	0.18	1.13	0.14	34	0.10	0.024
L859086	Soil	1.45	42.66	14.82	94.8	318	42.6	5.5	443	1.59	5.4	0.9	5.7	1.6	24.8	2.27	0.97	0.25	23	0.27	0.047
REP L859086	QC	1.54	43.75	15.16	100.4	321	42.8	5.5	436	1.59	5.3	0.9	1.6	1.9	24.5	2.32	1.10	0.23	23	0.28	0.045
Reference Materials																					
STD DS11	Standard	14.11	151.9	143.0	342.7	1896	77.3	13.3	1012	3.11	44.3	2.5	90.8	7.4	72.4	2.26	9.28	11.31	48	1.04	0.069
STD DS11	Standard	12.49	142.3	132.6	321.9	1659	77.6	13.0	945	2.89	40.3	2.3	72.3	7.2	62.0	2.23	8.71	11.49	44	0.96	0.064
STD DS11	Standard	12.78	145.7	137.2	335.6	1869	75.4	13.5	993	2.90	42.6	2.4	88.0	7.1	58.4	2.27	8.85	12.13	44	0.96	0.070
STD DS11	Standard	14.56	156.1	144.8	345.1	1910	83.5	14.1	1029	3.15	41.5	2.5	99.6	7.2	63.1	2.25	9.08	12.37	48	1.05	0.069
STD DS9	Standard	12.27	106.2	136.5	318.8	1809	38.9	7.4	584	2.32	26.2	2.8	123.0	6.0	76.2	2.40	6.51	6.52	40	0.71	0.081
STD DS9	Standard	12.85	106.0	127.0	301.4	1776	41.0	7.1	586	2.20	24.3	2.7	108.0	6.3	71.1	2.13	6.03	6.74	37	0.70	0.078
STD DS9	Standard	11.86	109.3	133.6	335.7	1940	39.1	7.7	570	2.19	25.5	2.8	128.8	6.2	62.2	2.49	6.05	7.48	36	0.66	0.090
STD DS9	Standard	13.60	114.5	141.0	326.8	1877	41.4	7.7	605	2.38	25.0	2.9	117.4	6.5	68.3	2.46	5.96	7.47	39	0.73	0.085
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.03	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Project: PRL-13523-YT
Report Date: June 30, 2013

QUALITY CONTROL REPORT WHI13000045.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
K948173	Soil	16.1	20.7	0.39	261.6	0.011	1	0.80	0.004	0.06	0.2	2.5	0.10	<0.02	203	1.1	0.09	2.6
REP K948173	QC	16.0	21.5	0.40	279.4	0.012	1	0.80	0.004	0.06	0.2	2.4	0.10	<0.02	193	1.2	0.05	2.6
K948174	Soil	17.1	30.6	0.40	381.4	0.011	1	1.11	0.002	0.05	0.1	2.0	0.09	<0.02	49	<0.1	0.05	2.9
REP K948174	QC	17.7	31.0	0.42	385.5	0.012	1	1.15	0.002	0.06	0.1	2.1	0.13	<0.02	55	<0.1	0.05	3.0
L859086	Soil	14.5	11.9	0.26	401.4	0.005	<1	0.86	0.011	0.09	<0.1	1.2	0.08	0.03	107	2.7	0.06	2.6
REP L859086	QC	15.2	11.7	0.26	427.8	0.007	4	0.84	0.011	0.11	0.1	1.0	0.09	0.03	108	2.0	0.05	2.8
Reference Materials																		
STD DS11	Standard	17.6	56.5	0.84	350.2	0.091	8	1.12	0.070	0.39	2.9	2.9	4.90	0.28	297	2.1	4.72	4.7
STD DS11	Standard	16.9	54.9	0.78	333.4	0.089	7	1.06	0.064	0.37	3.1	3.0	4.37	0.26	246	1.4	4.35	4.8
STD DS11	Standard	15.7	59.4	0.78	359.3	0.079	7	1.00	0.061	0.37	3.1	2.7	4.61	0.27	262	2.1	4.66	4.4
STD DS11	Standard	17.5	58.7	0.85	371.0	0.090	5	1.13	0.070	0.41	3.1	3.1	4.58	0.29	279	2.6	5.24	5.0
STD DS9	Standard	14.0	112.8	0.61	300.0	0.115	4	0.95	0.086	0.39	2.9	2.3	5.37	0.17	200	5.4	5.07	4.6
STD DS9	Standard	13.9	116.3	0.58	285.1	0.112	2	0.89	0.082	0.38	2.8	2.5	5.26	0.16	195	4.8	5.12	4.5
STD DS9	Standard	11.5	118.9	0.58	304.5	0.098	3	0.85	0.074	0.38	3.2	2.1	5.51	0.16	217	5.3	5.53	4.2
STD DS9	Standard	13.7	118.9	0.62	311.4	0.116	3	0.97	0.094	0.42	3.3	2.4	5.38	0.17	226	6.2	5.47	4.7
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	0.6	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	10	<0.1	<0.02	<0.1

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Submitted By: Mike Power
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: June 25, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000044.1

CLIENT JOB INFORMATION

Project: PRL-13523-YT
Shipment ID: RC-2013-01
P.O. Number
Number of Samples: 11

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	11	Dry at 60C			WHI
SS80	11	Dry at 60C sieve 100g to -80 mesh			WHI
1F03	10	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Mike Wark

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: PRL-13523-YT
Report Date: June 25, 2013

CERTIFICATE OF ANALYSIS WHI13000044.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
K948151	Sediment	0.85	18.87	11.09	109.3	194	26.9	6.7	1216	1.82	18.1	1.1	7.3	3.2	50.2	0.48	1.02	0.13	27	0.67	0.118
K948155	Sediment	0.49	12.86	7.81	85.1	133	22.0	6.4	504	1.50	15.0	0.8	6.0	2.9	35.3	0.41	0.92	0.09	21	0.43	0.089
K948156	Sediment	4.40	14.66	9.99	72.4	144	19.2	7.0	3966	12.94	730.9	0.9	3.8	2.2	162.6	0.45	0.69	0.10	14	1.76	0.104
K948157	Sediment	0.92	19.20	9.83	99.5	191	30.1	8.6	1819	2.07	25.8	1.1	4.3	3.4	50.8	0.62	0.78	0.13	27	0.68	0.096
K948172	Sediment	0.78	14.83	5.05	69.5	161	15.7	4.2	197	1.01	4.7	1.1	3.6	2.9	42.8	0.35	0.90	0.06	18	0.45	0.098
L859053	Sediment	0.38	9.99	5.25	71.9	106	15.4	4.0	569	0.92	3.6	1.2	3.7	2.3	46.9	0.57	0.46	0.06	22	0.58	0.104
L859054	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L859057	Sediment	2.42	17.42	30.42	155.0	172	34.5	11.0	2143	1.96	9.0	1.6	3.4	3.1	44.0	0.75	2.14	0.14	32	0.60	0.112
L859060	Sediment	0.66	24.76	11.13	96.6	241	25.1	6.4	126	1.39	6.4	1.0	3.2	2.8	46.3	0.59	1.11	0.13	26	0.58	0.108
L859096	Sediment	0.66	10.55	8.27	73.6	106	16.8	4.8	390	1.11	4.8	1.2	2.2	2.8	41.4	0.42	0.76	0.14	21	0.52	0.119
K948185	Sediment	0.77	24.95	8.94	75.8	319	23.9	5.2	468	1.38	5.3	1.7	2.2	0.9	145.0	1.09	0.91	0.14	21	4.34	0.062

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: PRL-13523-YT
Report Date: June 25, 2013

CERTIFICATE OF ANALYSIS WHI13000044.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
K948151	Sediment	13.9	20.4	0.44	373.2	0.013	<1	0.73	0.006	0.09	0.1	1.9	0.09	0.05	96	1.0	0.06	1.9
K948155	Sediment	11.0	18.6	0.39	215.3	0.010	1	0.68	0.004	0.06	<0.1	1.5	0.07	0.06	77	0.5	0.06	1.8
K948156	Sediment	7.4	13.1	0.30	540.7	0.008	2	0.44	0.006	0.06	0.1	1.5	0.06	0.08	75	1.4	0.04	1.3
K948157	Sediment	14.2	22.1	0.46	377.5	0.014	3	0.84	0.007	0.09	0.1	2.2	0.09	0.07	108	1.6	0.06	2.1
K948172	Sediment	12.9	10.3	0.24	214.9	0.012	<1	0.44	0.006	0.05	0.1	1.0	0.06	0.03	99	0.7	<0.02	1.4
L859053	Sediment	10.8	15.9	0.31	296.2	0.011	1	0.56	0.005	0.06	<0.1	1.3	0.06	0.04	61	0.4	0.06	1.8
L859054	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L859057	Sediment	12.6	28.6	0.48	473.6	0.018	2	0.84	0.007	0.12	0.2	1.7	0.09	0.05	46	0.7	0.09	2.4
L859060	Sediment	13.0	19.7	0.39	304.1	0.011	2	0.73	0.006	0.08	0.1	2.0	0.08	0.05	132	0.9	0.03	2.1
L859096	Sediment	12.2	13.7	0.28	235.3	0.011	<1	0.50	0.004	0.05	0.2	1.2	0.06	0.02	81	0.4	<0.02	1.6
K948185	Sediment	7.6	13.3	0.43	274.8	0.010	7	0.69	0.020	0.08	<0.1	1.4	0.08	0.11	89	2.1	0.04	1.8

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: PRL-13523-YT
Report Date: June 25, 2013

QUALITY CONTROL REPORT WHI13000044.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	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	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Reference Materials																					
STD DS11	Standard	13.83	138.0	134.7	281.4	1578	71.9	12.9	923	2.77	36.5	2.6	71.4	7.6	64.9	2.08	8.78	11.27	42	0.94	0.061
STD DS9	Standard	12.38	110.3	141.2	292.0	1662	40.6	7.7	536	2.15	24.4	3.0	116.5	6.6	72.6	2.29	6.42	7.32	35	0.66	0.074
STD DS9 Expected		12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank	<0.01	<0.01	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: PRL-13523-YT
Report Date: June 25, 2013

QUALITY CONTROL REPORT WHI13000044.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Reference Materials																		
STD DS11	Standard	17.0	54.2	0.75	345.2	0.086	5	1.04	0.062	0.36	2.9	2.7	4.02	0.24	229	1.8	3.99	4.4
STD DS9	Standard	12.9	110.6	0.57	297.6	0.109	1	0.89	0.080	0.38	3.1	2.1	5.02	0.15	212	4.3	5.04	4.3
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Submitted By: Mike Power
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: June 27, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000043.1

CLIENT JOB INFORMATION

Project: PRL-13523-YT
Shipment ID: RC-2013-01
P.O. Number
Number of Samples: 5

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	5	Crush, split and pulverize 250 g rock to 200 mesh			WHI
G601	5	Fire Assay Fusion Au - AAS Finish	30	Completed	VAN
1DX1	5	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 Wark

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: PRL-13523-YT
Report Date: June 27, 2013

CERTIFICATE OF ANALYSIS WHI13000043.1

Method		WGHT	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
K948153	Rock	0.92	<0.005	0.3	154.1	7.2	54	<0.1	12.8	4.8	1437	4.66	2.8	3.6	3.0	30	0.4	2.0	0.2	14	0.03
L859068	Rock	1.06	<0.005	0.2	9.0	6.1	21	<0.1	7.0	3.3	46	0.43	5.7	1.4	10.7	240	0.2	0.8	0.1	9	3.02
L859069	Rock	0.83	<0.005	1.0	22.0	5.2	8	<0.1	7.8	3.5	645	0.52	3.0	<0.5	0.5	13	<0.1	0.2	<0.1	<2	0.11
L859070	Rock	0.32	<0.005	1.0	18.2	8.5	41	<0.1	25.6	13.4	130	2.57	6.6	<0.5	11.2	198	<0.1	0.2	0.2	47	3.06
L859074	Rock	0.60	<0.005	1.5	105.6	9.9	120	0.2	42.4	13.0	285	3.26	3.1	<0.5	12.2	62	0.5	0.2	0.6	31	0.71

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: PRL-13523-YT
Report Date: June 27, 2013

CERTIFICATE OF ANALYSIS WHI13000043.1

		Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
K948153	Rock		0.027	10	7	0.03	184	0.002	<20	0.34	0.001	0.17	<0.1	0.51	1.3	0.2	1.32	2	5.9	<0.2
L859068	Rock		0.047	20	13	0.07	115	0.112	<20	4.28	0.674	0.11	0.4	<0.01	1.5	<0.1	0.06	12	<0.5	<0.2
L859069	Rock		0.002	2	2	0.07	80	0.002	<20	0.11	0.003	0.08	<0.1	0.07	0.5	<0.1	0.09	<1	<0.5	<0.2
L859070	Rock		0.073	14	63	1.25	166	0.183	<20	5.65	0.797	0.92	0.2	0.02	6.9	0.3	0.51	15	1.4	<0.2
L859074	Rock		0.020	10	35	0.64	99	0.074	<20	1.90	0.170	0.44	0.2	<0.01	3.0	0.3	1.19	5	0.7	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: PRL-13523-YT
Report Date: June 27, 2013

QUALITY CONTROL REPORT WHI13000043.1

	Method	WGHT	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
K948153	Rock	0.92	<0.005	0.3	154.1	7.2	54	<0.1	12.8	4.8	1437	4.66	2.8	3.6	3.0	30	0.4	2.0	0.2	14	0.03
REP K948153	QC			0.4	155.4	7.2	50	0.1	12.5	5.0	1484	4.72	2.7	1.5	3.0	29	0.5	1.9	0.2	14	0.03
L859074	Rock	0.60	<0.005	1.5	105.6	9.9	120	0.2	42.4	13.0	285	3.26	3.1	<0.5	12.2	62	0.5	0.2	0.6	31	0.71
REP L859074	QC		0.006																		
Reference Materials																					
STD DS9	Standard			12.6	118.6	130.0	317	1.7	40.8	7.9	616	2.52	25.7	107.3	6.7	75	2.5	4.9	5.9	43	0.76
STD OREAS45EA	Standard			1.4	682.4	16.0	30	0.3	380.1	52.9	406	24.04	9.2	52.7	11.9	4	<0.1	0.2	0.3	298	0.04
STD OXC109	Standard		0.214																		
STD OXL93	Standard		5.828																		
STD SG56	Standard		1.013																		
STD SG56 Expected			1.027																		
STD OXC109 Expected			0.201																		
STD OXL93 Expected			5.841																		
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OREAS45EA Expected				1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	53	10.7	4.05	0.03	0.64	0.26	295	0.032
BLK	Blank		0.006																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1-WHI	Prep Blank		<0.005	<0.1	2.3	3.8	48	<0.1	3.6	4.3	588	2.07	<0.5	1.2	4.8	69	<0.1	<0.1	<0.1	38	0.48

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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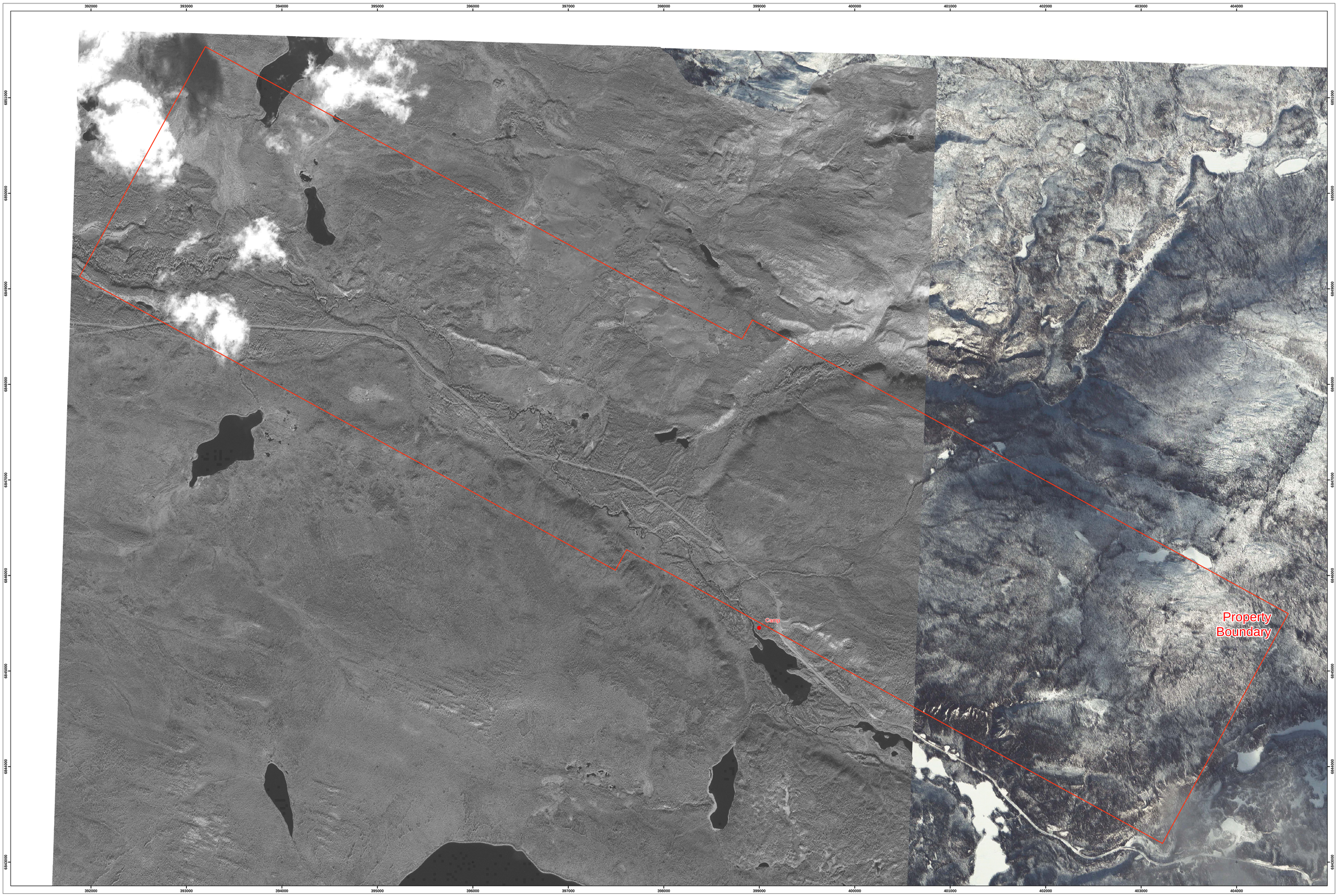
Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: PRL-13523-YT
Report Date: June 27, 2013

QUALITY CONTROL REPORT WHI13000043.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
K948153	Rock	0.027	10	7	0.03	184	0.002	<20	0.34	0.001	0.17	<0.1	0.51	1.3	0.2	1.32	2	5.9	<0.2
REP K948153	QC	0.026	9	7	0.03	123	0.001	<20	0.34	<0.001	0.17	<0.1	0.49	1.4	0.2	1.31	2	6.1	<0.2
L859074	Rock	0.020	10	35	0.64	99	0.074	<20	1.90	0.170	0.44	0.2	<0.01	3.0	0.3	1.19	5	0.7	<0.2
REP L859074	QC																		
Reference Materials																			
STD DS9	Standard	0.090	14	122	0.66	329	0.112	<20	1.01	0.093	0.43	2.8	0.20	2.7	5.1	0.18	5	5.3	5.0
STD OREAS45EA	Standard	0.029	7	772	0.11	153	0.086	<20	3.22	0.020	0.05	<0.1	<0.01	83.6	<0.1	<0.05	12	0.9	<0.2
STD OXC109	Standard																		
STD OXL93	Standard																		
STD SG56	Standard																		
STD SG56 Expected																			
STD OXC109 Expected																			
STD OXL93 Expected																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
STD OREAS45EA Expected		0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.34	78	0.072	0.044	11.7	2.09	0.11
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1-WHI	Prep Blank	0.082	10	7	0.62	237	0.128	<20	1.01	0.084	0.52	<0.1	<0.01	2.3	0.3	<0.05	5	0.6	<0.2



Legend

Claims

0 0.25 0.5 1 1.5 2

Kilometres

RISBY CREEK PROPERTY
2013 Prospecting & Mapping Program
Figure 4. Satellite Orthophoto

AU

PANARC RESOURCES

NTS: 105G 10,11,14,15
Datum: NAD83
Job: PRL-12523-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 01 Jun 2013