

2011 Technical Assessment Report for the Caribou Property

Omineca Mining Division

Event #:

**BC Geological Survey
Assessment Report
33352**

**BCGS Map Sheet: 093L.072
NTS Map Sheet: 093L/12E
Centred at: 54° 42' N and 127° 45' W**

Tenure #s: 895875, 895898, 895903

**Owned by:
Samuel Anthony Kyler Hardy
Box 3992, Smithers, BC V0J 2N0**

For

**UTM Exploration Services Ltd.
PO Box 5037, Smithers, BC V0J 2N0**

**Report Prepared by:
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And
Richard Beck
UTM Exploration Services Ltd.,
Box 5037, Smithers, BC V0J 2N2**

June 1, 2012

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1.0 Summary

Between August 6th and August 15th, 2011, a geochemical soil sampling survey was conducted on the Caribou Property. The Property is located approximately 50 km west of Smithers, B.C. in the Omineca Mining Division (Figure 1).

A 120-sample soil grid was designed to follow up historical work in the area and to find any additional continuity to the existing minfile showing. During the course of the soil sampling program, 17 rock samples were taken as representative samples of the gridded area. The program was carried out for UTM Exploration Services Ltd, a private company of Smithers, B.C. under the direction of Mr. Richard Beck and Ms. Anastasia Ledwon, P.Geo. The Caribou Property is comprised of three contiguous mineral tenures covering 1214.35 hectares of land within NTS map sheet 093L/12E.

Bedrock on the property consists of various Hazaelton group andesites, rhyolites, breccias, tuffs and localized gossanous corridors. Regional geological mapping indicates Late Cretaceous granitic and feldspar porphyries to the immediate south (<1km), thus suggesting that perhaps the Caribou Property volcanics are underlain by these same intrusives to some extent.

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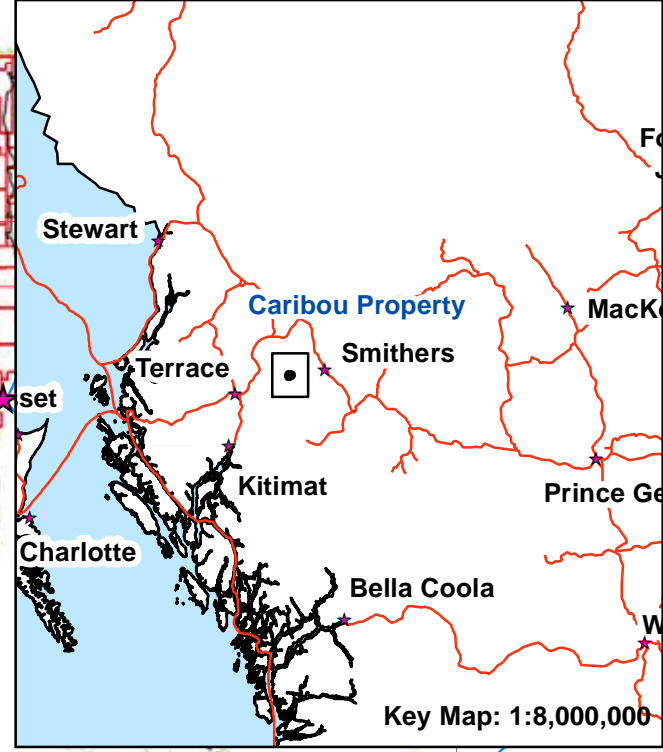
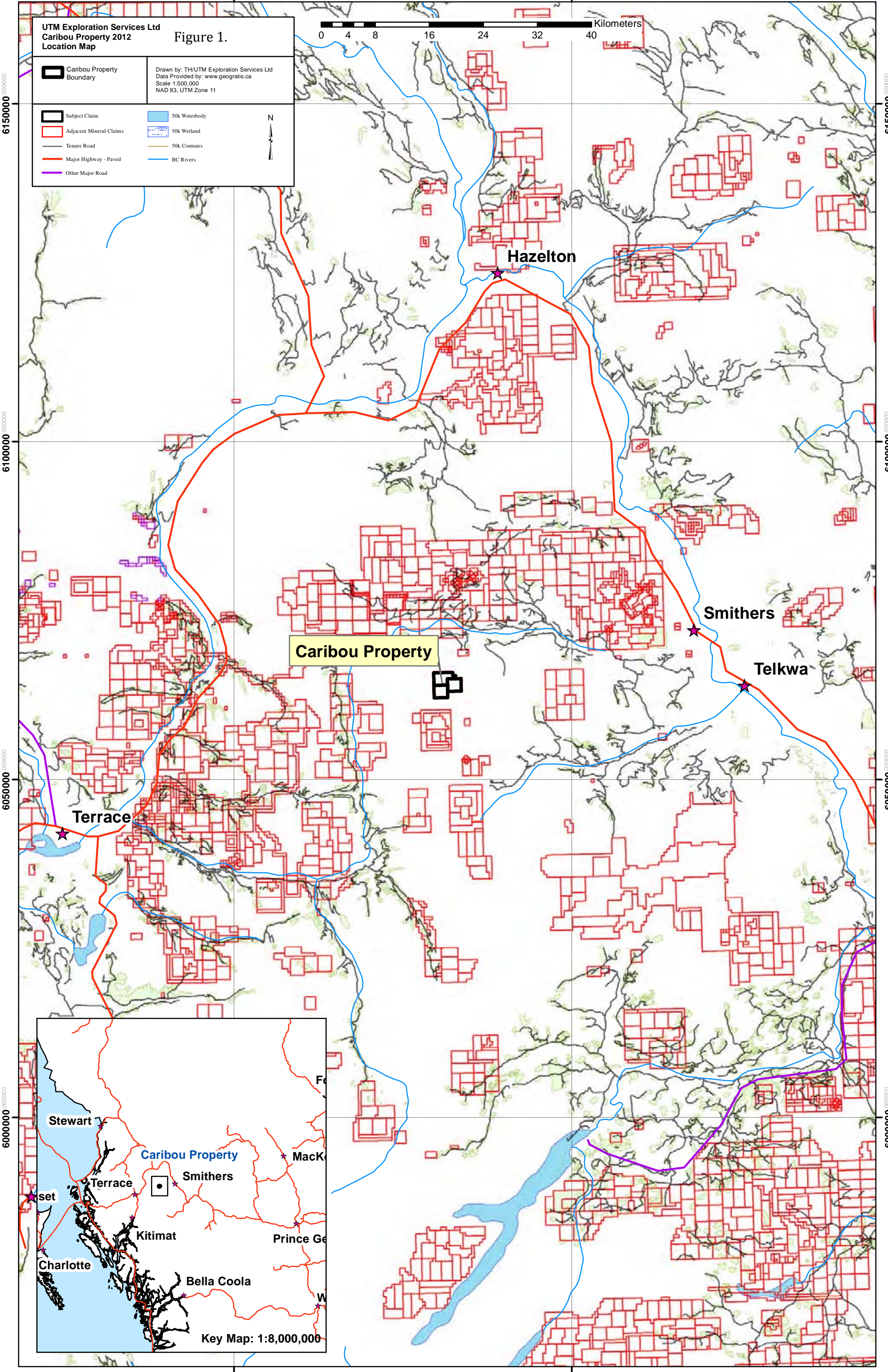
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UTM Exploration Services Ltd
Caribou Property 2012
Location Map

Figure 1.

Drawn by: TH/UTM Exploration Services Ltd
 Data Provided by: www.geogratis.ca
 Scale 1:500,000
 NAD 83, UTM Zone 11

| | |
|--|---------------------------|
| | Caribou Property Boundary |
| | Subject Claim |
| | Adjacent Mineral Claims |
| | Tenure Road |
| | Major Highway - Paved |
| | Other Major Road |
| | 50k Waterbody |
| | 50k Wetland |
| | 50k Contours |
| | BC Rivers |



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2.0 Introduction and Terms of Reference

The Caribou property is a group of 3 mineral claims held by Samuel Anthony Kyler Hardy for UTM Exploration Services Ltd. The property is located on Caribou Mountain, 48 km's west of Smithers, British Columbia.

During the 2011 field season a reconnaissance geochemical soil survey was conducted by UTM personnel over the 895875 claim block. The survey consisted of 120 soil samples and 17 rock samples. A two woman crew was employed from August 6th to August 15th 2011.

3.0 Property Description and Location

3.1 Accessibility and Infrastructure

The Caribou property is located on the south slope of Caribou Mountain approximately 1.6 km's north of Serb Creek. Caribou Mountain lies 48 km's west of Smithers and about 10 km's southwest of McDonnell Lake. The central coordinates are UTM zone 9 6063961N and 581613E.

Access from Smithers is by 48 kms of gravel and dirt road as far as the Zymoetz River Bridge, 10 km's northeast of the property. Access to the property is by 4x4 quad from this point along a well cut access trail that crosses over Caribou Mountain. Access to the higher reaches of the claim property would be via helicopter from this bridge.

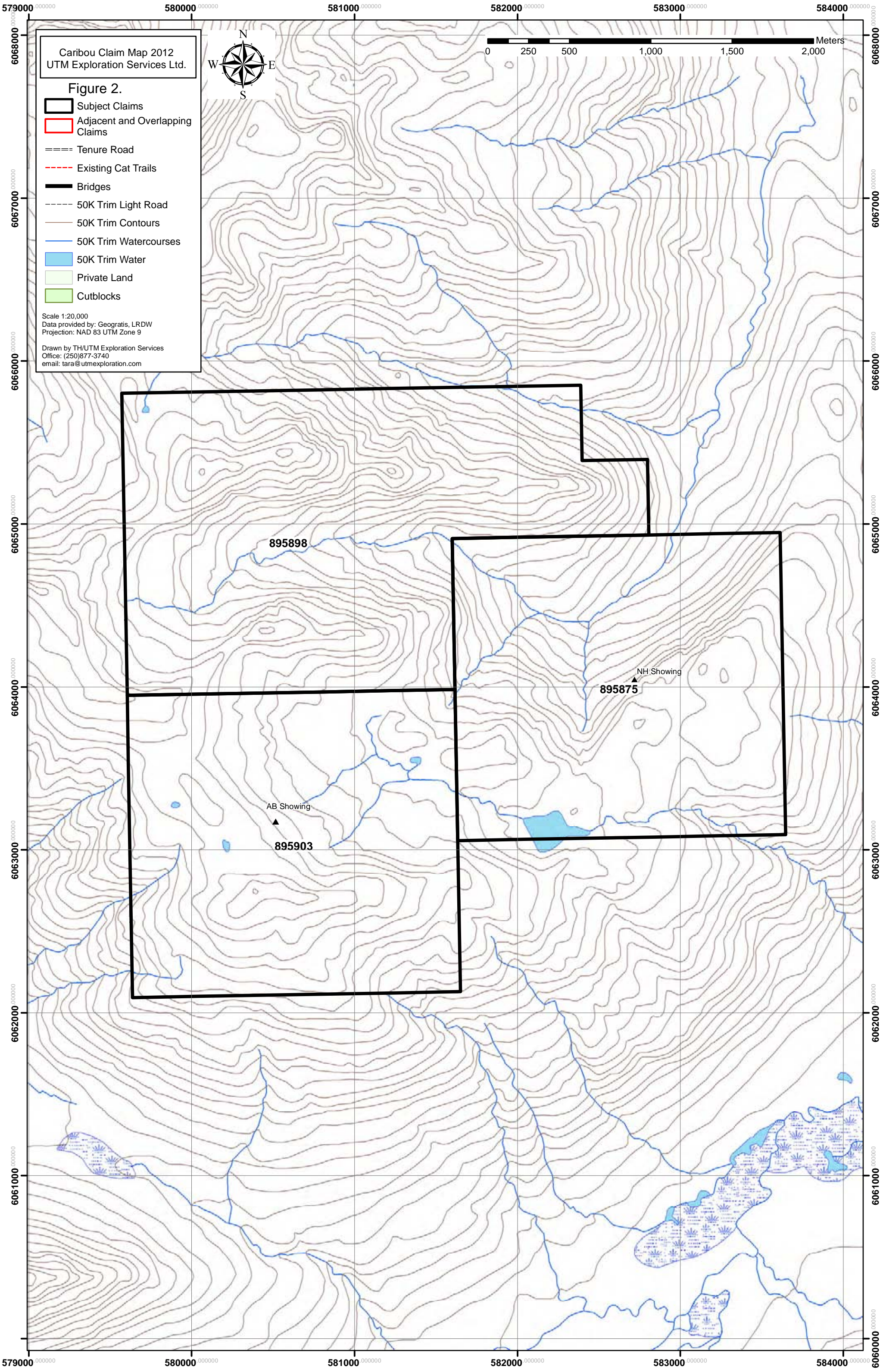
3.2 Mineral Tenure Information

The property is held under the name Samuel Anthony Kyler Hardy and owned by UTM Exploration Services Ltd of Smithers, B.C. and consists of three (3) mineral tenures, noted in Table 1 and Figure 2.

Table 1. Mineral Tenure Information.

| Tenure Number | Type | Claim Name | Good Until | Area (ha) |
|---------------|---------|------------|------------|-----------|
| 895875 | Mineral | Caribou | 20120902 | 373.6527 |
| 895898 | Mineral | Caribou2 | 20120902 | 466.9633 |
| 895903 | Mineral | Caribou3 | 20120902 | 373.7298 |

1214.3458 ha

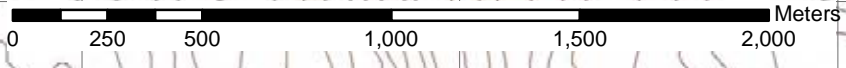


Caribou Claim Map 2012
UTM Exploration Services Ltd.

Figure 2.

- Subject Claims
- Adjacent and Overlapping Claims
- Tenure Road
- Existing Cat Trails
- Bridges
- 50K Trim Light Road
- 50K Trim Contours
- 50K Trim Watercourses
- 50K Trim Water
- Private Land
- Cutblocks

Scale 1:20,000
Data provided by: Geogratix, LRDW
Projection: NAD 83 UTM Zone 9
Drawn by TH/UTM Exploration Services
Office: (250)877-3740
email: tara@utmexploration.com



3.3 Physiography and Climate

Topographic relief over the claims is moderate with cliffs lying to the north, southwest and southeast. Elevation varies from valley level at 1100m to the highest peak at approximately 1900m.

Alpine meadow, scattered stand of mountain spruce and rock slopes underlie the claims. Small intermittent streams flow from snow and patches of glacial ice higher on the mountain. As the property lies at 1900m of elevation at its highest point, the weather and temperature are typical of the alpine regions of central B.C. Snow can be expected from late August to early June, while summer months experience moderate rainfall. Some ground is permanently snow covered during the colder summers.

4.0 History

The Caribou Mountain Property (Caribou claims) were examined in 1967 and 1968 by Dome Babine Mines Ltd and Manex Mining. Trenching and diamond drilling, as well as geological, geochemical and geophysical surveys were conducted. This work was later followed up in the fall of 1972 with a diamond drilling program by Grandora Explorations Ltd which was terminated after only 1400 feet of a proposed 2000 foot program due to early winter conditions. The results were inconclusive though several short copper mineralized sections were intersected.

Copper mineralization occurs over approximately 60 meters along two parallel fault zones. (Figure 3).

According to the Grandora Exploration assessment, AR #4671, the main zone consists of fracture fillings and veinlets of chalcocite and bornite over a 0.3m wide zone which is exposed for 6 meters. The veining and mineralization becomes discontinuous to the NW in an overlying red-purple, flaggy weathered tuff. However, preferential replacement and open space filling of a chloritized greenish andesite occurs where it is cut by the fracturing. The mineralized unit is 1.5 meters wide and exposed along strike for approximately 9 meters. A grab sample of this unit assayed 1.76% Cu and 4.95 oz/tonne Ag. A chip sample across the veined fracture zone assayed 0.87% Cu and 1.08 oz/tonne Ag.

Along strike, 20 meters to the southwest, malachite is common along tight fractures in the same volcanic unit described above.

Chalcocite veins occur in the rocks along a small talus slope of the same volcanic unit 30 meters further southeast. A grab sample, in 1972, of the mineralization assayed 5.05% Cu and 10.94 oz/tonne Ag.

A fourth occurrence (D in Figure 3) consists of narrow chalcopyrite and chalcocite veins associated with a 0.6m wide fault zone striking 360° and dipping steeply 80° east. Chlorite, epidote and calcite stringers are common. A selected grab sample taken from the narrow sulfide veins assayed 1.76% Cu and 4.95 oz/tonne Ag. The veining was traced for approximately 25 meters.

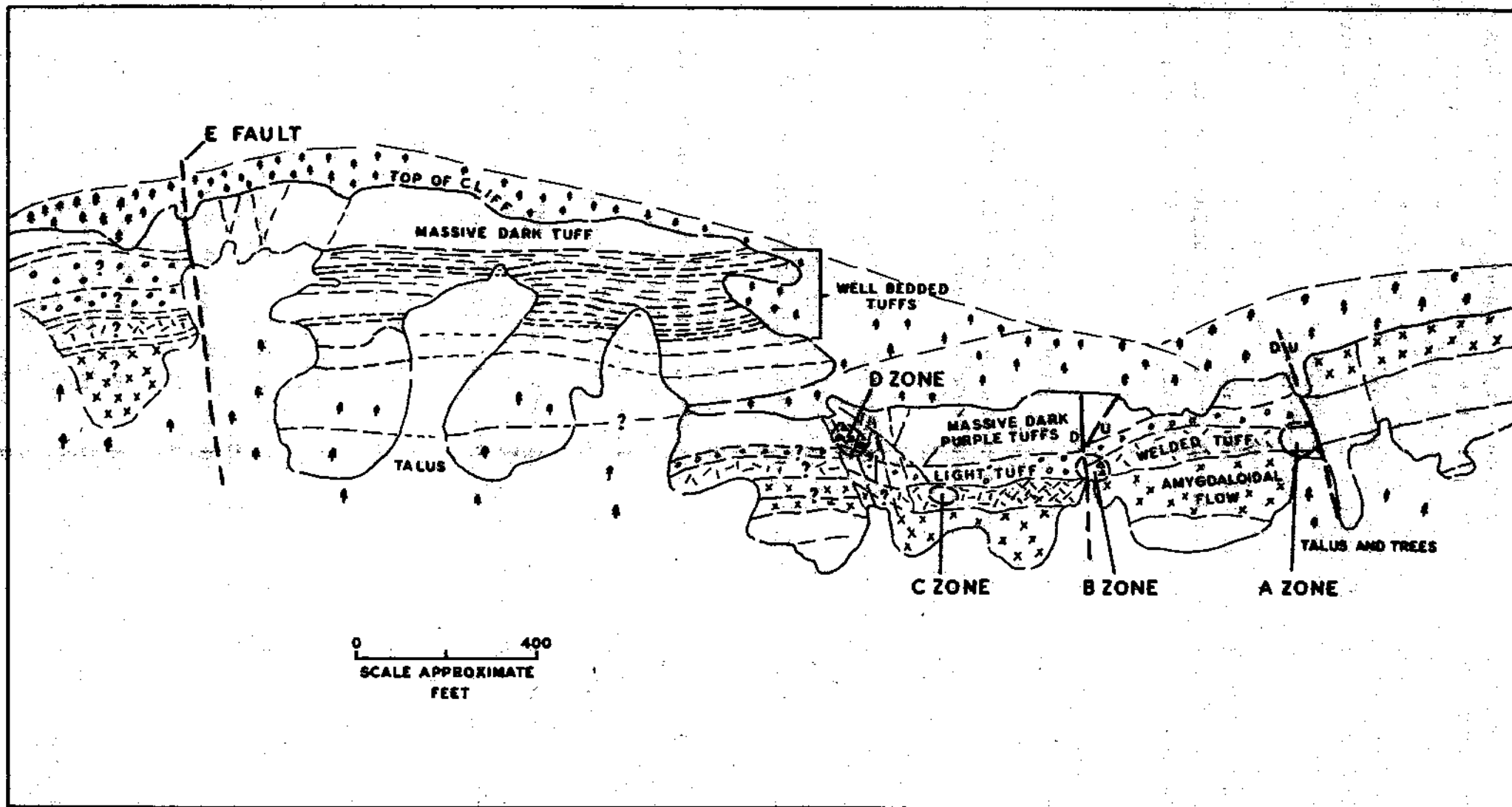


Figure 3. 1968 Geologic Cross-Section Sketch (looking SE) by Dome Babine Mines Ltd.

5.0 Geological Setting

5.1 Regional Setting

Caribou Mountain is underlain by a thick sequence of middle Jurassic Hazelton Group Feldspar Porphyries (volcanic flows) usually dark green in colour and in part amygdaloidal in the upper part of several flows. These are interbedded with dark grey to red andesites, with purple to light coloured tuffs, breccias and pyroclastics.

Intermediate granitic intrusives occur a few kilometres to the south, however, them or their derivatives are known to cut the Hazelton rocks of Caribou Mountain.

5.2 Local Geology

Purple to black tuffs and andesites, and light coloured tuffs underlie the claims. These volcanic units are 1.5 to 12 meters thick and weather both blocky and flaggy. They strike quite consistently at 355° - 360° and dip 15° to 25° east. Alteration and fracturing is found only along a few northerly striking, vertically dipping narrow fault zones and are considered minor occurrences.

6.0 Sampling Program

6.1 Methodology and Procedure

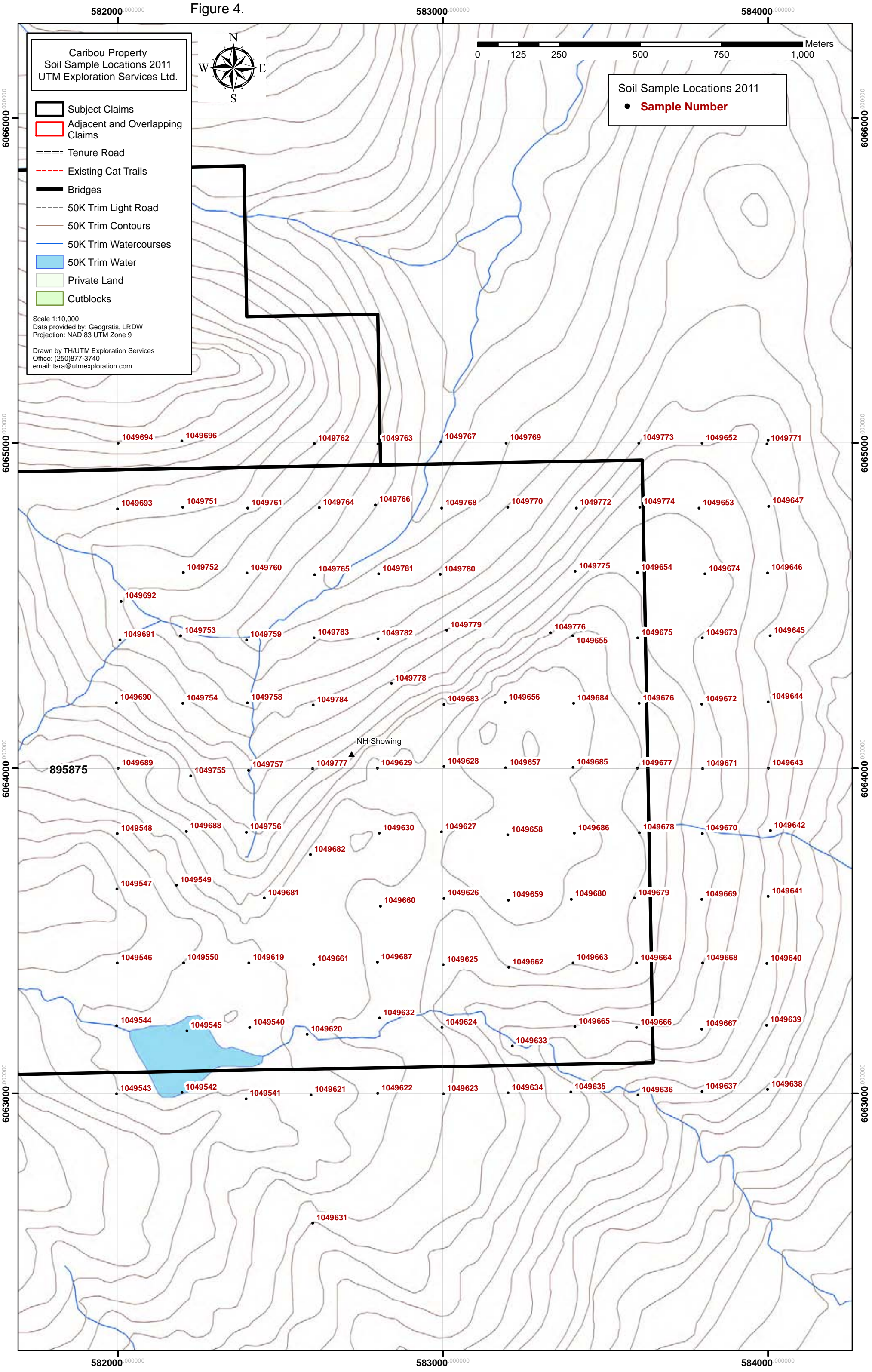
6.1.1 Soils

Between August 6th and August 15th, 2011, a two-woman crew collected 120 B-Horizon soil samples. Samples were taken in claim number 895875 at 200m intervals on lines spaced 200m apart and were taken with a manual soil auger from depths of 15cm to 50cm. All soil samples taken are found in Appendix III as well as on Figure 4.

The location of all samples was recorded as well as horizon taken from, soil composition, soil colour and visual comments. Location was determined using Garmin CSx handheld GPS unit. Samples were collected in kraft paper bags and uniquely labeled by the last four numbers of the UTM coordinates in NAD83 (see Appendix III). 120 soil samples were sent to AGAT labs as part of this program.

All samples were transported directly to the laboratory by UTM personnel. All soil samples were prepped at the Terrace, B.C. AGAT facility and then the pulps were transported to the Mississauga, Ontario laboratory for full analysis. Soils were analyzed using an ICP/ICP-MS method with all gold values reported in PPB while all other elements were recorded in Parts Per Million (PPM) or percentage. A complete description of the AGAT analytical techniques is presented in Appendix I and the certificate of analysis are attached as Appendix III. AGAT labs is an ISO-9000 certified laboratory.

Figure 4.



Caribou Property
Soil Sample Locations 2011
UTM Exploration Services Ltd.

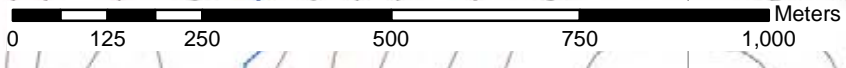
- Subject Claims
- Adjacent and Overlapping Claims
- Tenure Road
- Existing Cat Trails
- Bridges
- 50K Trim Light Road
- 50K Trim Contours
- 50K Trim Watercourses
- 50K Trim Water
- Private Land
- Cutblocks

Scale 1:10,000
Data provided by: Geogratix, LRDW
Projection: NAD 83 UTM Zone 9

Drawn by TH/UTM Exploration Services
Office: (250)877-3740
email: tara@utmexploration.com

Soil Sample Locations 2011

- Sample Number



895875

NH Showing

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583000 000000

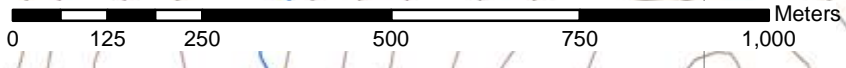
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Caribou Property
Soil Sample Locations 2011
UTM Exploration Services Ltd.

- Subject Claims
- Adjacent and Overlapping Claims
- Tenure Road
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- 50K Trim Light Road
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Scale 1:10,000
Data provided by: Geogratix, LRDW
Projection: NAD 83 UTM Zone 9

Drawn by TH/UTM Exploration Services
Office: (250)877-3740
email: tara@utmexploration.com



Soil Sample Locations 2011

- Ag ppm
- Ag ppb
- Cu ppm
- Mo ppm

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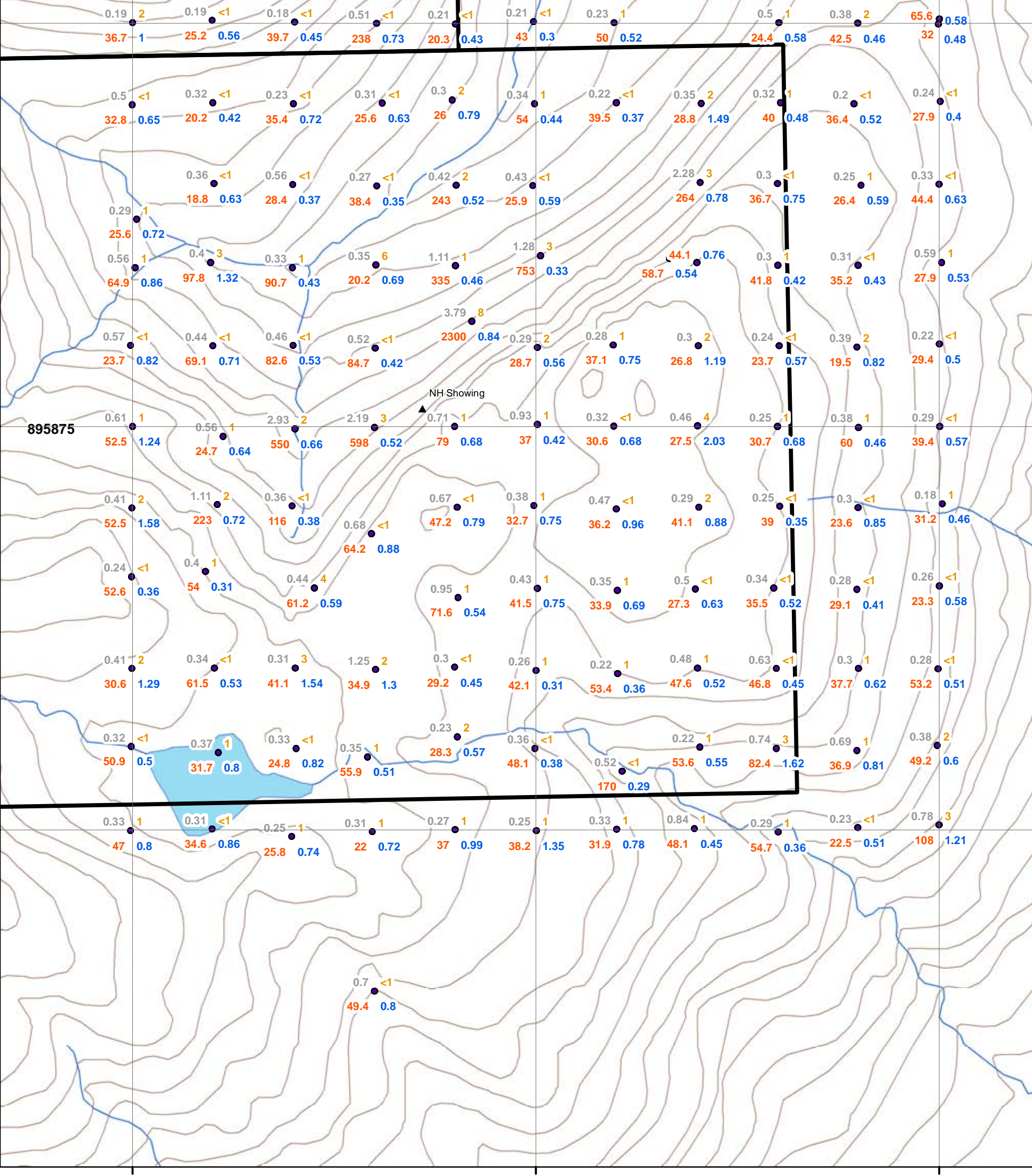
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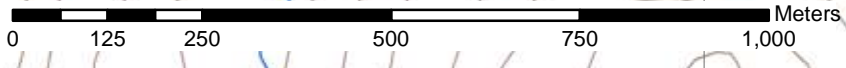
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Caribou Property
Soil Sample Locations 2011
UTM Exploration Services Ltd.

- Subject Claims
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- Tenure Road
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Scale 1:10,000
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Drawn by TH/UTM Exploration Services
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Soil Sample Locations 2011

- Sb ppm
- As ppm
- W ppm
- Zn ppm

6066000 000000

6066000 000000

6065000 000000

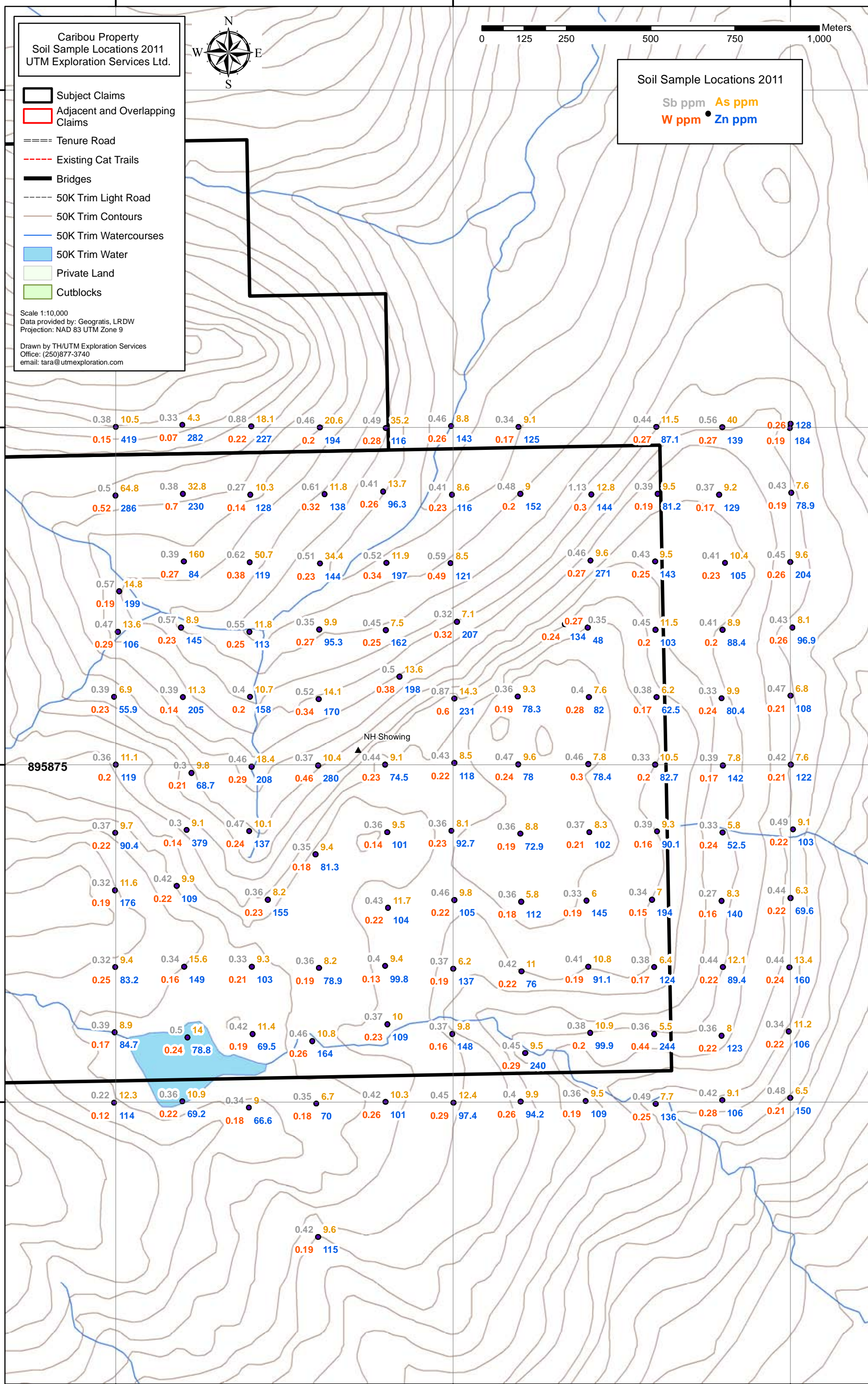
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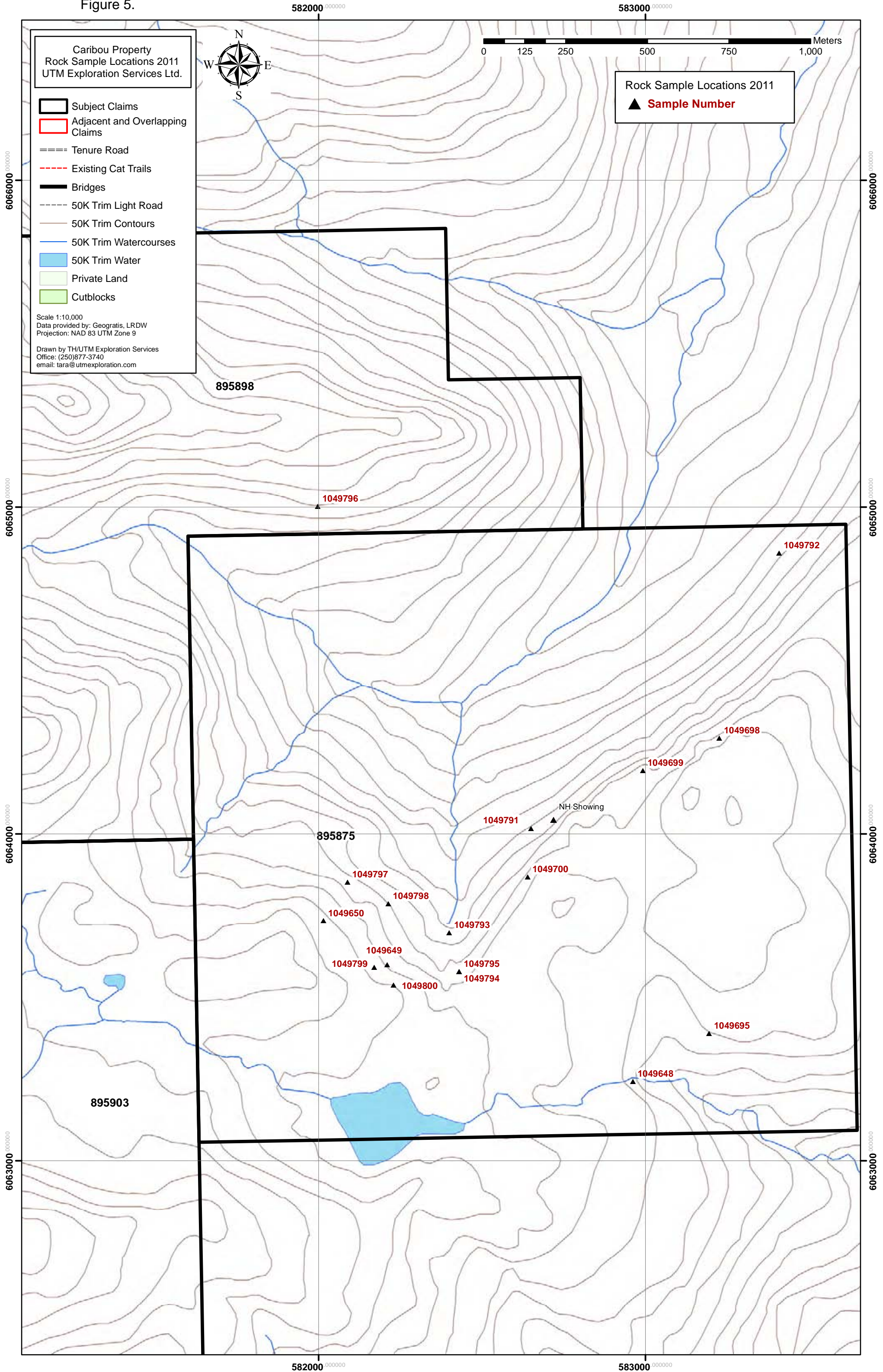
6.1.2 Rocks

During the August 2011 soil sampling program on the Caribou property the crew collected a total of 17 rock samples while traversing the soil grid. All rock samples are found in Appendix IV as well as Figure 5.

The location of all rock samples was recorded as well as descriptive comments. Location was determined using Garmin CSx handheld GPS unit. Samples were collected in 12x20 poly bags and labeled using the sample tag number assigned to the sample. A sample tag matching the written number on the outside of the bag was placed in the sample bag and tied off using a tie strap.

All samples were transported directly to the laboratory by UTM personnel. All rock samples were prepped at the Terrace, B.C. AGAT facility and then the pulps were transported to the Mississauga, Ontario laboratory for full analysis. Rock samples were analyzed using an ICP/ICP-MS method as well as fire assay ICP-OES finish with all gold values reported in PPB while all other elements were recorded in Parts Per Million or percentage. A complete description of the AGAT analytical techniques is presented in Appendix II and the certificate of analysis are attached as Appendix I. AGAT labs is an ISO-9000 certified laboratory.

Figure 5.



6.2 Sample Preparation, Analyses, and Security

Samples were prepped at AGAT labs in Terrace, B.C. and assayed at AGAT labs in Mississauga, ONT using an ICP-ICP-MS for all soils and a fire assay ICP-OES finish. A complete description of AGAT analytical techniques and assay procedures is presented in Appendix II and the certificate of analysis are attached as Appendix I. AGAT Labs is an ISO-9000 certified laboratory.

6.3 Data Verification

No standards and/or blanks were included in the stream of this program. Follow up exploration is recommended to include standards, blanks, duplicates and specific gravity analysis.

6.4 Results

All assay results may be found in Appendix I.

7.0 Interpretation and Conclusions

7.1 Soils

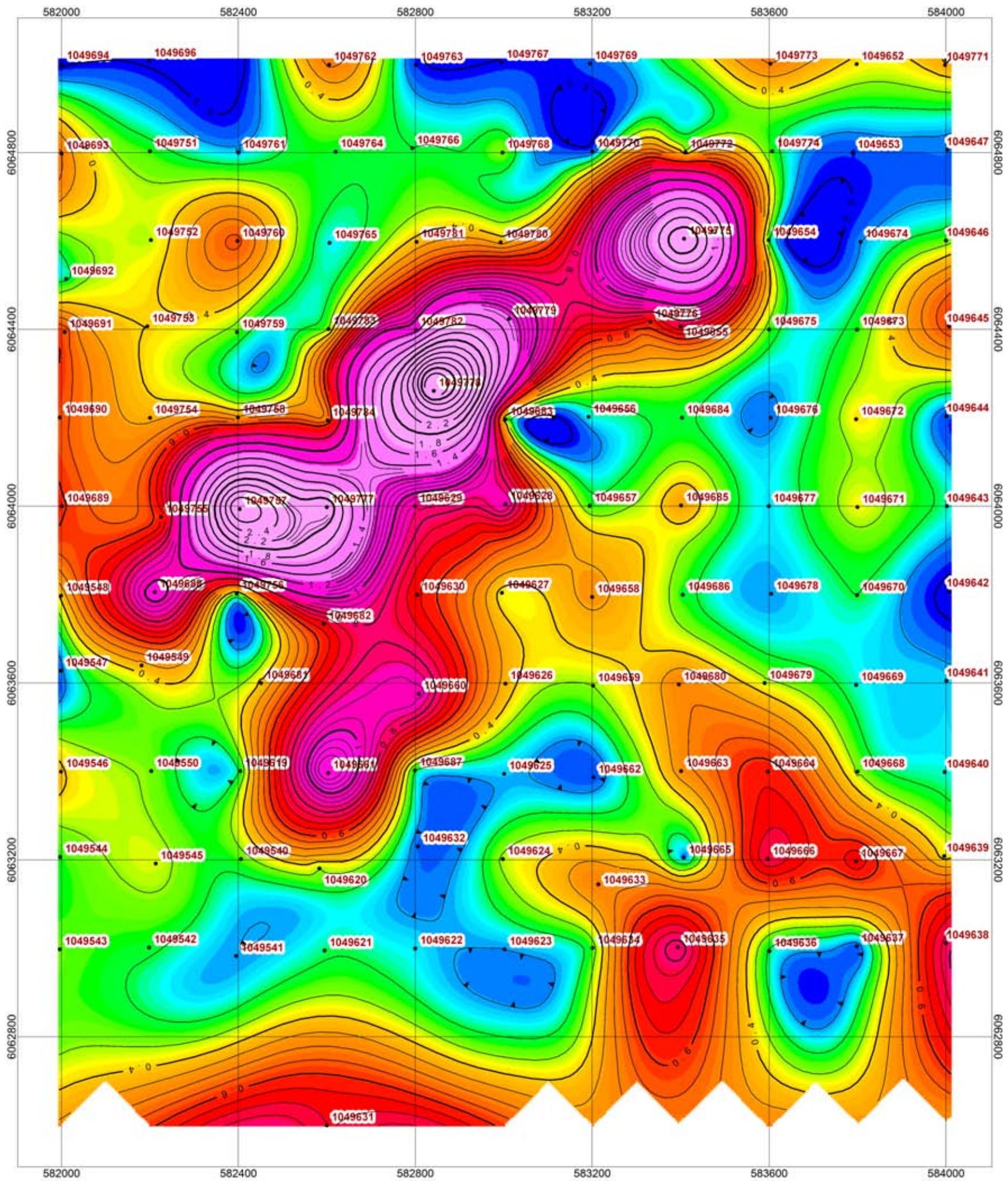
The 2011 geochemical soil sampling program added significantly to the mineralization potential of the Caribou Property, as historical exploration of the same area was only understood to be approximately 60m in strike length with a 10m width across four contiguous veined and mineralized zones.

The 2011 soil sampling program has outlined appreciable extension across this mineralized corridor as observed in the geochemical soil maps in Figures 6 to 13. The geochemical soil maps illustrate a northeast southwest striking anomalous zone that has an apparent 1500m strike length and a 500m width. The anomalous Cu, Ag, Au, Zn and W are all coincident along strike while As, Sb and Mo are represented as coincident halo zones around the aforementioned Cu, Ag, Au, Zn and W. This distribution of the varying elements suggests a common porphyry style setting with zonation of copper and molybdenum represented in a typical copper porphyry fashion.

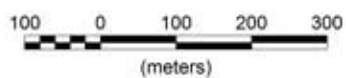
The historical findings of the Caribou Property are also coincident with the 2011 soil anomalies adding further support that the mineralized corridor is much larger than observed on surface.

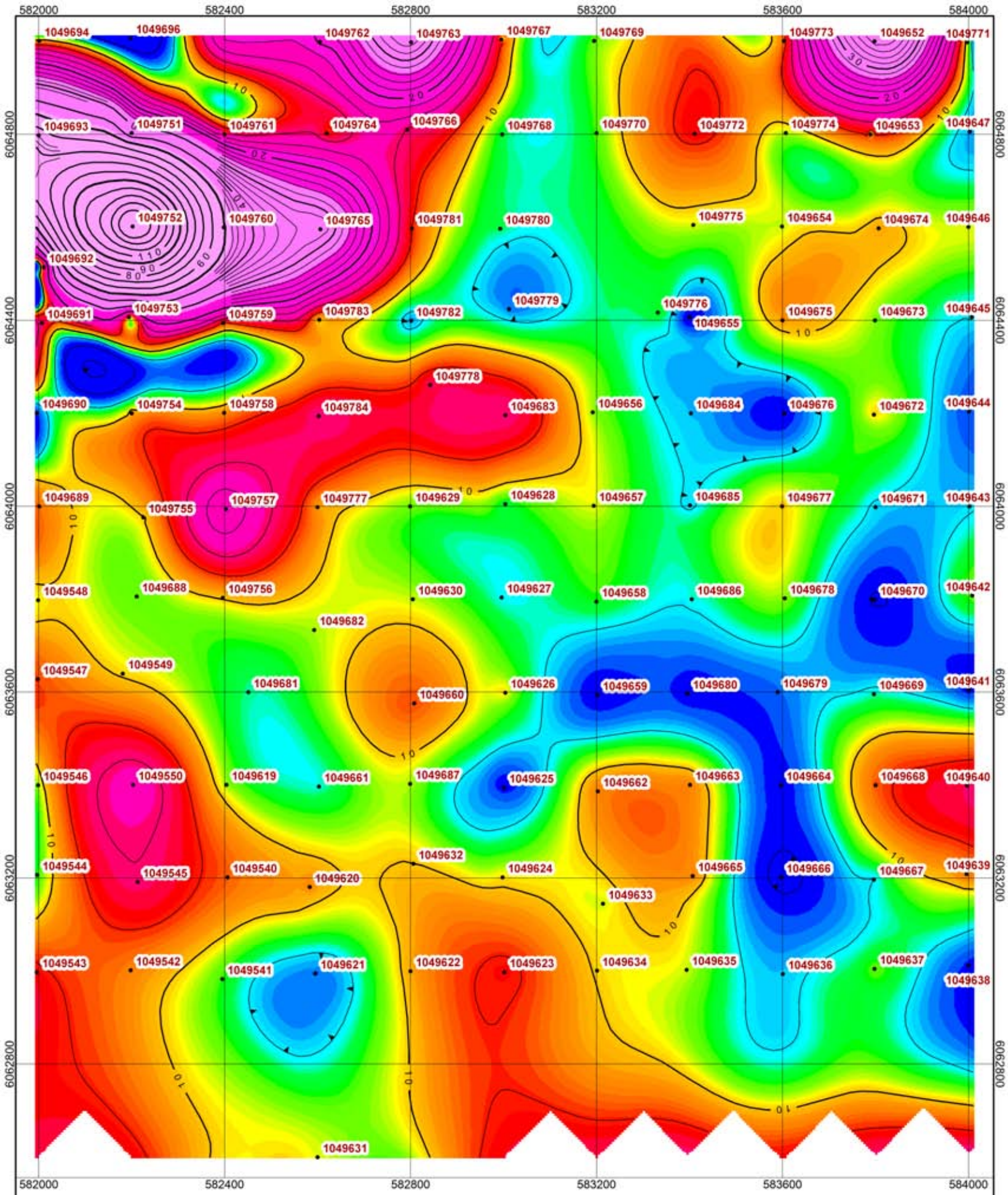
The Cu-in-soil, Ag-in-soil and Au-in-soil anomalies are concluded to have isolated a potentially large porphyry style deposit. It has been postulated in past years that the property may very well be underlain by Late Cretaceous intrusives; the same intrusives that are mineralized in the Serb deposit to the immediate south.

The halo anomalies of coincident mineralization of As-in-soil, Sb-in-soil and Mo-in-soil as well as Zn-in-soil illustrate a continued extension to the northwest into claim number 895898.

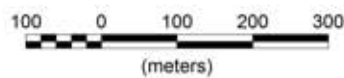


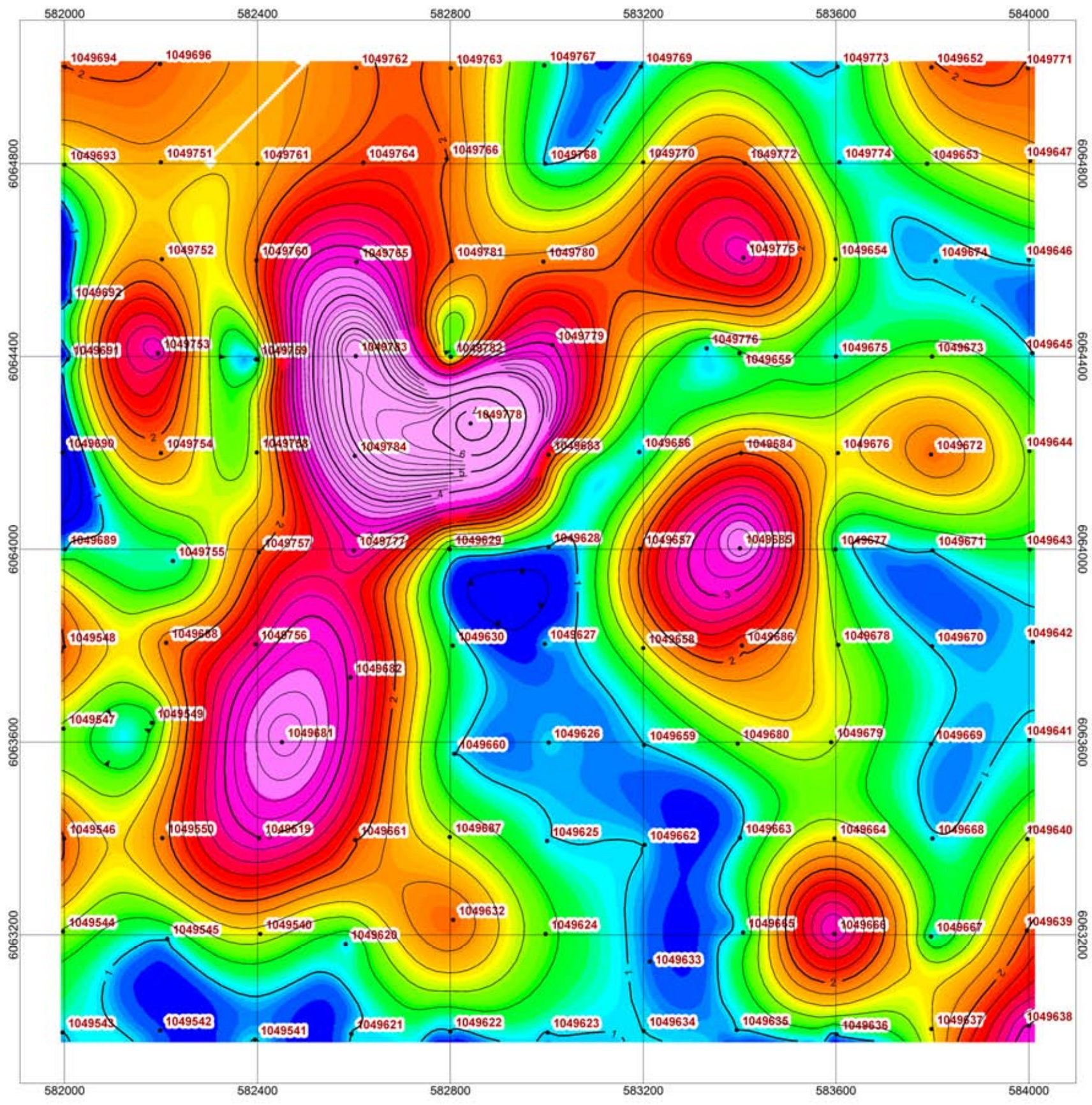
Caribou Property
 Soil Assays 2011
 Ag ppm



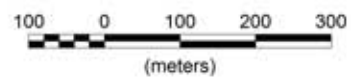


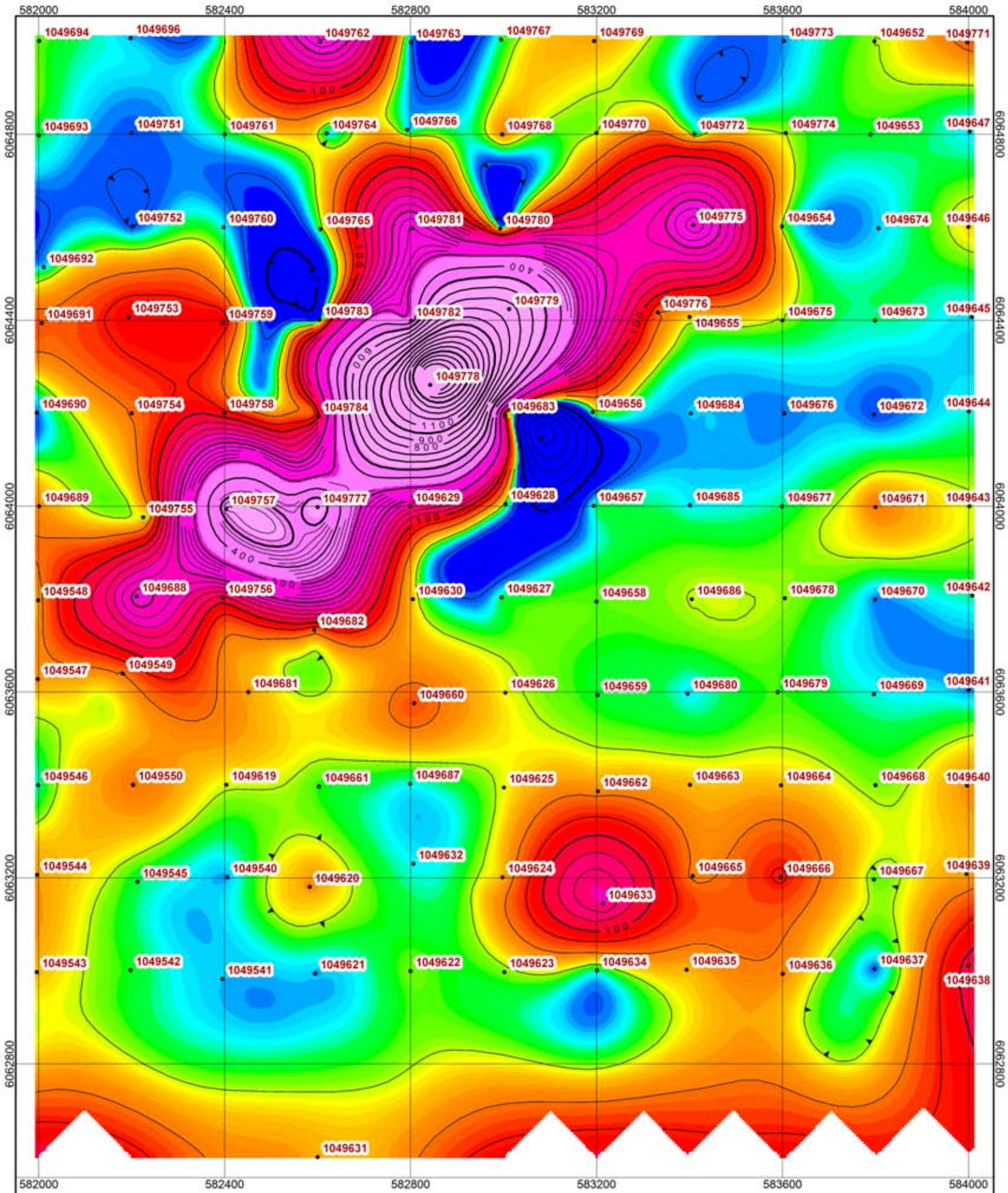
Caribou Property
 Soil Assays 2011
 As ppm



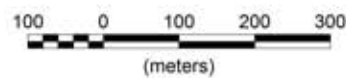


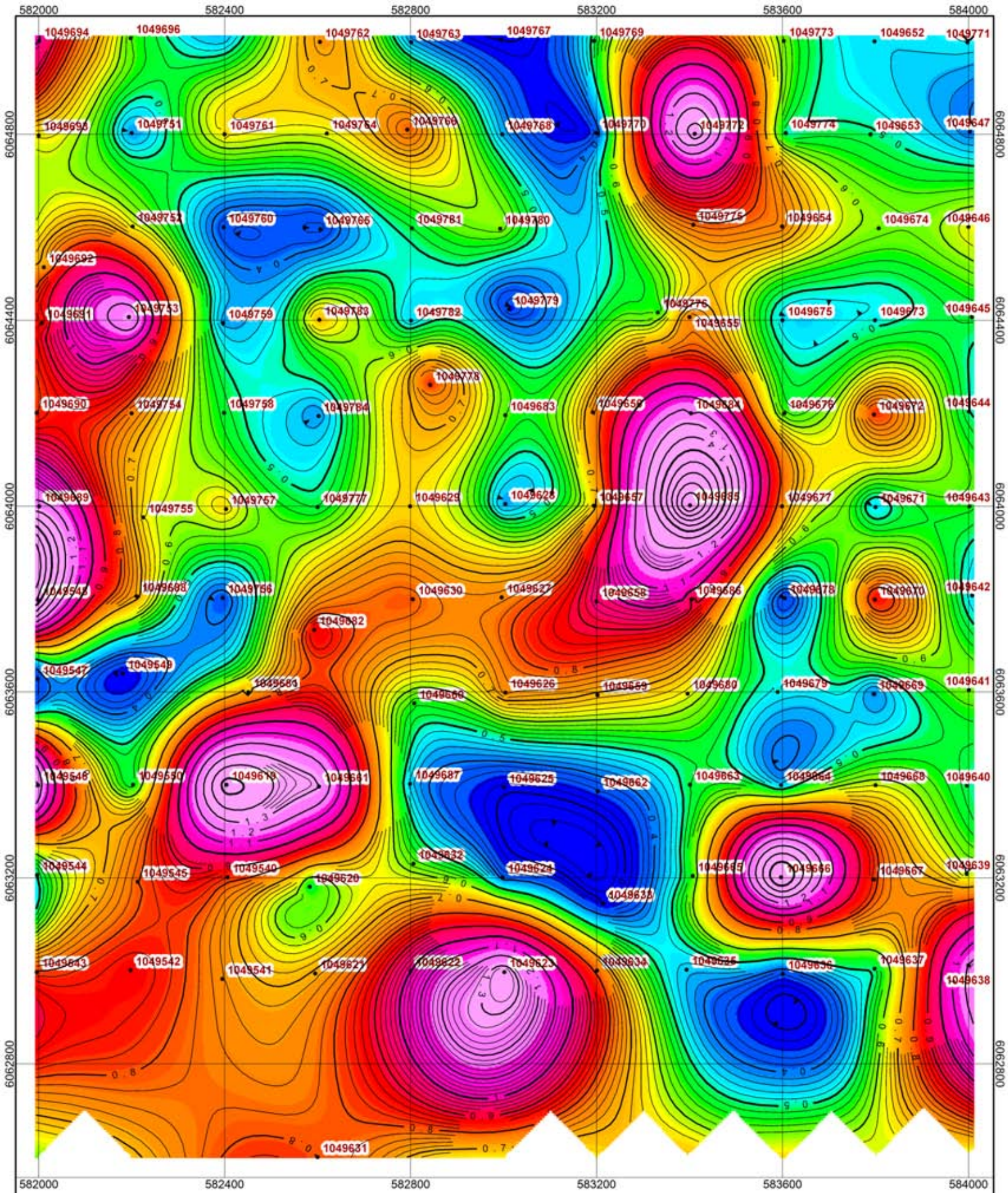
Caribou Property
 Soil Assays 2011
 Au ppb



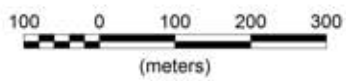


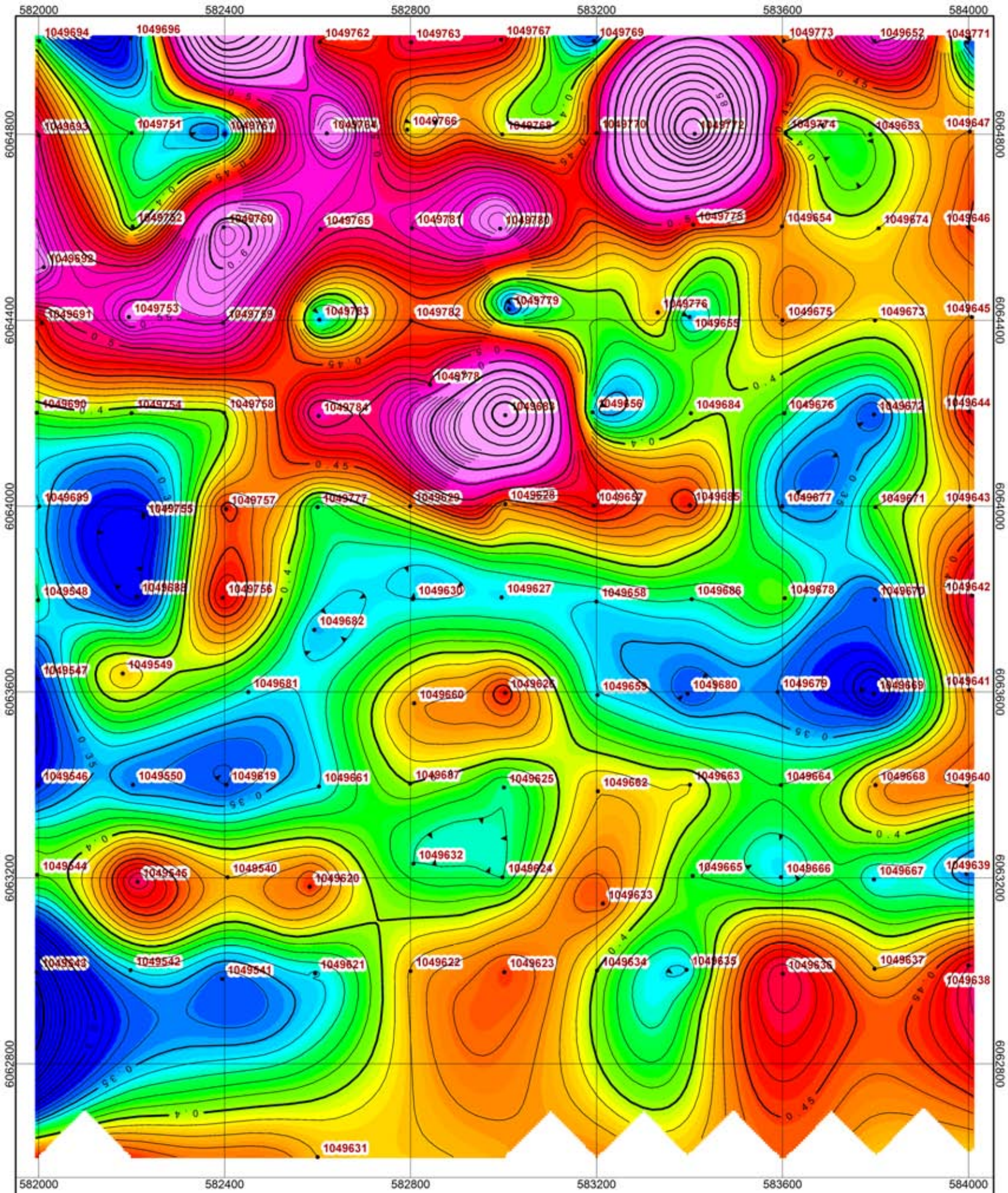
Caribou Property
 Soil Assays 2011
 Cu ppm



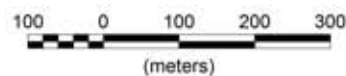


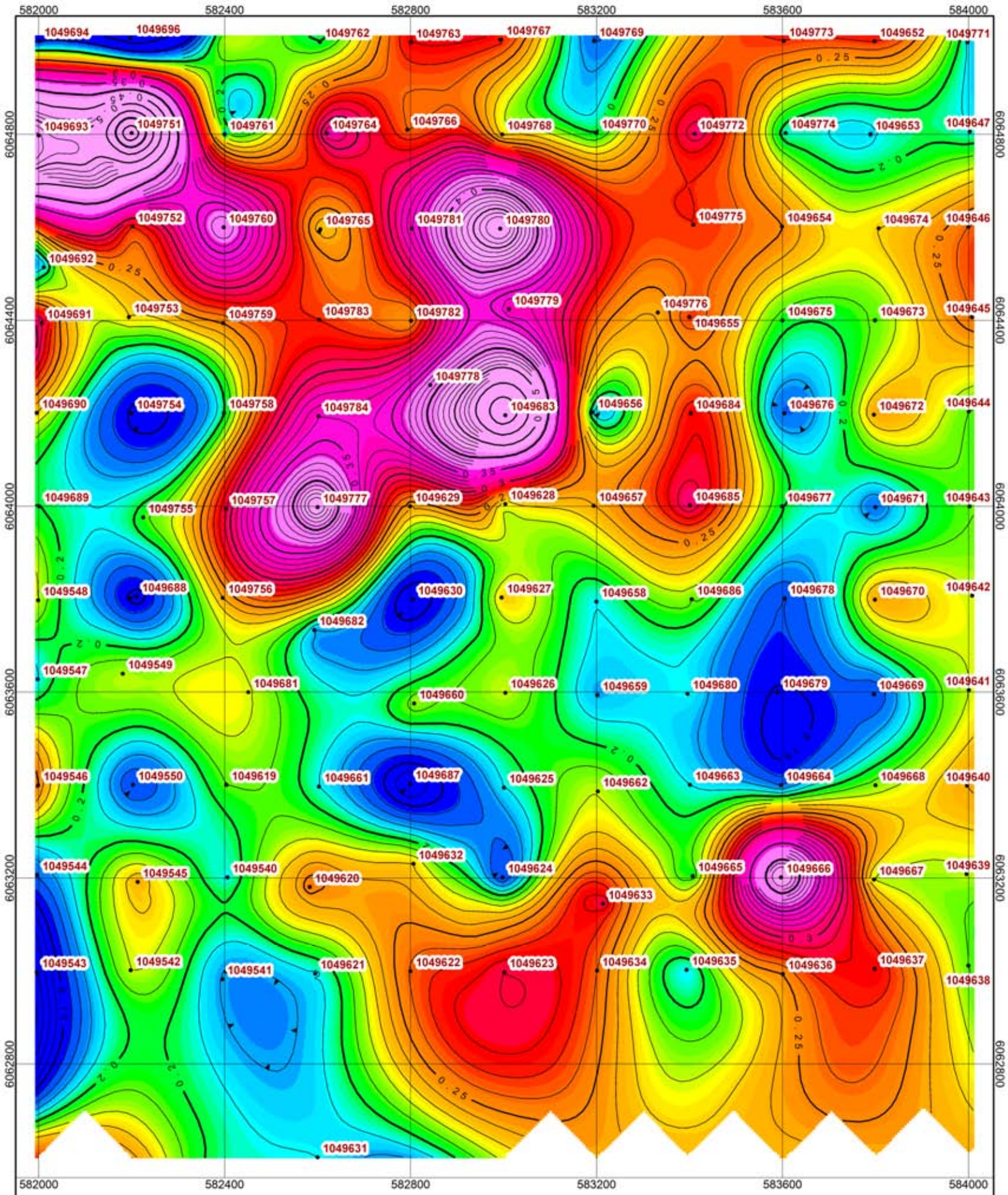
Caribou Property
Soil Assays 2011
Mo ppm



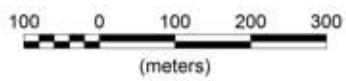


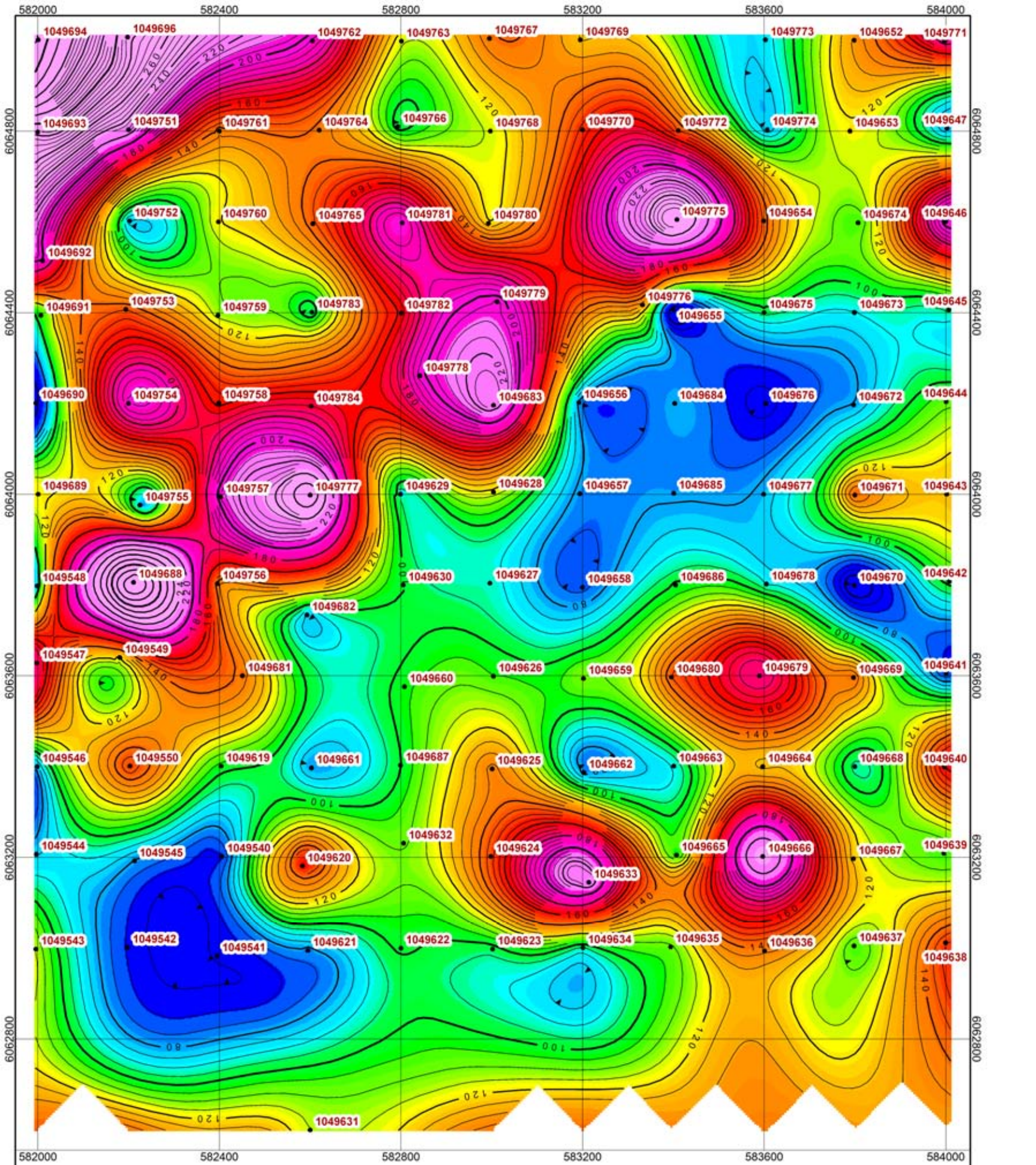
Caribou Property
Soil Assays 2011
Sb ppm



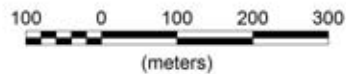


Caribou Property
Soil Assays 2011
W ppm





Caribou Property
Soil Assays 2011
Zn ppm



7.2 Rocks

The results from the rock samples are significant in that the samples that showed elevated anomalous copper, molybdenum and silver values are coincident with the historical findings and the 2011 soil anomalies.

In particular, sample #'s 1049649, 1049799 and 1049795 all exhibit elevated copper values; 0.35% Cu, 0.04% Cu and 0.59% Cu respectively. These sample site locations (Figure 5) are further southwest of the 2011 soil geochem anomaly map for copper (Figure 3), thus suggesting that continued mineralization exists open to the southwest. Sample # 1049648 shows elevated Mo values and is coincident with the interpretation of the soil anomaly for Molybdenum as being a peripheral halo to the copper rich anomaly.

8.0 Recommendations

The results of the 2011 program warrant continued work on the property and the following work is suggested:

1. Continued soil sampling across the entire Caribou claims
2. In-fill soil sampling on the 2011 soil grid
3. Complete regional and detailed mapping program
4. IP geophysical survey over the known minfile showing
5. Prospect sampling in conjunction with the program program
6. 10-hole drill program

An estimated \$600,000 - \$750,000 exploration program is recommended for the Caribou Property.

9.0 Cost Statement

| | A | B | C | D | E | F |
|----|-------------------------------------|---|-------------|-------------|------------------|-------------------|
| 1 | Exploration Work type | Comment | Days | | | Totals |
| 2 | | | | | | |
| 3 | Personnel (Name)* / Position | Field Days (list actual days) | Days | Rate | Subtotal* | |
| 4 | Hardy, Kyler | | 4 | \$40.00 | \$160.00 | |
| 5 | Granlin, Ingrid | | 5 | \$425.00 | \$2,125.00 | |
| 6 | Perry, Lisa | | 5 | \$425.00 | \$2,125.00 | |
| 7 | | | | \$0.00 | \$0.00 | |
| 8 | | | | \$0.00 | \$0.00 | |
| 9 | | | | \$0.00 | \$0.00 | |
| 10 | | | | | \$4,410.00 | \$4,410.00 |
| 11 | Office Studies | List Personnel (note - Office only, do not include field days) | | | | |
| 12 | Literature search | | | \$0.00 | \$0.00 | |
| 13 | Database compilation | | | \$0.00 | \$0.00 | |
| 14 | Computer modelling/GIS | T. Holmes | 3.0 | \$60.00 | \$180.00 | |
| 15 | Reprocessing of data | | | \$0.00 | \$0.00 | |
| 16 | General research | | | \$0.00 | \$0.00 | |
| 17 | Report preparation | A.Ledwon | 4.0 | \$50.00 | \$200.00 | |
| 18 | Report preparation | R.Beck | 6.0 | \$40.00 | \$240.00 | |
| 19 | | | | | \$620.00 | \$620.00 |
| 20 | Ground Exploration Surveys | Area in Hectares/List Personnel | | | | |
| 21 | Geological mapping | | | | | |
| 22 | Regional | | | | | |
| 23 | Reconnaissance | | | | | |
| 24 | Prospect | | | | | |
| 25 | Underground | Define by length and width | | | | |
| 26 | Trenches | Define by length and width | | | \$0.00 | \$0.00 |
| 27 | | | | | | |
| 28 | Geochemical Surveying | Number of Samples | No. | Rate | Subtotal | |
| 29 | | | | | | |
| 30 | Drill (cuttings, core, etc.) | | | \$0.00 | \$0.00 | |
| 31 | Stream sediment | | | \$0.00 | \$0.00 | |
| 32 | Soil | <i>note: This is for assays or</i> | | \$0.00 | \$1,780.96 | |
| 33 | Rock | <i>laboratory costs</i> | | \$0.00 | \$519.35 | |
| 34 | Water | | | \$0.00 | \$0.00 | |
| 35 | Biogeochemistry | | | \$0.00 | \$0.00 | |
| 36 | Whole rock | | | \$0.00 | \$0.00 | |
| 37 | Petrology | | | \$0.00 | \$0.00 | |
| 38 | Other (specify) | | | \$0.00 | \$0.00 | |
| 39 | | | | | \$2,300.31 | \$2,300.31 |
| 40 | Transportation | | No. | Rate | Subtotal | |
| 41 | | | | | | |
| 42 | Airfare | | | \$0.00 | \$0.00 | |
| 43 | Taxi | | | \$0.00 | \$0.00 | |
| 44 | truck rental | | | \$0.00 | \$225.00 | |
| 45 | kilometers | | | \$0.00 | \$57.20 | |
| 46 | ATV | | | \$0.00 | \$0.00 | |
| 47 | fuel | | | \$0.00 | \$0.00 | |
| 48 | Helicopter (hours) | | | \$0.00 | \$2,628.64 | |
| 49 | Fuel (litres/hour) | | | \$0.00 | \$0.00 | |
| 50 | Other | | | | | |
| 51 | | | | | \$2,910.84 | \$2,910.84 |
| 52 | Accommodation & Food | Rates per day | | | | |
| 53 | Hotel | | | \$0.00 | \$0.00 | |
| 54 | Camp | | 10.00 | \$80.00 | \$800.00 | |
| 55 | Meals | day rate or actual costs-specify | | \$0.00 | \$0.00 | |

| | A | B | C | D | E | F |
|----|----------------------------------|---------------|---|--------|----------|--------------------|
| 56 | | | | | \$800.00 | \$800.00 |
| 57 | Miscellaneous | | | | | |
| 58 | Telephone | | | \$0.00 | \$0.00 | |
| 59 | Other (Specify) | Misc supplies | | | \$500.00 | |
| 60 | | | | | \$500.00 | \$500.00 |
| 61 | Equipment Rentals | | | | | |
| 62 | Field Gear (Specify) | | | \$0.00 | \$0.00 | |
| 63 | Other (Specify) | | | | | |
| 64 | | | | | \$0.00 | \$0.00 |
| 65 | Freight, rock samples | | | | | |
| 66 | | | | \$0.00 | \$0.00 | |
| 67 | | | | \$0.00 | \$0.00 | |
| 68 | | | | | \$0.00 | \$0.00 |
| 69 | | | | | | |
| 70 | <i>TOTAL Expenditures</i> | | | | | \$11,541.15 |

10.0 References

Bell, R.A. and D.K. Fountain (1968). Report on Induced Polarization and Resistivity Survey on the NH Claims, Caribou Mountain Area. British Columbia Department of Mines and Petroleum Resources Assessment Report #1640.

Minister of Mines and Petroleum Resources, Proving of British Columbia (1968). Annual Report for the Year Ended December 31, 1968.

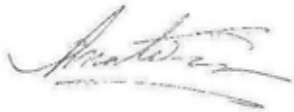
Needoba, J. (1973). Report on the AB Group, Caribou Mountain, Central, BC. British Columbia Department of Mines and Petroleum Resources Assessment Report #4671.

11.0 Statement of Qualifications

I, Anastasia Ledwon, residing at 4901 Slack Road, Smithers, BC, do hereby certify that:

- I am part owner and am currently employed as a consulting geoscientist by:
 - UTM Exploration Services Ltd.
 - PO Box 5037
 - Smithers, BC V0J 2N2
- I graduated from the University of Victoria in 1997 with a B.Sc (With Honours) (With Distinction) in Earth and Ocean Sciences;
- I am a Professional Geoscientist (P.Ge) registered with the Association of Professional Engineers and Geoscientists of British Columbia, license #33898, and have been a member in good standing since 2009;
- Between 1997 and 2001 I was employed as a geoscientist in research geology and from 2005 until the present I have been continuously employed as a geologist in the mineral exploration sector;
- I have not yet visited this property but was indirectly responsible for UTM's exploration of said property.

Dated at Smithers, British Columbia, this 1st day of June, 2012.



Anastasia Ledwon, B.Sc., P.Ge

I, Richard Beck, residing at 4901 Slack Road, Smithers, British Columbia, do hereby certify that:

- I am part owner of and currently employed as the Vice President of Exploration and Development by:
 - UTM Exploration Services Ltd
 - PO Box 5037
 - Smithers, BC V0J 2N2
- I attended Dalhousie University from 1985 to 1989, specializing in geology;
- Between 1987 and 1990, and 1996 to present I have been continuously employed as a junior geologist/project manager/senior exploration geologist in the mineral exploration sector;
- I did not visit this property but supervised the data herein collected.

Dated at Smithers, British Columbia, this 1st day of June, 2012.

Richard Beck
VP Exploration and Development
UTM Exploration Services

Appendix I: Assay Results

CLIENT NAME: UTM EXPLORATION SERVICES
PO BOX 5037
SMITHERS, BC V0J2N0

ATTENTION TO: RICHARD BECK

PROJECT NO: CARIB001

AGAT WORK ORDER: 11D524110

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Sep 20, 2011

PAGES (INCLUDING COVER): 25

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

| DATE SAMPLED: Aug 30, 2011 | | DATE RECEIVED: Sep 06, 2011 | | | | DATE REPORTED: Sep 20, 2011 | | | | SAMPLE TYPE: Soil | | | | |
|----------------------------|---------------------|-----------------------------|------|------|-----|-----------------------------|-----|------|------|-------------------|------|------|------|------|
| Analyte: | Sample Login Weight | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
| Unit: | kg | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| RDL: | 0.01 | 0.01 | 0.01 | 0.1 | 1 | 5 | 1 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 0.5 |
| 1049619 | 0.47 | 0.31 | 3.91 | 9.3 | 3 | <5 | 116 | 0.21 | 0.09 | 0.20 | 0.17 | 11.5 | 10.6 | 31.9 |
| 1049620 | 0.50 | 0.35 | 2.50 | 10.8 | 1 | <5 | 144 | 0.37 | 0.08 | 0.49 | 0.09 | 21.2 | 13.1 | 33.3 |
| 1049621 | 0.33 | 0.31 | 2.60 | 6.7 | 1 | <5 | 125 | 0.13 | 0.09 | 0.14 | 0.10 | 7.96 | 5.7 | 24.3 |
| 1049622 | 0.35 | 0.27 | 3.48 | 10.3 | 1 | <5 | 104 | 0.21 | 0.08 | 0.14 | 0.19 | 13.3 | 9.7 | 32.4 |
| 1049623 | 0.35 | 0.25 | 3.63 | 12.4 | 1 | <5 | 103 | 0.18 | 0.11 | 0.16 | 0.19 | 12.6 | 11.6 | 35.7 |
| 1049624 | 0.35 | 0.36 | 2.54 | 9.8 | <1 | <5 | 171 | 0.39 | 0.06 | 0.40 | 0.13 | 20.9 | 12.1 | 40.5 |
| 1049625 | 0.60 | 0.26 | 2.52 | 6.2 | 1 | <5 | 232 | 0.25 | 0.10 | 0.44 | 0.10 | 11.4 | 12.4 | 32.6 |
| 1049626 | 0.50 | 0.43 | 4.25 | 9.8 | 1 | <5 | 190 | 0.34 | 0.07 | 0.19 | 0.14 | 19.2 | 13.3 | 38.1 |
| 1049627 | 0.30 | 0.38 | 3.35 | 8.1 | 1 | <5 | 138 | 0.24 | 0.09 | 0.15 | 0.19 | 12.2 | 9.7 | 32.2 |
| 1049628 | 0.30 | 0.93 | 3.11 | 8.5 | 1 | <5 | 363 | 0.44 | 0.09 | 0.62 | 0.18 | 15.4 | 8.6 | 28.0 |
| 1049629 | 0.32 | 0.71 | 2.96 | 9.1 | 1 | <5 | 97 | 0.16 | 0.07 | 0.10 | 0.10 | 8.09 | 6.2 | 28.0 |
| 1049630 | 0.30 | 0.67 | 3.74 | 9.5 | <1 | <5 | 113 | 0.15 | 0.10 | 0.18 | 0.12 | 10.6 | 10.5 | 35.7 |
| 1049631 | 0.27 | 0.70 | 3.59 | 9.6 | <1 | <5 | 101 | 0.32 | 0.09 | 0.14 | 0.12 | 16.0 | 14.6 | 41.5 |
| 1049632 | 0.41 | 0.23 | 2.16 | 10.0 | 2 | <5 | 114 | 0.33 | 0.08 | 0.29 | 0.10 | 12.7 | 11.8 | 30.5 |
| 1049633 | 0.52 | 0.52 | 2.22 | 9.5 | <1 | <5 | 126 | 0.59 | 0.05 | 0.45 | 0.10 | 24.2 | 18.4 | 47.4 |
| 1049634 | 0.38 | 0.33 | 4.40 | 9.9 | 1 | <5 | 156 | 0.23 | 0.08 | 0.11 | 0.14 | 8.66 | 7.8 | 42.1 |
| 1049635 | 0.46 | 0.84 | 4.19 | 9.5 | 1 | <5 | 248 | 0.37 | 0.06 | 0.41 | 0.15 | 20.3 | 13.6 | 41.1 |
| 1049636 | 0.51 | 0.29 | 1.74 | 7.7 | 1 | <5 | 176 | 0.30 | 0.06 | 0.51 | 0.07 | 14.9 | 11.5 | 32.1 |
| 1049637 | 0.43 | 0.23 | 2.62 | 9.1 | <1 | <5 | 121 | 0.24 | 0.09 | 0.13 | 0.07 | 11.6 | 8.2 | 28.2 |
| 1049638 | 0.41 | 0.78 | 3.43 | 6.5 | 3 | <5 | 841 | 0.55 | 0.08 | 0.49 | 0.24 | 22.7 | 14.7 | 40.6 |
| 1049639 | 0.45 | 0.38 | 3.78 | 11.2 | 2 | <5 | 275 | 0.43 | 0.06 | 0.25 | 0.20 | 17.0 | 11.1 | 31.6 |
| 1049640 | 0.42 | 0.28 | 4.98 | 13.4 | <1 | <5 | 489 | 0.46 | 0.08 | 0.28 | 0.16 | 18.1 | 16.1 | 41.3 |
| 1049641 | 0.35 | 0.26 | 2.32 | 6.3 | <1 | <5 | 140 | 0.17 | 0.11 | 0.08 | 0.11 | 9.10 | 5.6 | 31.1 |
| 1049642 | 0.39 | 0.18 | 3.36 | 9.1 | 1 | <5 | 233 | 0.27 | 0.07 | 0.22 | 0.12 | 10.8 | 11.3 | 31.4 |
| 1049643 | 0.37 | 0.29 | 2.52 | 7.6 | <1 | <5 | 298 | 0.41 | 0.08 | 0.54 | 0.15 | 13.8 | 12.7 | 27.5 |
| 1049644 | 0.44 | 0.22 | 2.09 | 6.8 | <1 | <5 | 420 | 0.39 | 0.07 | 0.44 | 0.10 | 14.4 | 9.9 | 27.1 |
| 1049645 | 0.46 | 0.59 | 3.10 | 8.1 | 1 | <5 | 221 | 0.36 | 0.07 | 0.39 | 0.14 | 12.6 | 9.7 | 28.1 |
| 1049646 | 0.41 | 0.33 | 4.45 | 9.6 | <1 | <5 | 274 | 0.62 | 0.07 | 0.40 | 0.12 | 29.6 | 18.4 | 34.2 |
| 1049647 | 0.49 | 0.24 | 2.44 | 7.6 | <1 | <5 | 216 | 0.33 | 0.07 | 0.36 | 0.10 | 15.0 | 9.4 | 27.9 |
| 1049651 | 0.45 | 0.26 | 3.47 | 9.7 | 2 | <5 | 198 | 0.43 | 0.08 | 0.16 | 0.12 | 13.8 | 12.8 | 34.7 |
| 1049652 | 0.47 | 0.38 | 4.32 | 40.0 | 2 | <5 | 541 | 0.86 | 0.07 | 0.47 | 0.12 | 19.2 | 11.9 | 51.5 |
| 1049653 | 0.40 | 0.20 | 5.07 | 9.2 | <1 | <5 | 224 | 0.26 | 0.05 | 0.16 | 0.12 | 6.10 | 10.1 | 33.8 |

Certified By:

Ken Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Sample Description | Analyte: | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
|--------------------|---|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|
| | Sample Login Weight Unit: kg RDL: | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| | 0.01 | 0.01 | 0.01 | 0.1 | 1 | 5 | 1 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 0.5 |
| 1049654 | 0.37 | 0.30 | 3.73 | 9.5 | <1 | <5 | 216 | 0.36 | 0.10 | 0.13 | 0.20 | 12.7 | 11.1 | 40.6 |
| 1049655 | 0.34 | 0.75 | 1.73 | 5.6 | <1 | <5 | 109 | 0.15 | 0.15 | 0.05 | 0.11 | 7.34 | 5.9 | 18.4 |
| 1049656 | 0.38 | 0.28 | 4.20 | 9.3 | 1 | <5 | 137 | 0.26 | 0.06 | 0.20 | 0.17 | 11.5 | 16.2 | 33.6 |
| 1049657 | 0.31 | 0.32 | 3.08 | 9.6 | <1 | <5 | 115 | 0.20 | 0.09 | 0.09 | 0.15 | 8.18 | 8.7 | 28.3 |
| 1049658 | 0.37 | 0.47 | 3.29 | 8.8 | <1 | <5 | 142 | 0.22 | 0.09 | 0.12 | 0.21 | 8.85 | 9.8 | 35.7 |
| 1049659 | 0.34 | 0.35 | 2.40 | 5.8 | 1 | <5 | 298 | 0.29 | 0.11 | 0.35 | 0.12 | 9.92 | 11.9 | 30.0 |
| 1049660 | 0.45 | 0.95 | 4.19 | 11.7 | 1 | <5 | 308 | 0.68 | 0.07 | 0.44 | 0.16 | 28.2 | 19.6 | 56.2 |
| 1049661 | 0.36 | 1.25 | 3.30 | 8.2 | 2 | <5 | 77 | 0.30 | 0.07 | 0.13 | 0.16 | 14.3 | 10.9 | 26.6 |
| 1049662 | 0.47 | 0.22 | 3.21 | 11.0 | 1 | <5 | 247 | 0.51 | 0.05 | 0.35 | 0.12 | 38.9 | 13.7 | 31.5 |
| 1049663 | 0.35 | 0.48 | 3.87 | 10.8 | 1 | <5 | 175 | 0.45 | 0.05 | 0.23 | 0.19 | 12.7 | 15.0 | 32.2 |
| 1049664 | 0.31 | 0.63 | 2.57 | 6.4 | <1 | <5 | 290 | 0.43 | 0.07 | 0.53 | 0.18 | 15.6 | 12.1 | 31.6 |
| 1049665 | 0.38 | 0.22 | 4.08 | 10.9 | 1 | <5 | 190 | 0.37 | 0.06 | 0.27 | 0.21 | 18.1 | 15.7 | 33.1 |
| 1049666 | 0.39 | 0.74 | 2.44 | 5.5 | 3 | <5 | 298 | 0.63 | 0.16 | 0.12 | 0.18 | 15.1 | 16.6 | 17.4 |
| 1049667 | 0.24 | 0.69 | 2.80 | 8.0 | 1 | <5 | 149 | 0.28 | 0.09 | 0.10 | 0.16 | 11.3 | 9.3 | 27.0 |
| 1049668 | 0.31 | 0.30 | 3.73 | 12.1 | 1 | <5 | 200 | 0.30 | 0.09 | 0.23 | 0.24 | 15.6 | 10.8 | 34.7 |
| 1049669 | 0.29 | 0.28 | 3.09 | 8.3 | <1 | <5 | 494 | 0.38 | 0.07 | 0.26 | 0.12 | 13.4 | 16.3 | 29.7 |
| 1049670 | 0.29 | 0.30 | 2.65 | 5.8 | <1 | <5 | 141 | 0.21 | 0.13 | 0.08 | 0.15 | 9.00 | 4.9 | 31.5 |
| 1049671 | 0.38 | 0.38 | 3.28 | 7.8 | 1 | <5 | 607 | 0.59 | 0.08 | 0.79 | 0.27 | 21.1 | 14.1 | 35.3 |
| 1049672 | 0.33 | 0.39 | 4.19 | 9.9 | 2 | <5 | 188 | 0.37 | 0.08 | 0.17 | 0.17 | 9.01 | 7.3 | 32.0 |
| 1049673 | 0.41 | 0.31 | 3.27 | 8.9 | <1 | <5 | 233 | 0.74 | 0.09 | 0.23 | 0.11 | 16.8 | 11.6 | 32.1 |
| 1049674 | 0.44 | 0.25 | 4.40 | 10.4 | 1 | <5 | 197 | 0.38 | 0.07 | 0.16 | 0.15 | 9.47 | 11.9 | 32.2 |
| 1049675 | 0.44 | 0.30 | 4.35 | 11.5 | 1 | <5 | 460 | 0.74 | 0.08 | 0.70 | 0.11 | 29.5 | 14.7 | 29.3 |
| 1049676 | 0.32 | 0.24 | 2.75 | 6.2 | <1 | <5 | 164 | 0.35 | 0.11 | 0.16 | 0.13 | 12.1 | 6.9 | 23.0 |
| 1049677 | 0.30 | 0.25 | 4.76 | 10.5 | 1 | <5 | 194 | 0.31 | 0.07 | 0.24 | 0.17 | 12.7 | 9.5 | 29.5 |
| 1049678 | 0.40 | 0.25 | 3.31 | 9.3 | <1 | <5 | 471 | 0.54 | 0.07 | 0.53 | 0.13 | 26.3 | 14.5 | 30.9 |
| 1049679 | 0.31 | 0.34 | 3.71 | 7.0 | <1 | <5 | 461 | 0.59 | 0.10 | 0.51 | 0.17 | 19.4 | 14.0 | 31.8 |
| 1049680 | 0.23 | 0.50 | 3.04 | 6.0 | <1 | <5 | 726 | 0.61 | 0.09 | 0.60 | 0.37 | 18.8 | 14.4 | 25.8 |
| 1049681 | 0.21 | 0.44 | 2.65 | 8.2 | 4 | <5 | 166 | 0.56 | 0.09 | 0.12 | 0.19 | 16.2 | 10.6 | 22.1 |
| 1049682 | 0.25 | 0.68 | 3.12 | 9.4 | <1 | <5 | 88 | 0.24 | 0.14 | 0.09 | 0.09 | 17.8 | 9.1 | 27.3 |
| 1049683 | 0.38 | 0.29 | 1.75 | 14.3 | 2 | <5 | 355 | 1.61 | 0.14 | 0.34 | 0.23 | 23.1 | 12.9 | 6.4 |
| 1049684 | 0.34 | 0.30 | 3.92 | 7.6 | 2 | <5 | 137 | 0.44 | 0.10 | 0.12 | 0.16 | 15.4 | 10.4 | 28.7 |
| 1049685 | 0.22 | 0.46 | 3.62 | 7.8 | 4 | <5 | 107 | 0.33 | 0.14 | 0.15 | 0.28 | 14.8 | 9.9 | 29.8 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Sample Description | Analyte: | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
|--------------------|---|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|
| | Sample Login Weight Unit: kg RDL: | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| 1049686 | 0.31 | 0.29 | 4.39 | 8.3 | 2 | <5 | 169 | 0.35 | 0.09 | 0.16 | 0.16 | 13.7 | 12.4 | 36.5 |
| 1049687 | 0.50 | 0.30 | 2.55 | 9.4 | <1 | <5 | 103 | 0.30 | 0.08 | 0.19 | 0.09 | 13.8 | 10.3 | 29.3 |
| 1049688 | 0.32 | 1.11 | 4.22 | 9.1 | 2 | <5 | 119 | 0.73 | 0.06 | 1.04 | 0.17 | 16.5 | 25.8 | 66.6 |
| 1049689 | 0.35 | 0.61 | 3.55 | 11.1 | 1 | <5 | 106 | 0.27 | 0.07 | 0.18 | 0.19 | 9.82 | 12.2 | 45.8 |
| 1049690 | 0.27 | 0.57 | 2.21 | 6.9 | <1 | <5 | 135 | 0.14 | 0.14 | 0.08 | 0.10 | 7.17 | 5.7 | 28.2 |
| 1049691 | 0.30 | 0.56 | 3.65 | 13.6 | 1 | <5 | 161 | 0.54 | 0.06 | 0.21 | 0.12 | 23.4 | 15.4 | 40.9 |
| 1049692 | 0.24 | 0.29 | 4.30 | 14.8 | 1 | <5 | 64 | 0.27 | 0.08 | 0.27 | 0.12 | 9.13 | 17.4 | 91.6 |
| 1049693 | 0.41 | 0.50 | 3.62 | 64.8 | <1 | <5 | 143 | 0.44 | 0.08 | 0.49 | 0.14 | 16.4 | 27.0 | 151 |
| 1049694 | 0.39 | 0.19 | 3.02 | 10.5 | 2 | <5 | 64 | 0.33 | 0.08 | 0.36 | 0.04 | 12.6 | 39.8 | 88.4 |
| 1049696 | 0.49 | 0.19 | 2.80 | 4.3 | <1 | <5 | 193 | 0.24 | 0.09 | 0.37 | 0.06 | 9.99 | 28.0 | 91.9 |
| 1049697 | 0.59 | 0.18 | 3.42 | 18.1 | <1 | 5 | 77 | 0.44 | 0.05 | 0.64 | 0.07 | 13.8 | 24.9 | 83.4 |
| 1049540 | 0.34 | 0.33 | 2.60 | 11.4 | <1 | <5 | 93 | 0.23 | 0.10 | 0.10 | 0.20 | 8.51 | 7.1 | 22.0 |
| 1049541 | 0.46 | 0.25 | 3.70 | 9.0 | 1 | <5 | 109 | 0.34 | 0.08 | 0.16 | 0.10 | 11.8 | 7.5 | 26.3 |
| 1049542 | 0.48 | 0.31 | 4.31 | 10.9 | <1 | <5 | 87 | 0.51 | 0.05 | 0.21 | 0.16 | 16.1 | 7.3 | 25.1 |
| 1049543 | 0.35 | 0.33 | 4.14 | 12.3 | 1 | <5 | 169 | 0.46 | 0.08 | 0.82 | 0.08 | 14.4 | 25.1 | 64.2 |
| 1049544 | 0.62 | 0.32 | 2.12 | 8.9 | <1 | <5 | 227 | 0.46 | 0.05 | 0.92 | 0.14 | 17.2 | 11.5 | 22.6 |
| 1049545 | 0.60 | 0.37 | 4.89 | 14.0 | 1 | <5 | 99 | 0.77 | 0.04 | 0.28 | 0.27 | 22.3 | 15.3 | 23.0 |
| 1049546 | 0.43 | 0.41 | 4.07 | 9.4 | 2 | <5 | 124 | 0.47 | 0.08 | 0.16 | 0.18 | 13.5 | 9.1 | 29.3 |
| 1049547 | 0.63 | 0.24 | 3.15 | 11.6 | <1 | <5 | 123 | 0.46 | 0.08 | 0.44 | 0.07 | 12.2 | 15.9 | 41.1 |
| 1049548 | 0.43 | 0.41 | 2.44 | 9.7 | 2 | <5 | 99 | 0.36 | 0.06 | 0.27 | 0.21 | 10.2 | 11.2 | 28.3 |
| 1049549 | 0.53 | 0.40 | 2.36 | 9.9 | 1 | <5 | 171 | 0.56 | 0.06 | 0.18 | 0.07 | 21.8 | 9.1 | 28.9 |
| 1049550 | 0.38 | 0.34 | 4.70 | 15.6 | <1 | <5 | 173 | 0.81 | 0.08 | 0.43 | 0.14 | 26.7 | 17.0 | 34.8 |
| 1049751 | 0.56 | 0.32 | 2.78 | 32.8 | <1 | <5 | 127 | 0.32 | 0.07 | 0.52 | 0.10 | 9.13 | 17.6 | 66.7 |
| 1049752 | 0.41 | 0.36 | 2.38 | 160 | <1 | <5 | 115 | 0.46 | 0.12 | 0.83 | 0.12 | 13.1 | 6.9 | 47.5 |
| 1049753 | 0.64 | 0.40 | 1.76 | 8.9 | 3 | <5 | 98 | 0.46 | 0.07 | 0.68 | 0.10 | 15.1 | 13.2 | 39.0 |
| 1049754 | 0.59 | 0.44 | 3.24 | 11.3 | <1 | <5 | 93 | 0.46 | 0.05 | 0.29 | 0.09 | 10.7 | 22.5 | 66.3 |
| 1049755 | 0.44 | 0.56 | 4.50 | 9.8 | 1 | <5 | 105 | 0.38 | 0.04 | 0.21 | 0.19 | 6.85 | 5.4 | 33.6 |
| 1049756 | 0.56 | 0.36 | 1.82 | 10.1 | <1 | <5 | 237 | 0.43 | 0.06 | 0.48 | 0.13 | 13.7 | 13.6 | 26.4 |
| 1049757 | 0.63 | 2.93 | 4.18 | 18.4 | 2 | <5 | 157 | 0.84 | 0.06 | 0.47 | 0.16 | 33.4 | 20.2 | 54.2 |
| 1049758 | 0.51 | 0.46 | 2.37 | 10.7 | <1 | <5 | 182 | 0.42 | 0.06 | 0.41 | 0.10 | 11.0 | 12.9 | 33.7 |
| 1049759 | 0.87 | 0.33 | 1.97 | 11.8 | 1 | <5 | 178 | 0.47 | 0.05 | 1.04 | 0.11 | 16.6 | 10.9 | 23.2 |
| 1049760 | 0.62 | 0.56 | 2.69 | 50.7 | <1 | <5 | 237 | 0.38 | 0.06 | 0.68 | 0.13 | 11.6 | 11.6 | 71.4 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Sample Login Weight | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
|--------------------|---------------------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|
| Unit: | kg | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| RDL: | 0.01 | 0.01 | 0.01 | 0.1 | 1 | 5 | 1 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 0.5 |
| Sample Description | | | | | | | | | | | | | | |
| 1049761 | 0.38 | 0.23 | 4.11 | 10.3 | <1 | <5 | 248 | 0.22 | 0.06 | 0.69 | 0.07 | 6.86 | 20.4 | 50.5 |
| 1049762 | 0.45 | 0.51 | 5.06 | 20.6 | <1 | <5 | 94 | 0.32 | 0.08 | 0.44 | 0.08 | 7.60 | 28.2 | 97.2 |
| 1049763 | 0.46 | 0.21 | 2.02 | 35.2 | <1 | <5 | 192 | 0.40 | 0.06 | 0.33 | 0.06 | 9.30 | 9.0 | 35.2 |
| 1049764 | 0.53 | 0.31 | 2.59 | 11.8 | <1 | <5 | 160 | 0.34 | 0.07 | 0.23 | 0.15 | 10.1 | 11.1 | 36.8 |
| 1049765 | 0.30 | 0.27 | 2.32 | 34.4 | <1 | <5 | 386 | 0.58 | 0.05 | 1.15 | 0.13 | 15.3 | 12.2 | 63.5 |
| 1049766 | 0.44 | 0.30 | 2.73 | 13.7 | 2 | <5 | 131 | 0.26 | 0.07 | 0.23 | 0.15 | 12.1 | 7.6 | 36.1 |
| 1049767 | 0.51 | 0.21 | 1.31 | 8.8 | <1 | <5 | 159 | 0.39 | 0.05 | 0.45 | 0.06 | 13.8 | 11.9 | 17.1 |
| 1049768 | 0.51 | 0.34 | 2.83 | 8.6 | 1 | <5 | 203 | 0.40 | 0.07 | 0.45 | 0.09 | 13.1 | 12.4 | 25.7 |
| 1049769 | 0.61 | 0.23 | 3.27 | 9.1 | 1 | <5 | 282 | 0.44 | 0.08 | 0.65 | 0.11 | 13.8 | 13.7 | 31.1 |
| 1049770 | 0.45 | 0.22 | 3.11 | 9.0 | <1 | <5 | 346 | 0.41 | 0.08 | 0.83 | 0.12 | 14.5 | 12.5 | 27.9 |
| 1049771 | 0.40 | 0.44 | 5.42 | 9.1 | <1 | <5 | 380 | 0.36 | 0.07 | 0.14 | 0.08 | 11.0 | 17.4 | 37.0 |
| 1049772 | 0.43 | 0.35 | 3.35 | 12.8 | 2 | <5 | 139 | 0.28 | 0.12 | 0.07 | 0.07 | 7.44 | 7.8 | 16.2 |
| 1049773 | 0.58 | 0.50 | 2.67 | 11.5 | 1 | <5 | 405 | 0.25 | 0.10 | 0.57 | 0.09 | 8.20 | 6.2 | 29.2 |
| 1049774 | 0.46 | 0.32 | 4.24 | 9.5 | 1 | <5 | 215 | 0.30 | 0.06 | 0.26 | 0.13 | 14.8 | 13.1 | 32.9 |
| 1049775 | 0.40 | 2.28 | 3.29 | 9.6 | 3 | <5 | 420 | 0.74 | 0.10 | 0.70 | 0.10 | 22.2 | 12.8 | 40.0 |
| 1049776 | 0.36 | 0.60 | 2.83 | 8.8 | 1 | <5 | 205 | 0.65 | 0.11 | 0.33 | 0.11 | 20.5 | 10.0 | 25.5 |
| 1049777 | 0.42 | 2.19 | 3.33 | 10.4 | 3 | <5 | 263 | 0.65 | 0.05 | 0.65 | 0.11 | 33.2 | 26.1 | 32.1 |
| 1049778 | 0.51 | 3.79 | 2.32 | 13.6 | 8 | <5 | 259 | 0.85 | 0.13 | 0.73 | 0.44 | 64.9 | 17.4 | 18.4 |
| 1049779 | 0.48 | 1.28 | 2.48 | 7.1 | 3 | <5 | 271 | 0.78 | 0.09 | 1.00 | 0.19 | 19.4 | 21.4 | 27.8 |
| 1049780 | 0.42 | 0.43 | 2.05 | 8.5 | <1 | <5 | 124 | 0.30 | 0.23 | 0.14 | 0.04 | 5.79 | 6.2 | 9.1 |
| 1049781 | 0.36 | 0.42 | 3.05 | 11.9 | 2 | <5 | 128 | 0.34 | 0.10 | 0.07 | 0.11 | 8.42 | 16.4 | 31.5 |
| 1049782 | 0.54 | 1.11 | 2.66 | 7.5 | 1 | <5 | 200 | 0.53 | 0.07 | 0.66 | 0.08 | 29.7 | 19.5 | 32.5 |
| 1049783 | 0.37 | 0.35 | 2.22 | 9.9 | 6 | <5 | 153 | 0.17 | 0.10 | 0.08 | 0.10 | 5.84 | 5.3 | 17.9 |
| 1049784 | 0.47 | 0.52 | 3.22 | 14.1 | <1 | <5 | 243 | 0.66 | 0.08 | 0.27 | 0.07 | 12.2 | 11.9 | 32.5 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

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<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo |
|-------------------------|------|------|------|------|------|-------|------|-------|------|------|------|------|------|------|
| Unit: | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm |
| Sample Description RDL: | 0.05 | 0.1 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.1 | 0.1 | 0.01 | 1 | 0.05 |
| 1049619 | 2.17 | 41.1 | 4.61 | 8.42 | 0.12 | 0.06 | 0.11 | 0.066 | 0.06 | 5.4 | 12.0 | 0.84 | 1210 | 1.54 |
| 1049620 | 2.36 | 55.9 | 4.58 | 7.48 | 0.13 | 0.02 | 0.03 | 0.058 | 0.06 | 8.7 | 12.0 | 1.18 | 1880 | 0.51 |
| 1049621 | 1.64 | 22.0 | 4.09 | 9.75 | 0.12 | 0.02 | 0.09 | 0.053 | 0.04 | 4.0 | 8.2 | 0.51 | 500 | 0.72 |
| 1049622 | 2.08 | 37.0 | 5.67 | 10.5 | 0.13 | 0.02 | 0.08 | 0.082 | 0.06 | 6.3 | 12.6 | 0.83 | 911 | 0.99 |
| 1049623 | 2.22 | 38.2 | 7.05 | 13.3 | 0.14 | 0.03 | 0.05 | 0.109 | 0.08 | 5.9 | 12.9 | 1.11 | 1250 | 1.35 |
| 1049624 | 2.47 | 48.1 | 4.66 | 7.56 | 0.14 | 0.02 | 0.04 | 0.055 | 0.07 | 9.6 | 18.4 | 0.95 | 1220 | 0.38 |
| 1049625 | 2.13 | 42.1 | 3.33 | 12.1 | 0.12 | <0.02 | 0.03 | 0.063 | 0.05 | 5.2 | 28.0 | 1.15 | 624 | 0.31 |
| 1049626 | 2.12 | 41.5 | 4.92 | 8.74 | 0.13 | 0.04 | 0.09 | 0.064 | 0.07 | 7.2 | 13.4 | 1.01 | 925 | 0.75 |
| 1049627 | 2.03 | 32.7 | 5.26 | 10.6 | 0.13 | 0.02 | 0.08 | 0.065 | 0.05 | 5.6 | 13.5 | 0.75 | 984 | 0.75 |
| 1049628 | 1.97 | 37.0 | 3.94 | 8.42 | 0.13 | 0.02 | 0.10 | 0.063 | 0.06 | 8.3 | 37.0 | 0.66 | 676 | 0.42 |
| 1049629 | 1.28 | 79.0 | 5.93 | 8.80 | 0.12 | <0.02 | 0.07 | 0.066 | 0.04 | 4.3 | 8.5 | 0.54 | 769 | 0.68 |
| 1049630 | 2.83 | 47.2 | 6.37 | 14.2 | 0.12 | 0.03 | 0.10 | 0.078 | 0.06 | 5.2 | 14.0 | 1.12 | 1060 | 0.79 |
| 1049631 | 3.01 | 49.4 | 5.54 | 11.8 | 0.15 | 0.03 | 0.08 | 0.069 | 0.07 | 7.4 | 17.1 | 1.20 | 1370 | 0.80 |
| 1049632 | 1.59 | 28.3 | 4.99 | 8.03 | 0.12 | <0.02 | 0.03 | 0.057 | 0.05 | 5.5 | 13.6 | 1.05 | 1160 | 0.57 |
| 1049633 | 1.59 | 170 | 5.06 | 7.63 | 0.15 | <0.02 | 0.03 | 0.070 | 0.08 | 8.2 | 20.8 | 1.67 | 3410 | 0.29 |
| 1049634 | 1.67 | 31.9 | 6.52 | 12.4 | 0.14 | 0.07 | 0.13 | 0.075 | 0.05 | 4.2 | 13.0 | 0.69 | 660 | 0.78 |
| 1049635 | 1.86 | 48.1 | 5.07 | 8.77 | 0.13 | 0.04 | 0.07 | 0.062 | 0.07 | 6.1 | 17.0 | 0.96 | 886 | 0.45 |
| 1049636 | 1.18 | 54.7 | 5.06 | 6.31 | 0.15 | <0.02 | 0.02 | 0.049 | 0.05 | 7.0 | 13.1 | 1.08 | 1300 | 0.36 |
| 1049637 | 1.43 | 22.5 | 5.41 | 9.65 | 0.14 | 0.09 | 0.05 | 0.056 | 0.05 | 4.5 | 18.2 | 0.56 | 510 | 0.51 |
| 1049638 | 2.54 | 108 | 5.25 | 9.51 | 0.15 | 0.05 | 0.07 | 0.071 | 0.07 | 13.4 | 36.1 | 1.07 | 1830 | 1.21 |
| 1049639 | 1.69 | 49.2 | 4.85 | 8.18 | 0.13 | 0.16 | 0.13 | 0.071 | 0.05 | 4.7 | 15.1 | 0.64 | 567 | 0.60 |
| 1049640 | 2.52 | 53.2 | 6.11 | 11.8 | 0.14 | 0.11 | 0.09 | 0.087 | 0.07 | 4.7 | 32.6 | 1.11 | 749 | 0.51 |
| 1049641 | 1.23 | 23.3 | 6.27 | 11.6 | 0.13 | 0.03 | 0.06 | 0.054 | 0.04 | 4.3 | 10.9 | 0.38 | 433 | 0.58 |
| 1049642 | 1.74 | 31.2 | 5.23 | 8.62 | 0.12 | 0.06 | 0.06 | 0.060 | 0.08 | 4.1 | 17.1 | 0.91 | 579 | 0.46 |
| 1049643 | 2.00 | 39.4 | 4.79 | 8.81 | 0.13 | <0.02 | 0.04 | 0.057 | 0.06 | 8.1 | 18.3 | 0.92 | 1210 | 0.57 |
| 1049644 | 1.80 | 29.4 | 4.23 | 5.95 | 0.13 | <0.02 | 0.03 | 0.049 | 0.05 | 7.6 | 17.0 | 0.73 | 1120 | 0.50 |
| 1049645 | 1.49 | 27.9 | 4.37 | 7.63 | 0.11 | 0.03 | 0.07 | 0.054 | 0.05 | 5.6 | 14.9 | 0.68 | 484 | 0.53 |
| 1049646 | 2.71 | 44.4 | 4.81 | 8.68 | 0.14 | 0.04 | 0.10 | 0.070 | 0.07 | 8.5 | 23.8 | 0.90 | 1250 | 0.63 |
| 1049647 | 1.36 | 27.9 | 4.26 | 6.55 | 0.13 | 0.02 | 0.04 | 0.045 | 0.05 | 5.9 | 12.4 | 0.65 | 659 | 0.40 |
| 1049651 | 1.73 | 32.0 | 4.57 | 7.95 | 0.14 | 0.07 | 0.07 | 0.059 | 0.05 | 4.6 | 16.3 | 0.67 | 548 | 0.58 |
| 1049652 | 2.44 | 42.5 | 5.44 | 9.31 | 0.17 | 0.08 | 0.14 | 0.095 | 0.06 | 12.7 | 45.2 | 0.82 | 827 | 0.46 |
| 1049653 | 1.42 | 36.4 | 4.34 | 5.94 | 0.11 | 0.18 | 0.09 | 0.060 | 0.06 | 2.9 | 18.1 | 0.73 | 605 | 0.52 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo |
|-------------------------|------|------|------|------|------|-------|------|-------|------|------|------|------|------|------|
| Unit: | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm |
| Sample Description RDL: | 0.05 | 0.1 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.1 | 0.1 | 0.01 | 1 | 0.05 |
| 1049654 | 2.07 | 36.7 | 6.11 | 12.0 | 0.14 | 0.03 | 0.06 | 0.070 | 0.07 | 5.3 | 23.5 | 0.97 | 849 | 0.75 |
| 1049655 | 1.78 | 44.1 | 3.91 | 10.5 | 0.12 | <0.02 | 0.06 | 0.066 | 0.04 | 3.7 | 7.7 | 0.28 | 1140 | 0.76 |
| 1049656 | 1.76 | 37.1 | 3.89 | 7.67 | 0.13 | 0.05 | 0.10 | 0.057 | 0.05 | 4.7 | 13.6 | 0.76 | 1790 | 0.75 |
| 1049657 | 1.65 | 30.6 | 5.09 | 10.8 | 0.13 | <0.02 | 0.07 | 0.063 | 0.05 | 4.1 | 13.6 | 0.66 | 694 | 0.68 |
| 1049658 | 1.85 | 36.2 | 4.62 | 11.0 | 0.13 | <0.02 | 0.13 | 0.064 | 0.04 | 4.4 | 16.7 | 0.76 | 866 | 0.96 |
| 1049659 | 2.68 | 33.9 | 4.43 | 12.3 | 0.11 | <0.02 | 0.03 | 0.056 | 0.06 | 6.1 | 22.3 | 1.06 | 1330 | 0.69 |
| 1049660 | 2.70 | 71.6 | 4.69 | 11.3 | 0.16 | 0.03 | 0.07 | 0.075 | 0.07 | 10.6 | 42.5 | 1.11 | 1450 | 0.54 |
| 1049661 | 1.58 | 34.9 | 4.06 | 9.24 | 0.13 | 0.04 | 0.08 | 0.061 | 0.04 | 7.0 | 16.8 | 0.81 | 1140 | 1.30 |
| 1049662 | 2.03 | 53.4 | 4.17 | 8.12 | 0.13 | 0.23 | 0.05 | 0.051 | 0.07 | 8.8 | 16.0 | 0.98 | 1320 | 0.36 |
| 1049663 | 2.06 | 47.6 | 4.11 | 8.26 | 0.14 | 0.13 | 0.07 | 0.053 | 0.06 | 4.1 | 19.2 | 0.97 | 788 | 0.52 |
| 1049664 | 2.46 | 46.8 | 4.00 | 8.35 | 0.14 | 0.02 | 0.03 | 0.051 | 0.06 | 7.2 | 24.4 | 1.02 | 1350 | 0.45 |
| 1049665 | 1.83 | 53.6 | 3.97 | 8.37 | 0.13 | 0.07 | 0.09 | 0.059 | 0.06 | 4.5 | 23.9 | 0.91 | 1210 | 0.55 |
| 1049666 | 2.86 | 82.4 | 4.88 | 8.47 | 0.14 | <0.02 | 0.07 | 0.116 | 0.07 | 6.0 | 17.8 | 0.56 | 4480 | 1.62 |
| 1049667 | 1.44 | 36.9 | 4.86 | 10.8 | 0.14 | 0.08 | 0.12 | 0.072 | 0.04 | 4.2 | 19.8 | 0.54 | 698 | 0.81 |
| 1049668 | 1.53 | 37.7 | 5.50 | 13.5 | 0.15 | 0.09 | 0.09 | 0.072 | 0.06 | 5.0 | 14.5 | 0.68 | 774 | 0.62 |
| 1049669 | 1.69 | 29.1 | 4.22 | 9.97 | 0.13 | 0.05 | 0.03 | 0.067 | 0.05 | 4.6 | 37.1 | 0.93 | 752 | 0.41 |
| 1049670 | 1.34 | 23.6 | 4.60 | 12.7 | 0.13 | 0.05 | 0.09 | 0.063 | 0.03 | 4.5 | 15.1 | 0.29 | 344 | 0.85 |
| 1049671 | 2.89 | 60.0 | 4.67 | 7.96 | 0.15 | 0.04 | 0.05 | 0.057 | 0.10 | 11.2 | 23.0 | 1.20 | 1570 | 0.46 |
| 1049672 | 1.38 | 19.5 | 5.17 | 10.0 | 0.14 | 0.10 | 0.10 | 0.071 | 0.04 | 4.3 | 20.3 | 0.51 | 436 | 0.82 |
| 1049673 | 1.64 | 35.2 | 4.47 | 9.51 | 0.16 | 0.04 | 0.08 | 0.060 | 0.05 | 14.6 | 24.5 | 0.65 | 593 | 0.43 |
| 1049674 | 1.59 | 26.4 | 4.80 | 8.53 | 0.13 | 0.10 | 0.07 | 0.069 | 0.05 | 4.2 | 19.1 | 0.66 | 482 | 0.59 |
| 1049675 | 2.42 | 41.8 | 4.74 | 10.4 | 0.15 | 0.04 | 0.07 | 0.075 | 0.10 | 9.0 | 30.6 | 1.10 | 860 | 0.42 |
| 1049676 | 1.80 | 23.7 | 4.48 | 10.2 | 0.12 | 0.03 | 0.07 | 0.047 | 0.06 | 5.5 | 13.6 | 0.53 | 426 | 0.57 |
| 1049677 | 1.73 | 30.7 | 4.95 | 9.49 | 0.13 | 0.13 | 0.10 | 0.068 | 0.06 | 4.5 | 18.3 | 0.72 | 696 | 0.68 |
| 1049678 | 1.91 | 39.0 | 4.73 | 7.88 | 0.16 | 0.05 | 0.03 | 0.052 | 0.08 | 6.9 | 19.4 | 1.11 | 1490 | 0.35 |
| 1049679 | 3.75 | 35.5 | 4.98 | 11.3 | 0.13 | 0.03 | 0.04 | 0.068 | 0.09 | 6.8 | 35.2 | 1.37 | 1800 | 0.52 |
| 1049680 | 3.29 | 27.3 | 4.85 | 9.06 | 0.13 | 0.02 | 0.05 | 0.058 | 0.08 | 7.3 | 27.9 | 0.94 | 5520 | 0.63 |
| 1049681 | 3.50 | 61.2 | 4.26 | 8.80 | 0.12 | <0.02 | 0.06 | 0.076 | 0.07 | 5.4 | 22.8 | 0.58 | 3880 | 0.59 |
| 1049682 | 2.65 | 64.2 | 5.56 | 16.2 | 0.13 | 0.05 | 0.07 | 0.065 | 0.07 | 7.8 | 23.6 | 0.83 | 775 | 0.88 |
| 1049683 | 3.32 | 28.7 | 5.20 | 5.53 | 0.15 | 0.03 | 0.06 | 0.213 | 0.12 | 9.7 | 13.6 | 0.43 | 5300 | 0.56 |
| 1049684 | 1.57 | 26.8 | 4.39 | 9.51 | 0.13 | 0.04 | 0.11 | 0.062 | 0.05 | 6.6 | 17.6 | 0.49 | 1890 | 1.19 |
| 1049685 | 2.57 | 27.5 | 6.01 | 15.2 | 0.13 | 0.08 | 0.09 | 0.066 | 0.07 | 7.6 | 18.3 | 0.83 | 796 | 2.03 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo |
|-------------------------|------|------|------|------|------|-------|------|-------|------|------|------|------|------|------|
| Unit: | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm |
| Sample Description RDL: | 0.05 | 0.1 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.1 | 0.1 | 0.01 | 1 | 0.05 |
| 1049686 | 2.14 | 41.1 | 4.84 | 11.0 | 0.12 | 0.06 | 0.11 | 0.065 | 0.06 | 5.2 | 24.5 | 0.89 | 951 | 0.88 |
| 1049687 | 2.24 | 29.2 | 4.69 | 10.1 | 0.11 | 0.03 | 0.09 | 0.060 | 0.06 | 5.0 | 34.5 | 0.86 | 791 | 0.45 |
| 1049688 | 1.83 | 223 | 4.20 | 14.9 | 0.17 | 0.06 | 0.07 | 0.073 | 0.04 | 6.0 | 37.5 | 3.40 | 6150 | 0.72 |
| 1049689 | 1.33 | 52.5 | 4.19 | 9.25 | 0.11 | 0.05 | 0.10 | 0.089 | 0.04 | 4.3 | 21.5 | 1.21 | 1550 | 1.24 |
| 1049690 | 1.00 | 23.7 | 4.98 | 13.6 | 0.13 | 0.03 | 0.07 | 0.050 | 0.04 | 3.8 | 10.4 | 0.48 | 718 | 0.82 |
| 1049691 | 1.33 | 64.9 | 5.02 | 7.95 | 0.14 | 0.10 | 0.09 | 0.083 | 0.05 | 6.9 | 21.7 | 0.89 | 1630 | 0.86 |
| 1049692 | 0.87 | 25.6 | 8.74 | 20.7 | 0.18 | 0.15 | 0.09 | 0.073 | 0.02 | 4.4 | 40.2 | 2.62 | 1960 | 0.72 |
| 1049693 | 1.37 | 32.8 | 6.47 | 16.3 | 0.16 | 0.12 | 0.08 | 0.072 | 0.03 | 5.5 | 77.8 | 3.37 | 3250 | 0.65 |
| 1049694 | 0.97 | 36.7 | 6.27 | 17.4 | 0.21 | 0.11 | 0.03 | 0.056 | 0.03 | 5.0 | 58.5 | 5.40 | 5150 | 1.00 |
| 1049696 | 1.67 | 25.2 | 7.03 | 16.9 | 0.18 | 0.08 | 0.04 | 0.047 | 0.03 | 4.8 | 62.6 | 4.12 | 5350 | 0.56 |
| 1049697 | 2.77 | 39.7 | 5.79 | 12.6 | 0.18 | 0.19 | 0.05 | 0.055 | 0.03 | 4.6 | 69.4 | 3.40 | 2820 | 0.45 |
| 1049540 | 0.97 | 24.8 | 5.13 | 12.3 | 0.12 | 0.04 | 0.09 | 0.056 | 0.04 | 4.2 | 15.5 | 0.63 | 574 | 0.82 |
| 1049541 | 1.64 | 25.8 | 4.39 | 9.26 | 0.13 | 0.03 | 0.08 | 0.065 | 0.04 | 5.3 | 16.0 | 0.54 | 737 | 0.74 |
| 1049542 | 1.01 | 34.6 | 3.73 | 7.22 | 0.14 | 0.07 | 0.10 | 0.062 | 0.04 | 6.4 | 13.9 | 0.50 | 644 | 0.86 |
| 1049543 | 1.24 | 47.0 | 4.21 | 10.1 | 0.13 | 0.02 | 0.04 | 0.044 | 0.05 | 6.6 | 27.9 | 2.86 | 1880 | 0.80 |
| 1049544 | 1.44 | 50.9 | 4.26 | 5.94 | 0.16 | 0.06 | 0.03 | 0.048 | 0.09 | 7.9 | 18.3 | 0.80 | 1500 | 0.50 |
| 1049545 | 1.19 | 31.7 | 3.99 | 6.04 | 0.14 | 0.10 | 0.11 | 0.067 | 0.04 | 7.3 | 14.8 | 0.51 | 1370 | 0.80 |
| 1049546 | 1.54 | 30.6 | 4.77 | 11.3 | 0.13 | 0.08 | 0.09 | 0.072 | 0.04 | 6.2 | 19.4 | 0.79 | 680 | 1.29 |
| 1049547 | 2.19 | 52.6 | 4.34 | 10.1 | 0.12 | 0.04 | 0.04 | 0.058 | 0.07 | 5.6 | 30.7 | 1.93 | 1790 | 0.36 |
| 1049548 | 1.17 | 52.5 | 4.71 | 7.81 | 0.12 | 0.06 | 0.06 | 0.067 | 0.04 | 4.8 | 14.3 | 0.80 | 1700 | 1.58 |
| 1049549 | 1.65 | 54.0 | 4.02 | 5.96 | 0.14 | 0.04 | 0.04 | 0.057 | 0.06 | 7.4 | 20.5 | 0.80 | 995 | 0.31 |
| 1049550 | 2.93 | 61.5 | 5.34 | 13.0 | 0.15 | 0.05 | 0.06 | 0.081 | 0.08 | 10.9 | 40.6 | 1.75 | 1410 | 0.53 |
| 1049751 | 1.34 | 20.2 | 5.04 | 14.4 | 0.12 | 0.03 | 0.04 | 0.057 | 0.03 | 4.3 | 65.9 | 2.67 | 1880 | 0.42 |
| 1049752 | 0.75 | 18.8 | 5.38 | 9.92 | 0.12 | 0.02 | 0.06 | 0.075 | 0.02 | 6.5 | 50.4 | 0.46 | 581 | 0.63 |
| 1049753 | 1.02 | 97.8 | 4.77 | 5.90 | 0.13 | 0.02 | 0.04 | 0.046 | 0.05 | 6.0 | 18.8 | 1.41 | 2460 | 1.32 |
| 1049754 | 0.95 | 69.1 | 5.70 | 12.4 | 0.14 | <0.02 | 0.07 | 0.056 | 0.03 | 4.7 | 39.7 | 2.82 | 4190 | 0.71 |
| 1049755 | 0.74 | 24.7 | 4.34 | 5.53 | 0.12 | 0.13 | 0.13 | 0.084 | 0.03 | 3.2 | 17.3 | 0.49 | 539 | 0.64 |
| 1049756 | 1.27 | 116 | 4.20 | 5.62 | 0.13 | <0.02 | 0.04 | 0.049 | 0.06 | 5.6 | 20.4 | 1.15 | 2680 | 0.38 |
| 1049757 | 2.35 | 550 | 5.55 | 10.2 | 0.14 | 0.03 | 0.10 | 0.077 | 0.07 | 10.4 | 51.0 | 1.82 | 3140 | 0.66 |
| 1049758 | 1.30 | 82.6 | 4.69 | 7.62 | 0.12 | <0.02 | 0.04 | 0.057 | 0.06 | 4.3 | 24.2 | 1.17 | 2280 | 0.53 |
| 1049759 | 1.21 | 90.7 | 4.30 | 5.17 | 0.15 | 0.06 | 0.03 | 0.050 | 0.08 | 7.8 | 14.1 | 0.95 | 2000 | 0.43 |
| 1049760 | 1.37 | 28.4 | 4.35 | 7.65 | 0.11 | <0.02 | 0.06 | 0.060 | 0.04 | 4.1 | 37.6 | 0.97 | 1110 | 0.37 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

| DATE SAMPLED: Aug 30, 2011 | DATE RECEIVED: Sep 06, 2011 | | | | | DATE REPORTED: Sep 20, 2011 | | | | | SAMPLE TYPE: Soil | | | | |
|----------------------------|-----------------------------|------|------|------|------|-----------------------------|------|-------|------|------|-------------------|------|------|------|--|
| Analyte: | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo | |
| Unit: | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | |
| Sample Description RDL: | 0.05 | 0.1 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.1 | 0.1 | 0.01 | 1 | 0.05 | |
| 1049761 | 2.41 | 35.4 | 5.22 | 11.8 | 0.12 | 0.03 | 0.05 | 0.042 | 0.08 | 2.7 | 33.1 | 2.38 | 2090 | 0.72 | |
| 1049762 | 7.11 | 238 | 6.13 | 16.0 | 0.13 | 0.07 | 0.06 | 0.049 | 0.04 | 3.5 | 93.0 | 3.38 | 1550 | 0.73 | |
| 1049763 | 1.28 | 20.3 | 4.39 | 7.69 | 0.12 | <0.02 | 0.06 | 0.062 | 0.05 | 3.7 | 26.7 | 0.70 | 935 | 0.43 | |
| 1049764 | 1.51 | 25.6 | 5.45 | 9.73 | 0.11 | <0.02 | 0.08 | 0.066 | 0.06 | 4.3 | 28.9 | 0.97 | 1530 | 0.63 | |
| 1049765 | 1.57 | 38.4 | 3.99 | 6.56 | 0.13 | 0.03 | 0.07 | 0.057 | 0.06 | 9.4 | 34.5 | 1.22 | 1920 | 0.35 | |
| 1049766 | 1.14 | 26.0 | 5.47 | 10.1 | 0.15 | 0.06 | 0.05 | 0.075 | 0.04 | 3.4 | 12.7 | 0.66 | 577 | 0.79 | |
| 1049767 | 1.44 | 43.0 | 4.11 | 4.41 | 0.14 | <0.02 | 0.02 | 0.057 | 0.08 | 5.5 | 9.0 | 0.76 | 2030 | 0.30 | |
| 1049768 | 2.01 | 54.0 | 4.39 | 7.89 | 0.13 | 0.02 | 0.07 | 0.056 | 0.06 | 7.3 | 35.0 | 0.79 | 1160 | 0.44 | |
| 1049769 | 2.92 | 50.0 | 4.45 | 8.30 | 0.15 | 0.04 | 0.05 | 0.054 | 0.09 | 6.4 | 15.3 | 1.01 | 2440 | 0.52 | |
| 1049770 | 2.58 | 39.5 | 4.58 | 8.10 | 0.13 | 0.03 | 0.04 | 0.055 | 0.09 | 6.9 | 20.4 | 1.04 | 1660 | 0.37 | |
| 1049771 | 1.97 | 65.6 | 4.99 | 10.2 | 0.14 | 0.09 | 0.10 | 0.073 | 0.08 | 3.0 | 37.1 | 1.09 | 750 | 0.48 | |
| 1049772 | 3.77 | 28.8 | 5.12 | 8.21 | 0.14 | <0.02 | 0.07 | 0.079 | 0.11 | 4.0 | 14.6 | 0.61 | 615 | 1.49 | |
| 1049773 | 1.58 | 24.4 | 4.32 | 9.62 | 0.12 | <0.02 | 0.09 | 0.052 | 0.06 | 4.4 | 19.3 | 0.51 | 409 | 0.58 | |
| 1049774 | 1.23 | 40.0 | 4.21 | 6.98 | 0.15 | 0.08 | 0.09 | 0.047 | 0.06 | 4.5 | 11.6 | 0.82 | 547 | 0.48 | |
| 1049775 | 3.97 | 264 | 4.60 | 9.15 | 0.14 | 0.06 | 0.10 | 0.072 | 0.07 | 10.2 | 42.3 | 0.84 | 1440 | 0.78 | |
| 1049776 | 3.31 | 58.7 | 3.94 | 7.91 | 0.16 | 0.02 | 0.05 | 0.057 | 0.08 | 9.8 | 16.6 | 0.83 | 1440 | 0.54 | |
| 1049777 | 2.24 | 598 | 6.04 | 13.5 | 0.17 | 0.04 | 0.07 | 0.063 | 0.07 | 11.9 | 28.2 | 2.18 | 6520 | 0.52 | |
| 1049778 | 3.44 | 2300 | 4.57 | 10.5 | 0.20 | 0.05 | 0.05 | 0.069 | 0.16 | 28.3 | 21.5 | 1.62 | 5760 | 0.84 | |
| 1049779 | 3.67 | 753 | 5.37 | 8.86 | 0.16 | 0.02 | 0.03 | 0.064 | 0.14 | 8.2 | 22.0 | 1.94 | 5050 | 0.33 | |
| 1049780 | 1.26 | 25.9 | 4.72 | 7.93 | 0.14 | <0.02 | 0.03 | 0.058 | 0.04 | 2.9 | 6.2 | 0.36 | 1030 | 0.59 | |
| 1049781 | 2.64 | 243 | 5.55 | 11.4 | 0.15 | <0.02 | 0.04 | 0.096 | 0.06 | 3.3 | 24.4 | 1.29 | 1910 | 0.52 | |
| 1049782 | 1.66 | 335 | 5.25 | 9.65 | 0.16 | 0.03 | 0.06 | 0.063 | 0.08 | 9.6 | 18.8 | 1.86 | 4160 | 0.46 | |
| 1049783 | 0.58 | 20.2 | 5.63 | 11.2 | 0.15 | <0.02 | 0.11 | 0.057 | 0.03 | 3.2 | 7.9 | 0.41 | 1140 | 0.69 | |
| 1049784 | 2.13 | 84.7 | 4.71 | 7.82 | 0.17 | 0.02 | 0.09 | 0.079 | 0.07 | 7.3 | 21.9 | 0.90 | 1160 | 0.42 | |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

| DATE SAMPLED: Aug 30, 2011 | DATE RECEIVED: Sep 06, 2011 | | | | DATE REPORTED: Sep 20, 2011 | | | | SAMPLE TYPE: Soil | | | | | |
|----------------------------|-----------------------------|------|------|------|-----------------------------|-----|--------|-------|-------------------|------|------|-----|------|-------|
| Analyte: | Na | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta |
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| RDL: | 0.01 | 0.05 | 0.2 | 10 | 0.1 | 0.1 | 0.001 | 0.005 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 |
| 1049619 | 0.01 | 0.98 | 14.6 | 1030 | 5.7 | 5.1 | <0.001 | 0.061 | 0.33 | 6.0 | 0.7 | 0.6 | 26.4 | 0.01 |
| 1049620 | 0.03 | 0.64 | 20.2 | 807 | 12.6 | 5.4 | 0.002 | 0.035 | 0.46 | 8.6 | 0.6 | 0.7 | 37.0 | 0.01 |
| 1049621 | 0.01 | 1.24 | 8.2 | 685 | 6.5 | 3.7 | <0.001 | 0.041 | 0.35 | 3.4 | 0.3 | 0.7 | 36.4 | 0.01 |
| 1049622 | 0.01 | 2.65 | 14.4 | 615 | 6.9 | 4.7 | <0.001 | 0.039 | 0.42 | 5.9 | 0.6 | 0.8 | 22.7 | 0.01 |
| 1049623 | 0.01 | 3.06 | 16.8 | 877 | 8.3 | 6.3 | <0.001 | 0.031 | 0.45 | 6.8 | 0.6 | 1.0 | 19.3 | 0.01 |
| 1049624 | 0.02 | 0.72 | 18.8 | 626 | 7.3 | 5.8 | 0.002 | 0.029 | 0.37 | 7.9 | 0.3 | 0.7 | 47.1 | 0.02 |
| 1049625 | 0.02 | 2.63 | 19.4 | 224 | 11.4 | 4.1 | <0.001 | 0.023 | 0.37 | 7.9 | 0.4 | 1.2 | 63.4 | 0.02 |
| 1049626 | 0.02 | 1.29 | 21.6 | 428 | 6.8 | 5.0 | 0.001 | 0.035 | 0.46 | 10.5 | 0.5 | 0.7 | 35.2 | 0.02 |
| 1049627 | 0.01 | 2.48 | 14.5 | 777 | 6.9 | 5.2 | <0.001 | 0.041 | 0.36 | 5.7 | 0.2 | 0.9 | 29.7 | 0.02 |
| 1049628 | 0.02 | 0.72 | 15.7 | 605 | 34.0 | 5.6 | 0.002 | 0.056 | 0.43 | 5.9 | 1.6 | 0.7 | 52.1 | 0.01 |
| 1049629 | 0.01 | 1.36 | 9.1 | 576 | 32.0 | 3.1 | <0.001 | 0.037 | 0.44 | 3.8 | 0.3 | 0.7 | 12.9 | <0.01 |
| 1049630 | 0.01 | 1.99 | 16.4 | 729 | 7.1 | 5.8 | <0.001 | 0.056 | 0.36 | 5.2 | 0.6 | 1.0 | 32.5 | <0.01 |
| 1049631 | 0.01 | 1.61 | 23.5 | 558 | 10.3 | 6.1 | 0.001 | 0.053 | 0.42 | 8.2 | 0.5 | 0.8 | 29.1 | <0.01 |
| 1049632 | 0.02 | 0.63 | 15.4 | 351 | 14.1 | 3.9 | <0.001 | 0.027 | 0.37 | 5.3 | <0.2 | 0.7 | 35.4 | <0.01 |
| 1049633 | 0.02 | 0.42 | 28.9 | 969 | 10.5 | 6.3 | 0.001 | 0.013 | 0.45 | 12.1 | <0.2 | 0.7 | 10.5 | <0.01 |
| 1049634 | 0.01 | 2.75 | 11.9 | 828 | 6.5 | 4.3 | <0.001 | 0.035 | 0.40 | 7.2 | 0.4 | 0.8 | 23.7 | 0.03 |
| 1049635 | 0.02 | 1.01 | 20.5 | 607 | 6.3 | 5.0 | 0.001 | 0.033 | 0.36 | 9.9 | 0.4 | 0.6 | 63.2 | <0.01 |
| 1049636 | 0.03 | 0.63 | 18.2 | 503 | 13.7 | 4.4 | <0.001 | 0.014 | 0.49 | 7.7 | <0.2 | 0.7 | 33.6 | <0.01 |
| 1049637 | 0.01 | 1.17 | 13.6 | 545 | 8.4 | 5.4 | <0.001 | 0.014 | 0.42 | 5.3 | <0.2 | 0.7 | 17.0 | <0.01 |
| 1049638 | 0.03 | 1.20 | 22.6 | 356 | 14.1 | 6.4 | 0.002 | 0.039 | 0.48 | 13.0 | 0.7 | 0.7 | 49.9 | <0.01 |
| 1049639 | 0.01 | 1.62 | 16.7 | 349 | 21.9 | 4.5 | 0.001 | 0.031 | 0.34 | 8.9 | 0.6 | 0.6 | 35.9 | 0.02 |
| 1049640 | 0.02 | 1.52 | 24.6 | 611 | 44.4 | 6.8 | <0.001 | 0.024 | 0.44 | 11.0 | 0.5 | 0.7 | 38.8 | 0.01 |
| 1049641 | 0.01 | 1.57 | 9.4 | 440 | 10.5 | 4.5 | <0.001 | 0.021 | 0.44 | 5.1 | <0.2 | 0.9 | 25.6 | <0.01 |
| 1049642 | 0.02 | 1.06 | 19.3 | 338 | 7.8 | 6.0 | <0.001 | 0.014 | 0.49 | 7.8 | <0.2 | 0.6 | 39.1 | <0.01 |
| 1049643 | 0.02 | 0.97 | 17.7 | 424 | 10.4 | 6.1 | 0.001 | 0.031 | 0.42 | 6.7 | <0.2 | 0.7 | 60.0 | <0.01 |
| 1049644 | 0.02 | 0.54 | 13.7 | 258 | 7.9 | 5.5 | 0.001 | 0.018 | 0.47 | 8.3 | 0.3 | 0.7 | 46.4 | <0.01 |
| 1049645 | 0.02 | 1.76 | 15.2 | 307 | 6.4 | 4.6 | <0.001 | 0.028 | 0.43 | 6.8 | 0.3 | 0.7 | 46.6 | 0.02 |
| 1049646 | 0.02 | 1.46 | 21.7 | 870 | 7.0 | 6.2 | 0.002 | 0.034 | 0.45 | 9.9 | 0.7 | 0.7 | 45.1 | 0.02 |
| 1049647 | 0.01 | 0.89 | 15.8 | 331 | 6.4 | 5.0 | <0.001 | 0.022 | 0.43 | 6.9 | <0.2 | 0.6 | 48.5 | <0.01 |
| 1049651 | 0.01 | 2.12 | 19.1 | 612 | 6.6 | 5.4 | <0.001 | 0.020 | 0.47 | 8.0 | 0.4 | 0.7 | 33.1 | 0.03 |
| 1049652 | 0.02 | 1.43 | 19.7 | 650 | 7.3 | 5.3 | 0.004 | 0.044 | 0.56 | 20.7 | 1.3 | 0.7 | 69.0 | 0.02 |
| 1049653 | 0.01 | 1.19 | 17.4 | 478 | 5.1 | 4.3 | <0.001 | 0.031 | 0.37 | 6.0 | 0.6 | 0.5 | 27.9 | <0.01 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Na | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta |
|-------------------------|------|------|------|------|------|------|--------|-------|------|------|------|-----|------|-------|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.05 | 0.2 | 10 | 0.1 | 0.1 | 0.001 | 0.005 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 |
| 1049654 | 0.01 | 2.35 | 22.0 | 636 | 7.0 | 6.0 | <0.001 | 0.027 | 0.43 | 7.3 | 0.2 | 0.9 | 44.1 | <0.01 |
| 1049655 | 0.01 | 2.12 | 5.9 | 661 | 12.7 | 5.1 | <0.001 | 0.028 | 0.35 | 2.8 | <0.2 | 1.2 | 19.3 | <0.01 |
| 1049656 | 0.02 | 1.70 | 16.6 | 1160 | 5.1 | 4.3 | <0.001 | 0.043 | 0.36 | 7.3 | 0.7 | 0.6 | 41.9 | 0.03 |
| 1049657 | 0.01 | 1.52 | 14.9 | 1270 | 7.7 | 5.1 | <0.001 | 0.031 | 0.47 | 5.2 | 0.2 | 0.7 | 17.5 | <0.01 |
| 1049658 | 0.01 | 1.88 | 16.9 | 840 | 5.9 | 3.9 | <0.001 | 0.048 | 0.36 | 4.4 | 0.5 | 0.9 | 30.5 | 0.02 |
| 1049659 | 0.02 | 1.61 | 19.0 | 494 | 7.5 | 6.5 | <0.001 | 0.035 | 0.36 | 6.1 | <0.2 | 1.1 | 53.7 | 0.01 |
| 1049660 | 0.02 | 1.19 | 26.4 | 462 | 7.2 | 6.1 | 0.002 | 0.038 | 0.43 | 11.1 | 1.1 | 0.8 | 71.2 | 0.02 |
| 1049661 | 0.01 | 2.95 | 15.0 | 489 | 5.8 | 3.4 | <0.001 | 0.044 | 0.36 | 6.3 | 0.6 | 0.8 | 25.4 | 0.03 |
| 1049662 | 0.01 | 0.58 | 21.4 | 560 | 6.2 | 5.0 | 0.001 | 0.009 | 0.42 | 15.0 | 0.3 | 0.6 | 54.5 | 0.01 |
| 1049663 | 0.02 | 1.79 | 23.3 | 814 | 6.0 | 6.0 | <0.001 | 0.022 | 0.41 | 9.7 | 0.5 | 0.6 | 48.4 | 0.02 |
| 1049664 | 0.03 | 0.61 | 20.9 | 717 | 22.6 | 5.7 | 0.001 | 0.039 | 0.38 | 7.9 | 0.6 | 0.7 | 58.4 | 0.01 |
| 1049665 | 0.02 | 1.14 | 24.3 | 894 | 8.5 | 4.6 | <0.001 | 0.021 | 0.38 | 9.7 | 0.6 | 0.6 | 41.6 | 0.01 |
| 1049666 | 0.01 | 0.65 | 11.9 | 796 | 108 | 16.5 | 0.001 | 0.010 | 0.36 | 11.5 | <0.2 | 1.4 | 18.3 | <0.01 |
| 1049667 | 0.01 | 1.56 | 15.7 | 848 | 10.4 | 6.0 | <0.001 | 0.018 | 0.36 | 6.6 | 0.3 | 0.8 | 26.3 | <0.01 |
| 1049668 | 0.02 | 1.74 | 18.3 | 1050 | 9.5 | 5.8 | <0.001 | 0.037 | 0.44 | 8.2 | 0.3 | 0.8 | 44.4 | 0.01 |
| 1049669 | 0.02 | 1.31 | 23.5 | 225 | 7.7 | 4.7 | 0.001 | 0.018 | 0.27 | 9.1 | 0.4 | 0.7 | 64.6 | <0.01 |
| 1049670 | 0.01 | 4.38 | 8.4 | 493 | 9.2 | 4.8 | <0.001 | 0.031 | 0.33 | 4.7 | <0.2 | 1.3 | 32.0 | 0.01 |
| 1049671 | 0.03 | 0.70 | 24.6 | 436 | 38.8 | 8.3 | 0.002 | 0.031 | 0.39 | 14.3 | 0.6 | 0.6 | 76.8 | <0.01 |
| 1049672 | 0.02 | 3.94 | 12.7 | 394 | 6.7 | 4.1 | <0.001 | 0.045 | 0.33 | 6.5 | 0.4 | 0.8 | 37.9 | 0.06 |
| 1049673 | 0.02 | 1.47 | 15.0 | 300 | 8.5 | 4.8 | 0.002 | 0.030 | 0.41 | 10.4 | 0.7 | 0.9 | 48.3 | 0.01 |
| 1049674 | 0.02 | 2.22 | 18.8 | 397 | 6.6 | 5.3 | <0.001 | 0.024 | 0.41 | 8.1 | 0.5 | 0.7 | 30.7 | 0.02 |
| 1049675 | 0.03 | 1.48 | 25.4 | 429 | 7.1 | 8.4 | 0.001 | 0.043 | 0.45 | 11.3 | 1.3 | 0.7 | 71.2 | <0.01 |
| 1049676 | 0.01 | 1.58 | 12.5 | 357 | 8.6 | 6.7 | <0.001 | 0.035 | 0.38 | 4.9 | 0.3 | 1.0 | 37.7 | <0.01 |
| 1049677 | 0.02 | 2.36 | 15.4 | 696 | 6.1 | 5.2 | <0.001 | 0.036 | 0.33 | 8.0 | 0.7 | 0.7 | 50.6 | 0.03 |
| 1049678 | 0.03 | 0.81 | 24.2 | 436 | 7.1 | 6.1 | 0.001 | 0.020 | 0.39 | 11.1 | 0.3 | 0.6 | 64.8 | <0.01 |
| 1049679 | 0.02 | 1.31 | 27.0 | 523 | 7.5 | 10.3 | 0.001 | 0.051 | 0.34 | 8.2 | 0.7 | 0.9 | 54.3 | <0.01 |
| 1049680 | 0.02 | 0.57 | 18.5 | 1060 | 7.7 | 9.2 | 0.002 | 0.104 | 0.33 | 5.2 | 0.9 | 0.7 | 60.6 | <0.01 |
| 1049681 | 0.01 | 0.31 | 11.6 | 1030 | 19.6 | 10.9 | <0.001 | 0.071 | 0.36 | 3.6 | 0.5 | 0.9 | 12.9 | <0.01 |
| 1049682 | 0.01 | 3.68 | 11.7 | 299 | 11.0 | 8.0 | <0.001 | 0.020 | 0.35 | 8.8 | 0.5 | 1.4 | 20.2 | <0.01 |
| 1049683 | 0.01 | 0.33 | 7.3 | 711 | 17.6 | 12.2 | 0.003 | 0.027 | 0.87 | 16.6 | 0.4 | 2.0 | 14.4 | <0.01 |
| 1049684 | 0.01 | 4.64 | 12.1 | 600 | 6.6 | 6.0 | <0.001 | 0.036 | 0.40 | 5.5 | 0.7 | 1.2 | 25.0 | 0.07 |
| 1049685 | 0.01 | 9.01 | 16.1 | 301 | 8.7 | 8.4 | 0.001 | 0.039 | 0.46 | 6.3 | 0.5 | 1.8 | 33.0 | 0.02 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Na | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta |
|-------------------------|------|------|------|------|------|-----|--------|-------|------|------|------|-----|------|-------|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.05 | 0.2 | 10 | 0.1 | 0.1 | 0.001 | 0.005 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 |
| 1049686 | 0.02 | 3.47 | 21.3 | 484 | 6.5 | 6.7 | <0.001 | 0.041 | 0.37 | 7.6 | 0.5 | 1.0 | 39.5 | 0.02 |
| 1049687 | 0.01 | 1.10 | 14.9 | 314 | 7.6 | 5.6 | <0.001 | 0.030 | 0.40 | 5.6 | 0.3 | 0.7 | 39.4 | <0.01 |
| 1049688 | 0.03 | 0.83 | 58.6 | 842 | 24.0 | 3.8 | 0.001 | 0.111 | 0.30 | 12.8 | 0.5 | 0.5 | 43.7 | <0.01 |
| 1049689 | 0.02 | 1.51 | 22.9 | 584 | 8.7 | 3.6 | <0.001 | 0.060 | 0.36 | 5.5 | 0.8 | 0.7 | 31.9 | 0.02 |
| 1049690 | 0.01 | 3.55 | 10.4 | 482 | 21.5 | 4.3 | <0.001 | 0.030 | 0.39 | 3.8 | <0.2 | 1.3 | 21.1 | <0.01 |
| 1049691 | 0.02 | 1.37 | 22.5 | 541 | 17.1 | 5.0 | 0.001 | 0.023 | 0.47 | 13.2 | 0.5 | 0.6 | 27.2 | 0.02 |
| 1049692 | 0.02 | 2.91 | 39.1 | 615 | 14.5 | 2.4 | <0.001 | 0.024 | 0.57 | 9.9 | 0.5 | 1.0 | 17.7 | 0.02 |
| 1049693 | 0.02 | 2.63 | 53.5 | 487 | 11.2 | 2.6 | <0.001 | 0.021 | 0.50 | 13.3 | 0.2 | 0.9 | 27.4 | <0.01 |
| 1049694 | 0.01 | 1.05 | 72.4 | 496 | 12.6 | 2.8 | <0.001 | 0.024 | 0.38 | 14.7 | <0.2 | 0.6 | 12.9 | <0.01 |
| 1049696 | 0.01 | 0.94 | 56.6 | 353 | 10.2 | 5.1 | <0.001 | 0.019 | 0.33 | 10.9 | <0.2 | 0.8 | 42.9 | <0.01 |
| 1049697 | 0.05 | 1.41 | 57.4 | 603 | 8.7 | 3.3 | <0.001 | 0.021 | 0.88 | 12.8 | <0.2 | 0.6 | 40.7 | <0.01 |
| 1049540 | 0.01 | 2.12 | 10.4 | 685 | 9.3 | 3.0 | <0.001 | 0.040 | 0.42 | 4.3 | <0.2 | 0.8 | 21.3 | 0.01 |
| 1049541 | 0.01 | 1.05 | 9.8 | 893 | 6.8 | 4.9 | <0.001 | 0.054 | 0.34 | 5.0 | 0.7 | 0.6 | 30.2 | 0.01 |
| 1049542 | 0.01 | 1.56 | 10.2 | 833 | 5.4 | 2.7 | <0.001 | 0.079 | 0.36 | 5.2 | 0.7 | 0.5 | 34.0 | 0.05 |
| 1049543 | 0.07 | 0.73 | 50.7 | 1020 | 6.1 | 4.1 | 0.001 | 0.116 | 0.22 | 6.7 | 1.3 | 0.5 | 58.1 | <0.01 |
| 1049544 | 0.05 | 0.61 | 16.3 | 516 | 13.0 | 4.4 | 0.001 | 0.022 | 0.39 | 11.0 | 0.2 | 0.6 | 80.2 | <0.01 |
| 1049545 | 0.02 | 1.05 | 11.7 | 774 | 5.6 | 3.3 | 0.001 | 0.058 | 0.50 | 8.1 | 0.9 | 0.4 | 36.7 | 0.02 |
| 1049546 | 0.01 | 6.33 | 15.8 | 843 | 5.9 | 4.0 | <0.001 | 0.063 | 0.32 | 4.2 | 0.6 | 1.3 | 27.1 | 0.07 |
| 1049547 | 0.02 | 1.22 | 35.2 | 703 | 8.1 | 6.9 | <0.001 | 0.048 | 0.32 | 10.8 | 0.5 | 0.7 | 50.1 | <0.01 |
| 1049548 | 0.01 | 1.39 | 15.2 | 529 | 24.1 | 2.9 | <0.001 | 0.047 | 0.37 | 5.4 | 0.4 | 0.6 | 28.6 | 0.01 |
| 1049549 | 0.01 | 0.62 | 16.1 | 424 | 14.5 | 4.5 | 0.002 | 0.015 | 0.42 | 13.1 | 0.3 | 0.7 | 22.2 | 0.01 |
| 1049550 | 0.02 | 1.63 | 28.4 | 663 | 7.8 | 7.5 | 0.002 | 0.078 | 0.34 | 8.0 | 0.7 | 0.8 | 46.3 | 0.01 |
| 1049751 | 0.02 | 1.18 | 38.9 | 378 | 10.3 | 5.0 | <0.001 | 0.025 | 0.38 | 9.2 | 0.2 | 0.7 | 34.3 | <0.01 |
| 1049752 | 0.02 | 3.66 | 10.0 | 513 | 10.4 | 3.2 | <0.001 | 0.042 | 0.39 | 3.7 | 0.5 | 1.2 | 82.1 | 0.01 |
| 1049753 | 0.05 | 0.37 | 23.2 | 588 | 22.3 | 3.8 | <0.001 | 0.015 | 0.57 | 9.7 | 0.3 | 0.5 | 17.8 | <0.01 |
| 1049754 | 0.01 | 0.43 | 41.1 | 521 | 41.3 | 3.2 | <0.001 | 0.034 | 0.39 | 11.8 | 0.3 | 0.6 | 23.0 | <0.01 |
| 1049755 | 0.01 | 1.54 | 10.3 | 534 | 8.5 | 3.2 | <0.001 | 0.046 | 0.30 | 5.3 | 0.2 | 0.4 | 25.2 | 0.04 |
| 1049756 | 0.03 | 0.29 | 19.1 | 526 | 31.4 | 4.7 | <0.001 | 0.020 | 0.47 | 9.1 | 0.3 | 0.6 | 37.9 | <0.01 |
| 1049757 | 0.02 | 0.67 | 32.1 | 507 | 163 | 6.1 | 0.002 | 0.045 | 0.46 | 15.4 | 1.1 | 0.6 | 32.4 | <0.01 |
| 1049758 | 0.03 | 0.40 | 20.0 | 433 | 32.4 | 5.0 | <0.001 | 0.032 | 0.40 | 6.1 | <0.2 | 0.6 | 44.1 | <0.01 |
| 1049759 | 0.06 | 0.46 | 16.8 | 464 | 14.6 | 3.5 | 0.001 | 0.013 | 0.55 | 16.0 | 0.3 | 0.6 | 73.1 | <0.01 |
| 1049760 | 0.02 | 0.54 | 18.5 | 466 | 9.5 | 4.8 | <0.001 | 0.025 | 0.62 | 6.6 | 0.8 | 0.7 | 66.5 | <0.01 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Na | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta |
|-------------------------|-------|------|------|------|------|------|--------|-------|------|------|------|-----|------|-------|
| Unit: | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.05 | 0.2 | 10 | 0.1 | 0.1 | 0.001 | 0.005 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 |
| 1049761 | 0.15 | 1.13 | 43.1 | 1070 | 5.8 | 3.5 | <0.001 | 0.026 | 0.27 | 5.9 | 0.5 | 0.6 | 55.9 | 0.01 |
| 1049762 | 0.06 | 1.31 | 74.4 | 748 | 7.0 | 4.9 | <0.001 | 0.016 | 0.46 | 6.8 | 0.5 | 0.7 | 44.5 | 0.01 |
| 1049763 | 0.02 | 0.83 | 15.4 | 449 | 6.8 | 4.4 | <0.001 | 0.018 | 0.49 | 6.8 | <0.2 | 0.7 | 36.4 | <0.01 |
| 1049764 | 0.02 | 1.28 | 18.3 | 638 | 9.0 | 10.5 | <0.001 | 0.012 | 0.61 | 7.1 | <0.2 | 0.8 | 14.9 | <0.01 |
| 1049765 | 0.03 | 0.65 | 21.5 | 442 | 9.2 | 5.1 | 0.002 | 0.038 | 0.51 | 14.0 | 1.1 | 0.6 | 59.3 | <0.01 |
| 1049766 | 0.01 | 2.25 | 14.1 | 274 | 9.5 | 4.8 | <0.001 | 0.022 | 0.41 | 5.5 | 0.2 | 0.7 | 30.2 | 0.04 |
| 1049767 | 0.03 | 0.39 | 12.5 | 505 | 11.6 | 4.2 | <0.001 | 0.011 | 0.46 | 8.8 | <0.2 | 0.6 | 22.4 | <0.01 |
| 1049768 | 0.02 | 0.83 | 17.1 | 414 | 7.0 | 4.6 | 0.001 | 0.034 | 0.41 | 6.7 | 0.7 | 0.6 | 65.4 | 0.02 |
| 1049769 | 0.03 | 0.60 | 19.7 | 497 | 7.2 | 8.0 | 0.001 | 0.033 | 0.34 | 8.5 | 0.4 | 0.7 | 86.0 | <0.01 |
| 1049770 | 0.03 | 0.61 | 20.4 | 409 | 7.3 | 8.0 | 0.001 | 0.027 | 0.48 | 8.5 | 0.4 | 0.7 | 78.5 | <0.01 |
| 1049771 | 0.02 | 0.89 | 30.9 | 434 | 6.5 | 5.0 | <0.001 | 0.014 | 0.34 | 9.2 | 0.5 | 0.6 | 31.8 | <0.01 |
| 1049772 | <0.01 | 0.52 | 9.3 | 770 | 17.0 | 24.2 | <0.001 | 0.013 | 1.13 | 6.1 | <0.2 | 0.9 | 10.9 | <0.01 |
| 1049773 | 0.02 | 1.55 | 10.5 | 532 | 7.6 | 4.7 | <0.001 | 0.032 | 0.44 | 5.2 | 0.7 | 0.9 | 75.6 | 0.02 |
| 1049774 | 0.02 | 1.16 | 21.3 | 387 | 5.2 | 3.6 | <0.001 | 0.020 | 0.39 | 10.1 | 0.4 | 0.5 | 51.5 | 0.02 |
| 1049775 | 0.02 | 1.86 | 24.0 | 414 | 8.7 | 5.7 | 0.003 | 0.038 | 0.46 | 15.9 | 1.3 | 0.9 | 53.4 | 0.02 |
| 1049776 | 0.02 | 1.17 | 17.9 | 407 | 9.8 | 8.5 | 0.001 | 0.029 | 0.43 | 7.8 | 0.4 | 0.9 | 35.2 | 0.02 |
| 1049777 | 0.01 | 0.32 | 35.2 | 495 | 26.9 | 7.5 | 0.002 | 0.026 | 0.37 | 18.5 | 0.4 | 0.6 | 49.4 | <0.01 |
| 1049778 | 0.01 | 0.36 | 16.9 | 710 | 357 | 11.1 | 0.003 | 0.032 | 0.50 | 15.9 | 0.4 | 0.7 | 48.3 | <0.01 |
| 1049779 | 0.01 | 0.31 | 24.5 | 684 | 19.6 | 8.6 | 0.002 | 0.024 | 0.32 | 18.5 | <0.2 | 0.6 | 45.3 | <0.01 |
| 1049780 | 0.01 | 0.39 | 4.2 | 533 | 8.2 | 4.3 | <0.001 | 0.013 | 0.59 | 4.6 | <0.2 | 1.1 | 8.6 | <0.01 |
| 1049781 | 0.01 | 0.46 | 14.8 | 220 | 41.2 | 6.3 | <0.001 | 0.012 | 0.52 | 8.5 | 0.3 | 0.8 | 12.9 | <0.01 |
| 1049782 | 0.03 | 0.29 | 23.4 | 710 | 134 | 6.8 | 0.001 | 0.027 | 0.45 | 11.7 | <0.2 | 0.6 | 46.2 | <0.01 |
| 1049783 | 0.01 | 2.35 | 6.5 | 638 | 11.5 | 2.8 | <0.001 | 0.034 | 0.35 | 3.1 | <0.2 | 0.8 | 12.9 | <0.01 |
| 1049784 | 0.02 | 0.37 | 15.2 | 375 | 7.8 | 6.4 | 0.002 | 0.018 | 0.52 | 12.7 | 0.3 | 0.7 | 22.7 | <0.01 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Te | Th | Ti | Tl | U | V | W | Y | Zn | Zr |
|-------------------------|------|-----|-------|------|------|------|------|------|------|------|
| Unit: | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.1 | 0.005 | 0.02 | 0.05 | 0.5 | 0.05 | 0.05 | 0.5 | 0.5 |
| 1049619 | 0.07 | 0.2 | 0.141 | 0.04 | 0.52 | 109 | 0.21 | 6.59 | 103 | 1.7 |
| 1049620 | 0.02 | 0.3 | 0.135 | 0.06 | 0.54 | 116 | 0.26 | 15.3 | 164 | <0.5 |
| 1049621 | 0.02 | 0.2 | 0.125 | 0.04 | 0.44 | 107 | 0.18 | 3.11 | 70.0 | 0.8 |
| 1049622 | 0.03 | 0.4 | 0.170 | 0.04 | 0.57 | 125 | 0.26 | 5.67 | 101 | 1.3 |
| 1049623 | 0.04 | 0.8 | 0.226 | 0.05 | 0.52 | 153 | 0.29 | 5.08 | 97.4 | 1.8 |
| 1049624 | 0.02 | 0.3 | 0.143 | 0.04 | 0.46 | 123 | 0.16 | 19.5 | 148 | <0.5 |
| 1049625 | 0.02 | 0.5 | 0.196 | 0.05 | 0.39 | 136 | 0.19 | 6.76 | 137 | 0.9 |
| 1049626 | 0.02 | 0.8 | 0.168 | 0.04 | 0.59 | 116 | 0.22 | 12.6 | 105 | 1.6 |
| 1049627 | 0.03 | 0.3 | 0.157 | 0.05 | 0.43 | 126 | 0.23 | 6.66 | 92.7 | 0.8 |
| 1049628 | 0.03 | 0.2 | 0.082 | 0.04 | 1.60 | 89.7 | 0.22 | 17.9 | 118 | <0.5 |
| 1049629 | 0.03 | 0.3 | 0.116 | 0.04 | 0.40 | 120 | 0.23 | 3.84 | 74.5 | <0.5 |
| 1049630 | 0.02 | 0.2 | 0.162 | 0.05 | 0.55 | 142 | 0.14 | 5.26 | 101 | 1.4 |
| 1049631 | 0.02 | 0.3 | 0.150 | 0.06 | 0.70 | 143 | 0.19 | 12.6 | 115 | 1.0 |
| 1049632 | 0.02 | 0.4 | 0.112 | 0.03 | 0.53 | 120 | 0.23 | 4.82 | 109 | <0.5 |
| 1049633 | 0.02 | 0.7 | 0.111 | 0.04 | 0.39 | 118 | 0.29 | 12.2 | 240 | <0.5 |
| 1049634 | 0.03 | 1.0 | 0.223 | 0.04 | 0.51 | 151 | 0.26 | 3.29 | 94.2 | 3.8 |
| 1049635 | 0.02 | 0.6 | 0.175 | 0.03 | 0.45 | 122 | 0.19 | 10.4 | 109 | 1.5 |
| 1049636 | 0.02 | 0.7 | 0.146 | 0.03 | 0.43 | 143 | 0.25 | 9.33 | 136 | 0.9 |
| 1049637 | 0.02 | 0.8 | 0.188 | 0.03 | 0.32 | 134 | 0.28 | 3.28 | 106 | 4.3 |
| 1049638 | 0.05 | 0.5 | 0.140 | 0.04 | 1.14 | 129 | 0.21 | 29.6 | 150 | 1.1 |
| 1049639 | 0.03 | 1.0 | 0.183 | 0.03 | 0.55 | 125 | 0.22 | 8.74 | 106 | 6.4 |
| 1049640 | 0.03 | 1.1 | 0.196 | 0.04 | 0.58 | 145 | 0.24 | 8.15 | 160 | 5.5 |
| 1049641 | 0.03 | 0.6 | 0.219 | 0.04 | 0.36 | 152 | 0.22 | 2.71 | 69.6 | 1.4 |
| 1049642 | 0.03 | 1.0 | 0.174 | 0.04 | 0.38 | 122 | 0.22 | 3.42 | 103 | 3.3 |
| 1049643 | 0.02 | 0.3 | 0.113 | 0.03 | 0.49 | 122 | 0.21 | 14.4 | 122 | <0.5 |
| 1049644 | 0.02 | 0.4 | 0.117 | 0.03 | 0.55 | 109 | 0.21 | 14.4 | 108 | <0.5 |
| 1049645 | 0.02 | 0.8 | 0.172 | 0.03 | 0.46 | 102 | 0.26 | 7.22 | 96.9 | 1.3 |
| 1049646 | 0.02 | 0.7 | 0.135 | 0.04 | 0.59 | 119 | 0.26 | 22.1 | 204 | 0.9 |
| 1049647 | 0.02 | 0.6 | 0.143 | 0.03 | 0.42 | 107 | 0.19 | 8.46 | 78.9 | 0.9 |
| 1049651 | 0.02 | 1.1 | 0.157 | 0.04 | 0.49 | 113 | 0.26 | 5.60 | 128 | 3.3 |
| 1049652 | 0.03 | 0.7 | 0.104 | 0.04 | 2.65 | 128 | 0.27 | 53.0 | 139 | 1.6 |
| 1049653 | 0.02 | 1.1 | 0.132 | 0.04 | 0.38 | 97.9 | 0.17 | 2.74 | 129 | 7.0 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

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<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Te | Th | Ti | Tl | U | V | W | Y | Zn | Zr |
|-------------------------|------|------|-------|------|------|------|------|------|------|------|
| Unit: | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.1 | 0.005 | 0.02 | 0.05 | 0.5 | 0.05 | 0.05 | 0.5 | 0.5 |
| 1049654 | 0.02 | 0.8 | 0.179 | 0.05 | 0.41 | 138 | 0.25 | 7.42 | 143 | 1.5 |
| 1049655 | 0.02 | 0.1 | 0.093 | 0.06 | 0.37 | 100 | 0.27 | 3.12 | 48.0 | <0.5 |
| 1049656 | 0.02 | 0.5 | 0.118 | 0.04 | 0.59 | 100 | 0.19 | 6.46 | 78.3 | 2.0 |
| 1049657 | 0.03 | 0.5 | 0.125 | 0.05 | 0.40 | 122 | 0.24 | 3.33 | 78.0 | 0.7 |
| 1049658 | 0.02 | 0.2 | 0.096 | 0.04 | 0.58 | 114 | 0.19 | 4.44 | 72.9 | 0.6 |
| 1049659 | 0.02 | 0.2 | 0.119 | 0.04 | 0.46 | 121 | 0.18 | 6.96 | 112 | <0.5 |
| 1049660 | 0.03 | 0.4 | 0.144 | 0.05 | 0.73 | 128 | 0.22 | 27.6 | 104 | 0.8 |
| 1049661 | 0.04 | 0.4 | 0.116 | 0.03 | 0.57 | 98.4 | 0.19 | 9.72 | 78.9 | 1.6 |
| 1049662 | 0.02 | 1.2 | 0.176 | 0.04 | 0.52 | 121 | 0.22 | 14.9 | 76.0 | 10.9 |
| 1049663 | 0.02 | 1.0 | 0.163 | 0.03 | 0.46 | 111 | 0.19 | 5.87 | 91.1 | 6.7 |
| 1049664 | 0.02 | 0.2 | 0.105 | 0.04 | 0.57 | 112 | 0.17 | 16.2 | 124 | <0.5 |
| 1049665 | 0.02 | 0.9 | 0.147 | 0.03 | 0.48 | 110 | 0.20 | 7.16 | 99.9 | 3.0 |
| 1049666 | 0.06 | 0.7 | 0.047 | 0.07 | 0.40 | 98.9 | 0.44 | 12.3 | 244 | 0.5 |
| 1049667 | 0.02 | 0.9 | 0.173 | 0.03 | 0.37 | 124 | 0.22 | 3.39 | 123 | 3.6 |
| 1049668 | 0.02 | 0.6 | 0.207 | 0.05 | 0.49 | 145 | 0.22 | 5.07 | 89.4 | 4.3 |
| 1049669 | 0.01 | 0.6 | 0.151 | 0.03 | 0.56 | 120 | 0.16 | 8.55 | 140 | 2.5 |
| 1049670 | 0.02 | 0.5 | 0.178 | 0.04 | 0.41 | 125 | 0.24 | 2.74 | 52.5 | 2.6 |
| 1049671 | 0.02 | 0.4 | 0.141 | 0.05 | 0.68 | 109 | 0.17 | 28.2 | 142 | 1.0 |
| 1049672 | 0.01 | 0.7 | 0.177 | 0.03 | 0.49 | 115 | 0.24 | 4.76 | 80.4 | 4.5 |
| 1049673 | 0.02 | 0.3 | 0.124 | 0.04 | 0.88 | 104 | 0.20 | 30.7 | 88.4 | 1.0 |
| 1049674 | 0.02 | 1.3 | 0.165 | 0.03 | 0.48 | 109 | 0.23 | 4.60 | 105 | 5.3 |
| 1049675 | 0.02 | 0.5 | 0.139 | 0.05 | 0.86 | 103 | 0.20 | 22.1 | 103 | 1.3 |
| 1049676 | 0.01 | 0.2 | 0.151 | 0.05 | 0.46 | 96.9 | 0.17 | 7.29 | 62.5 | 1.2 |
| 1049677 | 0.02 | 0.7 | 0.182 | 0.04 | 0.56 | 106 | 0.20 | 5.17 | 82.7 | 5.4 |
| 1049678 | 0.01 | 0.7 | 0.178 | 0.04 | 0.51 | 110 | 0.16 | 14.9 | 90.1 | 2.1 |
| 1049679 | 0.01 | 0.2 | 0.126 | 0.06 | 0.69 | 112 | 0.15 | 12.1 | 194 | 0.9 |
| 1049680 | 0.01 | <0.1 | 0.079 | 0.09 | 0.63 | 102 | 0.19 | 18.2 | 145 | <0.5 |
| 1049681 | 0.02 | <0.1 | 0.037 | 0.07 | 0.94 | 89.2 | 0.23 | 9.61 | 155 | <0.5 |
| 1049682 | 0.02 | 0.7 | 0.176 | 0.07 | 0.52 | 139 | 0.18 | 7.51 | 81.3 | 2.2 |
| 1049683 | 0.03 | 0.2 | 0.026 | 0.07 | 0.76 | 69.2 | 0.60 | 37.7 | 231 | <0.5 |
| 1049684 | 0.02 | 0.3 | 0.126 | 0.05 | 0.61 | 91.0 | 0.28 | 7.92 | 82.0 | 2.1 |
| 1049685 | 0.05 | 0.4 | 0.176 | 0.05 | 0.55 | 134 | 0.30 | 7.73 | 78.4 | 3.7 |

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 11D524110

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DATE SAMPLED: Aug 30, 2011

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SAMPLE TYPE: Soil

| Analyte: | Te | Th | Ti | Tl | U | V | W | Y | Zn | Zr |
|-------------------------|-------|------|-------|-------|------|------|------|------|------|------|
| Unit: | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.1 | 0.005 | 0.02 | 0.05 | 0.5 | 0.05 | 0.05 | 0.5 | 0.5 |
| 1049686 | 0.02 | 0.4 | 0.148 | 0.05 | 0.58 | 116 | 0.21 | 6.11 | 102 | 2.6 |
| 1049687 | 0.01 | 0.2 | 0.123 | 0.06 | 0.49 | 114 | 0.13 | 5.80 | 99.8 | 1.2 |
| 1049688 | <0.01 | 0.1 | 0.145 | 0.03 | 0.57 | 123 | 0.14 | 14.4 | 379 | 2.4 |
| 1049689 | 0.01 | 0.2 | 0.128 | 0.04 | 0.68 | 96.8 | 0.20 | 5.66 | 119 | 2.3 |
| 1049690 | 0.02 | 0.3 | 0.168 | 0.05 | 0.39 | 122 | 0.23 | 2.46 | 55.9 | 1.5 |
| 1049691 | 0.01 | 1.1 | 0.145 | 0.04 | 0.55 | 121 | 0.29 | 11.3 | 106 | 4.6 |
| 1049692 | 0.02 | 0.7 | 0.452 | 0.02 | 0.30 | 207 | 0.19 | 4.64 | 199 | 8.7 |
| 1049693 | <0.01 | 0.6 | 0.388 | 0.02 | 1.85 | 245 | 0.52 | 9.51 | 286 | 7.2 |
| 1049694 | <0.01 | 0.4 | 0.413 | 0.02 | 0.43 | 160 | 0.15 | 7.85 | 419 | 6.4 |
| 1049696 | <0.01 | 0.5 | 0.437 | 0.04 | 0.34 | 153 | 0.07 | 4.84 | 282 | 4.9 |
| 1049697 | <0.01 | 0.5 | 0.385 | <0.02 | 0.32 | 118 | 0.22 | 7.15 | 227 | 10.2 |
| 1049540 | 0.01 | 0.2 | 0.121 | 0.03 | 0.46 | 121 | 0.19 | 3.99 | 69.5 | 2.0 |
| 1049541 | 0.02 | 0.2 | 0.108 | 0.05 | 0.51 | 105 | 0.18 | 6.97 | 66.6 | 1.2 |
| 1049542 | 0.02 | 0.2 | 0.096 | 0.03 | 0.74 | 90.8 | 0.22 | 10.5 | 69.2 | 2.5 |
| 1049543 | <0.01 | <0.1 | 0.075 | 0.05 | 0.62 | 186 | 0.12 | 12.9 | 114 | 0.7 |
| 1049544 | 0.01 | 0.6 | 0.156 | 0.03 | 0.64 | 108 | 0.17 | 18.7 | 84.7 | 2.3 |
| 1049545 | 0.02 | 0.5 | 0.107 | 0.04 | 0.65 | 93.2 | 0.24 | 13.6 | 78.8 | 3.2 |
| 1049546 | 0.01 | 0.2 | 0.110 | 0.04 | 0.77 | 96.5 | 0.25 | 6.96 | 83.2 | 4.9 |
| 1049547 | 0.01 | 0.4 | 0.152 | 0.05 | 0.49 | 127 | 0.19 | 9.09 | 176 | 1.8 |
| 1049548 | 0.03 | 0.3 | 0.140 | 0.03 | 0.59 | 104 | 0.22 | 7.74 | 90.4 | 3.1 |
| 1049549 | 0.01 | 0.7 | 0.095 | 0.03 | 0.64 | 88.3 | 0.22 | 21.9 | 109 | 1.2 |
| 1049550 | 0.01 | 0.1 | 0.063 | 0.09 | 0.87 | 122 | 0.16 | 25.1 | 149 | 1.6 |
| 1049751 | <0.01 | 0.2 | 0.229 | 0.03 | 0.44 | 263 | 0.70 | 6.29 | 230 | 1.5 |
| 1049752 | 0.01 | 0.2 | 0.077 | 0.03 | 0.85 | 360 | 0.27 | 12.7 | 84.0 | 0.8 |
| 1049753 | 0.05 | 0.5 | 0.177 | 0.02 | 0.38 | 130 | 0.23 | 11.5 | 145 | 0.8 |
| 1049754 | 0.01 | 0.2 | 0.146 | 0.03 | 0.47 | 153 | 0.14 | 8.93 | 205 | 0.5 |
| 1049755 | 0.01 | 0.6 | 0.119 | <0.02 | 0.47 | 93.6 | 0.21 | 4.11 | 68.7 | 5.1 |
| 1049756 | 0.02 | 0.3 | 0.105 | 0.03 | 0.52 | 106 | 0.24 | 12.2 | 137 | <0.5 |
| 1049757 | 0.02 | 0.5 | 0.107 | 0.04 | 1.62 | 158 | 0.29 | 20.8 | 208 | 0.6 |
| 1049758 | 0.02 | 0.1 | 0.126 | 0.03 | 0.48 | 129 | 0.20 | 6.18 | 158 | <0.5 |
| 1049759 | 0.02 | 1.0 | 0.164 | 0.02 | 0.48 | 112 | 0.25 | 21.8 | 113 | 3.1 |
| 1049760 | 0.02 | 0.3 | 0.138 | 0.05 | 1.88 | 258 | 0.38 | 5.54 | 119 | <0.5 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 20, 2011

SAMPLE TYPE: Soil

| Analyte: | Te | Th | Ti | Tl | U | V | W | Y | Zn | Zr |
|-------------------------|-------|-----|-------|------|------|------|------|------|------|------|
| Unit: | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.1 | 0.005 | 0.02 | 0.05 | 0.5 | 0.05 | 0.05 | 0.5 | 0.5 |
| 1049761 | <0.01 | 0.4 | 0.264 | 0.02 | 0.25 | 123 | 0.14 | 3.35 | 128 | 1.9 |
| 1049762 | 0.01 | 0.5 | 0.297 | 0.02 | 0.26 | 169 | 0.20 | 4.16 | 194 | 4.3 |
| 1049763 | 0.02 | 0.3 | 0.095 | 0.03 | 0.36 | 166 | 0.28 | 5.13 | 116 | <0.5 |
| 1049764 | 0.02 | 0.6 | 0.169 | 0.05 | 0.38 | 125 | 0.32 | 4.37 | 138 | <0.5 |
| 1049765 | 0.01 | 0.4 | 0.139 | 0.04 | 1.06 | 194 | 0.23 | 23.6 | 144 | 0.9 |
| 1049766 | 0.02 | 0.9 | 0.189 | 0.03 | 0.36 | 133 | 0.26 | 4.46 | 96.3 | 2.1 |
| 1049767 | 0.02 | 0.7 | 0.092 | 0.03 | 0.37 | 94.6 | 0.26 | 10.2 | 143 | <0.5 |
| 1049768 | 0.02 | 0.3 | 0.102 | 0.03 | 1.99 | 114 | 0.23 | 15.0 | 116 | <0.5 |
| 1049769 | 0.02 | 0.3 | 0.079 | 0.06 | 0.67 | 123 | 0.17 | 14.6 | 125 | 0.8 |
| 1049770 | 0.02 | 0.3 | 0.097 | 0.05 | 1.39 | 111 | 0.20 | 13.4 | 152 | 0.6 |
| 1049771 | 0.02 | 1.0 | 0.117 | 0.04 | 0.42 | 122 | 0.19 | 3.36 | 184 | 4.7 |
| 1049772 | 0.07 | 0.8 | 0.035 | 0.10 | 0.34 | 92.3 | 0.30 | 2.84 | 144 | 0.6 |
| 1049773 | 0.03 | 0.3 | 0.128 | 0.03 | 0.53 | 107 | 0.27 | 5.84 | 87.1 | <0.5 |
| 1049774 | 0.02 | 1.0 | 0.158 | 0.03 | 0.48 | 102 | 0.19 | 6.30 | 81.2 | 3.7 |
| 1049775 | 0.03 | 0.5 | 0.085 | 0.04 | 5.21 | 116 | 0.27 | 41.7 | 271 | 1.1 |
| 1049776 | 0.02 | 0.3 | 0.082 | 0.05 | 0.78 | 99.9 | 0.24 | 24.0 | 134 | <0.5 |
| 1049777 | 0.02 | 0.6 | 0.075 | 0.06 | 0.50 | 200 | 0.46 | 20.3 | 280 | 0.6 |
| 1049778 | 0.06 | 0.8 | 0.055 | 0.04 | 0.49 | 114 | 0.38 | 33.5 | 198 | 0.9 |
| 1049779 | 0.03 | 0.8 | 0.061 | 0.05 | 0.48 | 133 | 0.32 | 19.6 | 207 | <0.5 |
| 1049780 | 0.03 | 0.2 | 0.012 | 0.05 | 0.47 | 83.3 | 0.49 | 5.34 | 121 | <0.5 |
| 1049781 | 0.02 | 0.4 | 0.024 | 0.05 | 0.54 | 145 | 0.34 | 5.18 | 197 | <0.5 |
| 1049782 | 0.02 | 0.6 | 0.069 | 0.03 | 0.38 | 124 | 0.25 | 13.4 | 162 | 0.7 |
| 1049783 | 0.02 | 0.3 | 0.114 | 0.02 | 0.46 | 119 | 0.27 | 2.50 | 95.3 | 0.7 |
| 1049784 | 0.03 | 0.4 | 0.043 | 0.04 | 3.77 | 99.5 | 0.34 | 27.2 | 170 | <0.5 |

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal

Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

ATTENTION TO: RICHARD BECK

| Solid Analysis | | | | | | | | | | | | |
|--|-------|-----------|-----------|---------|-------|--------------|--------------|--------------------|----------|-------------------|-------|--|
| RPT Date: Sep 20, 2011 | | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | Result Value | | Expect Value | Recovery | Acceptable Limits | | |
| | | | | | | | | | | Lower | Upper | |
| Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074) | | | | | | | | | | | | |
| Ag | 1 | 2663560 | 0.31 | 0.26 | 17.5% | 0.11 | 8 | 7 | 114% | 80% | 120% | |
| Al | 1 | 2663661 | 2.73 | 2.71 | 0.7% | < 0.01 | 0.387 | 0.359 | 108% | 80% | 120% | |
| As | 1 | 2663560 | 9.33 | 8.45 | 9.9% | 0.4 | | | | 80% | 120% | |
| Au | 1 | 2663560 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| B | 1 | 2663560 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% | |
| Ba | 1 | 2663661 | 131 | 134 | 2.3% | < 1 | | | | 80% | 120% | |
| Be | 1 | 2663560 | 0.21 | 0.18 | 15.4% | < 0.05 | | | | 80% | 120% | |
| Bi | 1 | 2663661 | < 0.01 | < 0.01 | 0.0% | 0.03 | | | | 80% | 120% | |
| Ca | 1 | 2663661 | 0.23 | 0.23 | 0.0% | < 0.01 | 0.703 | 0.635 | 111% | 80% | 120% | |
| Cd | 1 | 2663560 | 0.165 | 0.149 | 10.2% | < 0.01 | | | | 80% | 120% | |
| Ce | 1 | 2663560 | 11.5 | 9.67 | 17.3% | < 0.01 | | | | 80% | 120% | |
| Co | 1 | 2663560 | 10.6 | 9.7 | 8.9% | < 0.1 | 5 | 5.0 | 100% | 80% | 120% | |
| Cr | 1 | 2663661 | 36.1 | 36.6 | 1.4% | < 0.5 | | | | 80% | 120% | |
| Cs | 1 | 2663560 | 2.17 | 1.83 | 17.0% | < 0.05 | | | | 80% | 120% | |
| Cu | 1 | 2663661 | 26.0 | 22.5 | 14.4% | < 0.1 | 5171 | 4700 | 110% | 80% | 120% | |
| Fe | 1 | 2663661 | 5.47 | 5.34 | 2.4% | < 0.01 | 1.31 | 1.31 | 100% | 80% | 120% | |
| Ga | 1 | 2663560 | 8.42 | 7.38 | 13.2% | < 0.05 | | | | 80% | 120% | |
| Ge | 1 | 2663560 | 0.12 | 0.12 | 0.0% | 0.07 | | | | 80% | 120% | |
| Hf | 1 | 2663560 | 0.063 | 0.054 | 15.4% | < 0.02 | | | | 80% | 120% | |
| Hg | 1 | 2663560 | 0.108 | 0.089 | 19.3% | < 0.01 | 1.4 | 1.3 | 109% | 80% | 120% | |
| In | 1 | 2663560 | 0.0657 | 0.0572 | 13.8% | < 0.005 | | | | 80% | 120% | |
| K | 1 | 2663661 | 0.043 | 0.046 | 6.7% | < 0.01 | 0.19 | 0.18 | 103% | 80% | 120% | |
| La | 1 | 2663560 | 5.36 | 4.50 | 17.4% | < 0.1 | | | | 80% | 120% | |
| Li | 1 | 2663560 | 12.0 | 10.1 | 17.2% | < 0.1 | | | | 80% | 120% | |
| Mg | 1 | 2663661 | 0.66 | 0.66 | 0.0% | < 0.01 | 0.114 | 0.098 | 116% | 80% | 120% | |
| Mn | 1 | 2663661 | 577 | 605 | 4.7% | < 1 | | | | 80% | 120% | |
| Mo | 1 | 2663560 | 0.49 | 0.86 | | < 0.05 | 288 | 280 | 102% | 80% | 120% | |
| Na | 1 | 2663661 | 0.014 | 0.015 | 6.9% | < 0.01 | 0.033 | 0.038 | 87% | 80% | 120% | |
| Nb | 1 | 2663560 | 0.98 | 0.88 | 10.8% | < 0.05 | | | | 80% | 120% | |
| Ni | 1 | 2663560 | 14.6 | 13.1 | 10.8% | < 0.2 | 7 | 7 | 103% | 80% | 120% | |
| P | 1 | 2663661 | 274 | 298 | 8.4% | < 10 | | | | 80% | 120% | |
| Pb | 1 | 2663560 | 5.7 | 4.8 | 17.1% | < 0.1 | | | | 80% | 120% | |
| Rb | 1 | 2663560 | 5.14 | 4.24 | 19.2% | < 0.1 | | | | 80% | 120% | |
| Re | 1 | 2663560 | < 0.001 | < 0.001 | 0.0% | < 0.001 | | | | 80% | 120% | |
| S | 1 | 2663661 | 0.022 | 0.022 | 0.0% | < 0.005 | 0.632 | 0.621 | 102% | 80% | 120% | |
| Sb | 1 | 2663560 | 0.33 | 0.28 | 16.4% | < 0.05 | | | | 80% | 120% | |
| Sc | 1 | 2663560 | 6.0 | 5.3 | 12.4% | < 0.1 | | | | 80% | 120% | |
| Se | 1 | 2663560 | 0.7 | 0.6 | 15.4% | < 0.2 | | | | 80% | 120% | |
| Sn | 1 | 2663560 | 0.6 | 0.5 | 18.2% | < 0.2 | | | | 80% | 120% | |
| Sr | 1 | 2663661 | 30.2 | 31.5 | 4.2% | < 0.2 | 387 | 390 | 99% | 80% | 120% | |
| Ta | 1 | 2663661 | < 0.01 | < 0.01 | 0.0% | 0.04 | | | | 80% | 120% | |
| Te | 1 | 2663661 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Th | 1 | 2663560 | 0.2 | 0.2 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Ti | 1 | 2663661 | 0.189 | 0.196 | 3.6% | < 0.005 | 0.011 | 0.011 | 102% | 80% | 120% | |

Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

ATTENTION TO: RICHARD BECK

| Solid Analysis (Continued) | | | | | | | | | | | | |
|--|-------|-----------|-----------|--------|-------|--------------|--------------|--------------------|----------|-------------------|-------|--|
| RPT Date: Sep 20, 2011 | | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | Result Value | | Expect Value | Recovery | Acceptable Limits | | |
| | | | | | | | | | | Lower | Upper | |
| Tl | 1 | 2663560 | 0.04 | 0.04 | 0.0% | < 0.02 | | | | 80% | 120% | |
| U | 1 | 2663560 | 0.521 | 0.454 | 13.7% | < 0.05 | | | | 80% | 120% | |
| V | 1 | 2663661 | 133 | 137 | 3.0% | < 0.5 | | | | 80% | 120% | |
| W | 1 | 2663661 | < 0.05 | < 0.05 | 0.0% | 0.06 | | | | 80% | 120% | |
| Y | 1 | 2663560 | 6.59 | 6.00 | 9.4% | < 0.05 | | | | 80% | 120% | |
| Zn | 1 | 2663661 | 96.3 | 101 | 4.8% | < 0.5 | | | | 80% | 120% | |
| Zr | 1 | 2663560 | 1.7 | 1.9 | 11.1% | < 0.5 | | | | 80% | 120% | |
| Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074) | | | | | | | | | | | | |
| Ag | 1 | 2663585 | 0.22 | 0.24 | 8.7% | 0.13 | 31 | 35 | 89% | 80% | 120% | |
| Al | 1 | 2663585 | 2.09 | 2.02 | 3.4% | < 0.01 | | | | 80% | 120% | |
| As | 1 | 2663585 | 6.8 | 6.8 | 0.0% | 0.3 | | | | 80% | 120% | |
| Au | 1 | 2663585 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| B | 1 | 2663585 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% | |
| Ba | 1 | 2663585 | 420 | 414 | 1.4% | < 1 | | | | 80% | 120% | |
| Be | 1 | 2663585 | 0.387 | 0.380 | 1.8% | < 0.05 | | | | 80% | 120% | |
| Bi | 1 | 2663585 | 0.07 | 0.07 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Ca | 1 | 2663585 | 0.440 | 0.431 | 2.1% | < 0.01 | | | | 80% | 120% | |
| Cd | 1 | 2663585 | 0.096 | 0.094 | 2.1% | < 0.01 | | | | 80% | 120% | |
| Ce | 1 | 2663585 | 14.4 | 14.4 | 0.0% | 0.04 | | | | 80% | 120% | |
| Co | 1 | 2663585 | 9.9 | 9.8 | 1.0% | < 0.1 | | | | 80% | 120% | |
| Cr | 1 | 2663585 | 27.1 | 28.1 | 3.6% | < 0.5 | | | | 80% | 120% | |
| Cs | 1 | 2663585 | 1.80 | 1.74 | 3.4% | < 0.05 | | | | 80% | 120% | |
| Cu | 1 | 2663585 | 29.4 | 30.0 | 2.0% | < 0.1 | 4056 | 4700 | 86% | 80% | 120% | |
| Fe | 1 | 2663585 | 4.23 | 4.19 | 1.0% | < 0.01 | | | | 80% | 120% | |
| Ga | 1 | 2663585 | 5.95 | 5.89 | 1.0% | < 0.05 | | | | 80% | 120% | |
| Ge | 1 | 2663585 | 0.127 | 0.123 | 3.2% | 0.07 | | | | 80% | 120% | |
| Hf | 1 | 2663585 | < 0.02 | < 0.02 | 0.0% | < 0.02 | | | | 80% | 120% | |
| Hg | 1 | 2663585 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% | |
| In | 1 | 2663585 | 0.0492 | 0.0482 | 2.1% | < 0.005 | | | | 80% | 120% | |
| K | 1 | 2663585 | 0.05 | 0.05 | 0.0% | < 0.01 | | | | 80% | 120% | |
| La | 1 | 2663585 | 7.59 | 7.54 | 0.7% | < 0.1 | | | | 80% | 120% | |
| Li | 1 | 2663585 | 17.0 | 16.3 | 4.2% | < 0.1 | | | | 80% | 120% | |
| Mg | 1 | 2663585 | 0.73 | 0.71 | 2.8% | < 0.01 | | | | 80% | 120% | |
| Mn | 1 | 2663585 | 1120 | 1160 | 3.5% | < 1 | | | | 80% | 120% | |
| Mo | 1 | 2663585 | 0.50 | 0.47 | 6.2% | < 0.05 | | | | 80% | 120% | |
| Na | 1 | 2663585 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Nb | 1 | 2663585 | 0.542 | 0.534 | 1.5% | < 0.05 | | | | 80% | 120% | |
| Ni | 1 | 2663585 | 13.7 | 13.5 | 1.5% | < 0.2 | | | | 80% | 120% | |
| P | 1 | 2663585 | 258 | 266 | 3.1% | < 10 | | | | 80% | 120% | |
| Pb | 1 | 2663585 | 7.9 | 7.9 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Rb | 1 | 2663585 | 5.5 | 5.0 | 9.5% | < 0.1 | | | | 80% | 120% | |
| Re | 1 | 2663585 | 0.001 | 0.001 | 0.0% | < 0.001 | | | | 80% | 120% | |
| S | 1 | 2663585 | 0.0177 | 0.0169 | 4.6% | < 0.005 | | | | 80% | 120% | |

Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

ATTENTION TO: RICHARD BECK

| Solid Analysis (Continued) | | | | | | | | | | | | |
|--|-------|-----------|-----------|--------|-------|--------------|--------------|--------------------|----------|-------------------|-------|--|
| RPT Date: Sep 20, 2011 | | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | Result Value | | Expect Value | Recovery | Acceptable Limits | | |
| | | | | | | | | | | Lower | Upper | |
| Sb | 1 | 2663585 | 0.469 | 0.452 | 3.7% | < 0.05 | | | | 80% | 120% | |
| Sc | 1 | 2663585 | 8.3 | 8.1 | 2.4% | < 0.1 | | | | 80% | 120% | |
| Se | 1 | 2663585 | 0.3 | 0.3 | 0.0% | < 0.2 | | | | 80% | 120% | |
| Sn | 1 | 2663585 | 0.7 | 0.7 | 0.0% | < 0.2 | | | | 80% | 120% | |
| Sr | 1 | 2663585 | 46.4 | 44.9 | 3.3% | < 0.2 | 330 | 390 | 85% | 80% | 120% | |
| Ta | 1 | 2663585 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Te | 1 | 2663585 | 0.017 | 0.015 | 12.5% | < 0.01 | | | | 80% | 120% | |
| Th | 1 | 2663585 | 0.4 | 0.4 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Ti | 1 | 2663585 | 0.117 | 0.110 | 6.2% | < 0.005 | | | | 80% | 120% | |
| Tl | 1 | 2663585 | 0.03 | 0.03 | 0.0% | < 0.02 | | | | 80% | 120% | |
| U | 1 | 2663585 | 0.547 | 0.543 | 0.7% | < 0.05 | | | | 80% | 120% | |
| V | 1 | 2663585 | 109 | 110 | 0.9% | < 0.5 | | | | 80% | 120% | |
| W | 1 | 2663585 | 0.214 | 0.224 | 4.6% | < 0.05 | | | | 80% | 120% | |
| Y | 1 | 2663585 | 14.4 | 14.0 | 2.8% | < 0.05 | | 7 | | 80% | 120% | |
| Zn | 1 | 2663585 | 108 | 109 | 0.9% | < 0.5 | | | | 80% | 120% | |
| Zr | 1 | 2663585 | < 0.5 | < 0.5 | 0.0% | < 0.5 | | | | 80% | 120% | |
| Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074) | | | | | | | | | | | | |
| Ag | 1 | 2663611 | 0.31 | 0.32 | 3.2% | 0.12 | 7 | 7 | 105% | 80% | 120% | |
| As | 1 | 2663611 | 8.93 | 9.13 | 2.2% | 0.7 | | | | 80% | 120% | |
| Au | 1 | 2663611 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| B | 1 | 2663611 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% | |
| Be | 1 | 2663611 | 0.74 | 0.74 | 0.0% | < 0.05 | | | | 80% | 120% | |
| Bi | 1 | 2663611 | 0.09 | 0.09 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Cd | 1 | 2663611 | 0.11 | 0.11 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Ce | 1 | 2663611 | 16.8 | 16.8 | 0.0% | 0.03 | | | | 80% | 120% | |
| Co | 1 | 2663611 | 11.6 | 11.6 | 0.0% | < 0.1 | 4.9 | 5.0 | 97% | 80% | 120% | |
| Cs | 1 | 2663611 | 1.64 | 1.67 | 1.8% | < 0.05 | | | | 80% | 120% | |
| Cu | 1 | | | | | < 0.1 | 5337 | 5000 | 107% | 80% | 120% | |
| Ga | 1 | 2663611 | 9.51 | 9.80 | 3.0% | < 0.05 | | | | 80% | 120% | |
| Ge | 1 | 2663611 | 0.16 | 0.16 | 0.0% | 0.08 | | | | 80% | 120% | |
| Hf | 1 | 2663611 | 0.04 | 0.04 | 0.0% | < 0.02 | | | | 80% | 120% | |
| Hg | 1 | 2663611 | 0.08 | 0.08 | 0.0% | < 0.01 | 1.5 | 1.3 | 117% | 80% | 120% | |
| In | 1 | 2663611 | 0.060 | 0.064 | 6.5% | < 0.005 | | | | 80% | 120% | |
| La | 1 | 2663611 | 14.6 | 14.5 | 0.7% | < 0.1 | | | | 80% | 120% | |
| Li | 1 | 2663611 | 24.5 | 24.6 | 0.4% | 0.1 | | | | 80% | 120% | |
| Mo | 1 | 2663611 | 0.429 | 0.438 | 2.1% | < 0.05 | 251 | 280 | 90% | 80% | 120% | |
| Nb | 1 | 2663611 | 1.47 | 1.48 | 0.7% | < 0.05 | | | | 80% | 120% | |
| Ni | 1 | 2663611 | 15.0 | 15.1 | 0.7% | < 0.2 | 7 | 7 | 93% | 80% | 120% | |
| Pb | 1 | 2663611 | 8.48 | 8.44 | 0.5% | < 0.1 | 27 | 30 | 91% | 80% | 120% | |
| Rb | 1 | 2663611 | 4.83 | 5.22 | 7.8% | < 0.1 | | | | 80% | 120% | |
| Re | 1 | 2663611 | 0.002 | 0.002 | 0.0% | < 0.001 | | | | 80% | 120% | |
| Sb | 1 | 2663611 | 0.41 | 0.43 | 4.8% | < 0.05 | | | | 80% | 120% | |
| Sc | 1 | 2663611 | 10.4 | 10.8 | 3.8% | < 0.1 | | | | 80% | 120% | |
| Se | 1 | 2663611 | 0.71 | 0.77 | 8.1% | < 0.2 | | | | 80% | 120% | |

Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

ATTENTION TO: RICHARD BECK

| Solid Analysis (Continued) | | | | | | | | | | | | |
|--|-------|-----------|-----------|---------|-------|--------------|--------------|--------------------|----------|-------------------|------|--|
| RPT Date: Sep 20, 2011 | | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | Result Value | | Expect Value | Recovery | Acceptable Limits | | |
| | | | | | | | Lower | | | Upper | | |
| Sn | 1 | 2663611 | 0.9 | 0.9 | 0.0% | < 0.2 | | | | 80% | 120% | |
| Ta | 1 | 2663611 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Te | 1 | 2663611 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Th | 1 | 2663611 | 0.3 | 0.3 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Tl | 1 | 2663611 | 0.04 | 0.04 | 0.0% | < 0.02 | | | | 80% | 120% | |
| U | 1 | 2663611 | 0.88 | 0.89 | 1.1% | < 0.05 | | | | 80% | 120% | |
| W | 1 | 2663611 | 0.20 | 0.21 | 4.9% | < 0.05 | | | | 80% | 120% | |
| Y | 1 | 2663611 | 30.7 | 31.7 | 3.2% | < 0.05 | | 7 | | 80% | 120% | |
| Zr | 1 | 2663611 | 0.96 | 0.84 | 13.3% | < 0.5 | | | | 80% | 120% | |
| Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074) | | | | | | | | | | | | |
| Ag | 1 | 2663636 | 0.25 | 0.27 | 7.7% | < 0.01 | 32 | 35 | 93% | 80% | 120% | |
| As | 1 | 2663636 | 8.97 | 8.61 | 4.1% | < 0.1 | | | | 80% | 120% | |
| Au | 1 | 2663636 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| B | 1 | 2663636 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% | |
| Be | 1 | 2663636 | 0.339 | 0.310 | 8.9% | < 0.05 | | | | 80% | 120% | |
| Bi | 1 | 2663636 | 0.08 | 0.08 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Cd | 1 | 2663636 | 0.10 | 0.10 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Ce | 1 | 2663636 | 11.8 | 11.0 | 7.0% | < 0.01 | | | | 80% | 120% | |
| Co | 1 | 2663636 | 7.47 | 7.11 | 4.9% | < 0.1 | | | | 80% | 120% | |
| Cs | 1 | 2663636 | 1.64 | 1.53 | 6.9% | < 0.05 | | | | 80% | 120% | |
| Ga | 1 | 2663636 | 9.26 | 8.90 | 4.0% | < 0.05 | | | | 80% | 120% | |
| Ge | 1 | 2663636 | 0.130 | 0.123 | 5.5% | < 0.05 | | | | 80% | 120% | |
| Hf | 1 | 2663636 | 0.03 | 0.03 | 0.0% | < 0.02 | | | | 80% | 120% | |
| Hg | 1 | 2663636 | 0.08 | 0.08 | 0.0% | < 0.01 | | | | 80% | 120% | |
| In | 1 | 2663636 | 0.0645 | 0.0613 | 5.1% | < 0.005 | | | | 80% | 120% | |
| La | 1 | 2663636 | 5.30 | 4.94 | 7.0% | < 0.1 | | | | 80% | 120% | |
| Li | 1 | 2663636 | 16.0 | 15.1 | 5.8% | < 0.1 | | | | 80% | 120% | |
| Mo | 1 | 2663636 | 0.743 | 0.695 | 6.7% | < 0.05 | | | | 80% | 120% | |
| Nb | 1 | 2663636 | 1.05 | 1.01 | 3.9% | < 0.05 | | | | 80% | 120% | |
| Ni | 1 | 2663636 | 9.8 | 9.3 | 5.2% | < 0.2 | | | | 80% | 120% | |
| Pb | 1 | 2663636 | 6.81 | 6.44 | 5.6% | < 0.1 | | | | 80% | 120% | |
| Rb | 1 | 2663636 | 4.94 | 4.64 | 6.3% | < 0.1 | | | | 80% | 120% | |
| Re | 1 | 2663636 | < 0.001 | < 0.001 | 0.0% | < 0.001 | | | | 80% | 120% | |
| Sb | 1 | 2663636 | 0.34 | 0.33 | 3.0% | < 0.05 | | | | 80% | 120% | |
| Sc | 1 | 2663636 | 5.00 | 4.81 | 3.9% | < 0.1 | | | | 80% | 120% | |
| Se | 1 | 2663636 | 0.68 | 0.65 | 4.5% | < 0.2 | | | | 80% | 120% | |
| Sn | 1 | 2663636 | 0.6 | 0.6 | 0.0% | < 0.2 | | | | 80% | 120% | |
| Ta | 1 | 2663636 | 0.01 | 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Te | 1 | 2663636 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Th | 1 | 2663636 | 0.2 | 0.2 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Tl | 1 | 2663636 | 0.048 | 0.045 | 6.5% | < 0.02 | | | | 80% | 120% | |
| U | 1 | 2663636 | 0.505 | 0.476 | 5.9% | < 0.05 | | | | 80% | 120% | |
| W | 1 | 2663636 | 0.182 | 0.164 | 10.4% | < 0.05 | | | | 80% | 120% | |
| Y | 1 | 2663636 | 6.97 | 6.82 | 2.2% | < 0.05 | | 7 | | 80% | 120% | |

Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
 PROJECT NO: CARIB001

AGAT WORK ORDER: 11D524110
 ATTENTION TO: RICHARD BECK

| Solid Analysis (Continued) | | | | | | | | | | | |
|--|-------|-----------|----------|---------|-------|--------------|--------------------|--------------|----------|-------------------|------|
| RPT Date: Sep 20, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits | |
| | | | | | | | | | Lower | Upper | |
| Zr | 1 | 2663636 | 1.17 | 1.11 | 5.3% | < 0.5 | | | 80% | 120% | |
| Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074) | | | | | | | | | | | |
| Ag | 1 | 2663661 | 0.304 | 0.334 | 9.4% | < 0.01 | 7 | 7 | 103% | 80% | 120% |
| As | 1 | 2663661 | 13.7 | 13.3 | 3.0% | < 0.1 | | | | 80% | 120% |
| Au | 1 | 2663661 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% |
| B | 1 | 2663661 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% |
| Be | 1 | 2663661 | 0.26 | 0.29 | 10.9% | < 0.05 | | | | 80% | 120% |
| Bi | 1 | 2663661 | 0.065 | 0.065 | 0.0% | < 0.01 | | | | 80% | 120% |
| Cd | 1 | 2663661 | 0.15 | 0.15 | 0.0% | < 0.01 | | | | 80% | 120% |
| Ce | 1 | 2663661 | 12.1 | 12.1 | 0.0% | < 0.01 | | | | 80% | 120% |
| Co | 1 | 2663661 | 7.61 | 7.53 | 1.1% | < 0.1 | 4.9 | 5.0 | 97% | 80% | 120% |
| Cs | 1 | 2663661 | 1.14 | 1.25 | 9.2% | < 0.05 | | | | 80% | 120% |
| Ga | 1 | 2663661 | 10.1 | 10.3 | 2.0% | < 0.05 | | | | 80% | 120% |
| Ge | 1 | 2663661 | 0.15 | 0.13 | 14.3% | < 0.05 | | | | 80% | 120% |
| Hf | 1 | 2663661 | 0.06 | 0.04 | | < 0.02 | | | | 80% | 120% |
| Hg | 1 | 2663661 | 0.05 | 0.05 | 0.0% | < 0.01 | 1.5 | 1.3 | 114% | 80% | 120% |
| In | 1 | 2663661 | 0.0753 | 0.0734 | 2.6% | < 0.005 | | | | 80% | 120% |
| La | 1 | 2663661 | 3.4 | 3.4 | 0.0% | < 0.1 | | | | 80% | 120% |
| Li | 1 | 2663661 | 12.7 | 13.4 | 5.4% | < 0.1 | | | | 80% | 120% |
| Mo | 1 | 2663661 | 0.79 | 0.79 | 0.0% | < 0.05 | 275 | 280 | 98% | 80% | 120% |
| Nb | 1 | 2663661 | 2.25 | 2.18 | 3.2% | < 0.05 | | | | 80% | 120% |
| Ni | 1 | 2663661 | 14.1 | 13.9 | 1.4% | < 0.2 | 6 | 7 | 92% | 80% | 120% |
| Pb | 1 | 2663661 | 9.48 | 9.31 | 1.8% | < 0.1 | 27 | 30 | 89% | 80% | 120% |
| Rb | 1 | 2663661 | 4.8 | 5.2 | 8.0% | < 0.1 | | | | 80% | 120% |
| Re | 1 | 2663661 | < 0.001 | < 0.001 | 0.0% | < 0.001 | | | | 80% | 120% |
| Sb | 1 | 2663661 | 0.408 | 0.417 | 2.2% | < 0.05 | | | | 80% | 120% |
| Sc | 1 | 2663661 | 5.5 | 5.4 | 1.8% | < 0.1 | | | | 80% | 120% |
| Se | 1 | 2663661 | 0.2 | 0.2 | 0.0% | < 0.2 | | | | 80% | 120% |
| Sn | 1 | 2663661 | 0.7 | 0.7 | 0.0% | < 0.2 | | | | 80% | 120% |
| Ta | 1 | 2663661 | 0.04 | 0.07 | | < 0.01 | | | | 80% | 120% |
| Te | 1 | 2663661 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% |
| Th | 1 | 2663661 | 0.9 | 0.6 | | < 0.1 | | | | 80% | 120% |
| Tl | 1 | 2663661 | 0.03 | 0.03 | 0.0% | < 0.02 | | | | 80% | 120% |
| U | 1 | 2663661 | 0.361 | 0.365 | 1.1% | < 0.05 | | | | 80% | 120% |
| W | 1 | 2663661 | 0.260 | 0.268 | 3.0% | < 0.05 | | | | 80% | 120% |
| Y | 1 | 2663661 | 4.46 | 4.38 | 1.8% | < 0.05 | | 7 | | 80% | 120% |
| Zr | 1 | 2663661 | 2.1 | 0.9 | | < 0.5 | | | | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074) | | | | | | | | | | | |
| Co | 1 | | | | | < 0.1 | 6 | 5.0 | 120% | 80% | 120% |
| Mo | 1 | | | | | < 0.05 | 340 | 280 | 121% | 80% | 120% |
| Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074) | | | | | | | | | | | |
| Ag | 1 | | | | | < 0.01 | 31 | 35 | 87% | 80% | 120% |

Quality Assurance

 CLIENT NAME: UTM EXPLORATION SERVICES
 PROJECT NO: CARIB001

 AGAT WORK ORDER: 11D524110
 ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)

| RPT Date: Sep 20, 2011 | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | |
|------------------------|-------|-----------|----------|--------|-----|--------------|--------------------|--------------|----------|-------------------|
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | | Result Value | Expect Value | Recovery | Acceptable Limits |
| | | | | | | | | | Lower | Upper |
| | | | | | | | | | | |

Certified By:



Method Summary

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

ATTENTION TO: RICHARD BECK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---------------------|---------------|----------------------|----------------------|
| Solid Analysis | | | |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Ag | MIN-200-12017 | | ICP-MS |
| Al | MIN-200-12017 | | ICP/OES |
| As | MIN-200-12017 | | ICP-MS |
| Au | MIN-200-12017 | | ICP-MS |
| B | MIN-200-12017 | | ICP/OES |
| Ba | MIN-200-12017 | | ICP-MS |
| Be | MIN-200-12017 | | ICP-MS |
| Bi | MIN-200-12017 | | ICP-MS |
| Ca | MIN-200-12017 | | ICP/OES |
| Cd | MIN-200-12017 | | ICP-MS |
| Ce | MIN-200-12017 | | ICP-MS |
| Co | MIN-200-12017 | | ICP-MS |
| Cr | MIN-200-12017 | | ICP/OES |
| Cs | MIN-200-12017 | | ICP-MS |
| Cu | MIN-200-12017 | | ICP-MS |
| Fe | MIN-200-12017 | | ICP/OES |
| Ga | MIN-200-12017 | | ICP-MS |
| Ge | MIN-200-12017 | | ICP-MS |
| Hf | MIN-200-12017 | | ICP-MS |
| Hg | MIN-200-12017 | | ICP-MS |
| In | MIN-200-12017 | | ICP-MS |
| K | MIN-200-12017 | | ICP/OES |
| La | MIN-200-12017 | | ICP-MS |
| Li | MIN-200-12017 | | ICP-MS |
| Mg | MIN-200-12017 | | ICP/OES |
| Mn | MIN-200-12017 | | ICP/OES |
| Mo | MIN-200-12017 | | ICP-MS |
| Na | MIN-200-12017 | | ICP/OES |
| Nb | MIN-200-12017 | | ICP-MS |
| Ni | MIN-200-12017 | | ICP-MS |
| P | MIN-200-12017 | | ICP/OES |
| Pb | MIN-200-12017 | | ICP-MS |
| Rb | MIN-200-12017 | | ICP-MS |
| Re | MIN-200-12017 | | ICP-MS |
| S | MIN-200-12017 | | ICP/OES |
| Sb | MIN-200-12017 | | ICP-MS |
| Sc | MIN-200-12017 | | ICP-MS |
| Se | MIN-200-12017 | | ICP-MS |
| Sn | MIN-200-12017 | | ICP-MS |
| Sr | MIN-200-12017 | | ICP-MS |
| Ta | MIN-200-12017 | | ICP-MS |
| Te | MIN-200-12017 | | ICP-MS |
| Th | MIN-200-12017 | | ICP-MS |
| Ti | MIN-200-12017 | | ICP/OES |
| Tl | MIN-200-12017 | | ICP-MS |
| U | MIN-200-12017 | | ICP-MS |
| V | MIN-200-12017 | | ICP/OES |
| W | MIN-200-12017 | | ICP-MS |

Method Summary

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D524110

PROJECT NO: CARIB001

ATTENTION TO: RICHARD BECK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|-----------|---------------|----------------------|----------------------|
| Y | MIN-200-12017 | | ICP-MS |
| Zn | MIN-200-12017 | | ICP-MS |
| Zr | MIN-200-12017 | | ICP-MS |

CLIENT NAME: UTM EXPLORATION SERVICES
PO BOX 5037
SMITHERS, BC V0J2N0

ATTENTION TO: RICHARD BECK

PROJECT NO: CARIB001

AGAT WORK ORDER: 11D524124

SOLID ANALYSIS REVIEWED BY: Ron Cardinal, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Sep 22, 2011

PAGES (INCLUDING COVER): 11

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 11D524124

PROJECT NO: CARIB001

5623 McADAM ROAD
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<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 22, 2011

SAMPLE TYPE: Rock

| Analyte: | Ag | Al | As | Au | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs |
|-------------------------|------|-------|------|-----|-----|-----|------|-------|-------|------|------|------|------|-------|
| Unit: | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.01 | 0.01 | 0.1 | 1 | 5 | 1 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.1 | 0.5 | 0.05 |
| 1049648 | 33.9 | 0.95 | 29.9 | 1 | <5 | 121 | 0.18 | 2.57 | 0.70 | 0.96 | 12.2 | 18.0 | 56.2 | 1.01 |
| 1049649 | 0.15 | 3.03 | 11.1 | <1 | <5 | 62 | 0.55 | 0.02 | 4.36 | 0.02 | 32.4 | 4.7 | 67.2 | 0.16 |
| 1049650 | 0.21 | 2.58 | 7.5 | <1 | 8 | 129 | 0.38 | 0.02 | 1.66 | 0.06 | 21.8 | 30.1 | 127 | 0.32 |
| 1049695 | 0.04 | 0.70 | 2.2 | <1 | <5 | 147 | 0.31 | 0.08 | 0.06 | 0.02 | 4.04 | 6.1 | 45.6 | 0.43 |
| 1049698 | 0.25 | 0.77 | 5.5 | <1 | <5 | 141 | 0.46 | 0.04 | 0.31 | 0.02 | 8.20 | 5.9 | 74.4 | 0.26 |
| 1049699 | 0.04 | 0.31 | 3.2 | <1 | <5 | 36 | 0.12 | 0.01 | 0.49 | 0.03 | 4.72 | 1.3 | 64.9 | 0.11 |
| 1049700 | 0.41 | 1.28 | 18.7 | <1 | <5 | 73 | 0.27 | 0.01 | 2.19 | 0.08 | 22.5 | 23.4 | 61.3 | 0.07 |
| 1049791 | 0.83 | <0.01 | 3.9 | <1 | 11 | <1 | 0.60 | 0.01 | <0.01 | 0.22 | 18.5 | 28.4 | <0.5 | 0.40 |
| 1049792 | 0.08 | 2.26 | 3.3 | <1 | 11 | 152 | 0.51 | 0.01 | 2.04 | 0.03 | 23.2 | 24.6 | 35.0 | 1.59 |
| 1049793 | 0.06 | 2.49 | 8.8 | <1 | 9 | 112 | 0.34 | 0.04 | 2.26 | 0.04 | 15.4 | 28.3 | 109 | 0.81 |
| 1049794 | 0.38 | 4.42 | 6.8 | <1 | 26 | 131 | 0.66 | 0.03 | 4.22 | 0.04 | 20.4 | 29.3 | 80.6 | 0.56 |
| 1049795 | 20.8 | 2.42 | 9.3 | <1 | <5 | 98 | 0.62 | 0.46 | 1.55 | 0.34 | 15.6 | 30.5 | 49.0 | 1.19 |
| 1049796 | 0.15 | 3.23 | 7.8 | <1 | 7 | 119 | 0.50 | 0.01 | 1.83 | 0.02 | 17.8 | 33.0 | 120 | 0.63 |
| 1049797 | 0.12 | 6.16 | 1.4 | <1 | 17 | 39 | 0.47 | <0.01 | 5.59 | 0.03 | 17.6 | 31.6 | 147 | 0.41 |
| 1049798 | 0.02 | 3.26 | 13.1 | <1 | 11 | 55 | 0.32 | 0.02 | 4.03 | 0.05 | 15.9 | 24.5 | 93.0 | <0.05 |
| 1049799 | 0.96 | 5.37 | 17.4 | <1 | 18 | 23 | 0.64 | 0.01 | 8.04 | 0.08 | 10.1 | 9.8 | 150 | 0.06 |
| 1049800 | 0.04 | 0.65 | 1.3 | <1 | <5 | 107 | 0.39 | <0.01 | 0.03 | 0.02 | 26.6 | 1.2 | 142 | 0.38 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524124

PROJECT NO: CARIB001

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FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 22, 2011

SAMPLE TYPE: Rock

| Analyte: | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn | Mo | Na |
|-------------------------|------|-------|------|-------|------|-------|-------|-------|------|------|-------|------|------|-------|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % |
| Sample Description RDL: | 0.1 | 0.01 | 0.05 | 0.05 | 0.02 | 0.01 | 0.005 | 0.01 | 0.1 | 0.1 | 0.01 | 1 | 0.05 | 0.01 |
| 1049648 | 10.5 | 4.48 | 1.87 | 0.07 | 0.09 | 3.83 | 0.032 | 0.11 | 5.8 | 1.8 | 0.54 | 1220 | 405 | 0.19 |
| 1049649 | 3520 | 5.61 | 7.85 | 0.10 | 0.30 | <0.01 | 0.091 | 0.11 | 15.5 | 10.9 | 3.96 | 6620 | 0.93 | 0.13 |
| 1049650 | 17.5 | 6.58 | 9.42 | 0.15 | 0.67 | <0.01 | 0.041 | 0.13 | 10.8 | 18.0 | 3.71 | 5150 | 0.57 | 0.22 |
| 1049695 | 23.0 | 2.67 | 1.88 | 0.06 | 0.06 | <0.01 | 0.050 | 0.18 | 2.1 | 2.3 | 0.10 | 844 | 0.43 | 0.13 |
| 1049698 | 11.0 | 2.65 | 2.58 | 0.06 | 0.16 | <0.01 | 0.046 | 0.16 | 4.6 | 20.0 | 0.29 | 1180 | 0.67 | 0.21 |
| 1049699 | 1.2 | 2.24 | 1.24 | <0.05 | 0.15 | <0.01 | 0.040 | 0.09 | 2.3 | 1.5 | 0.05 | 347 | 1.00 | 0.17 |
| 1049700 | 94.8 | 8.02 | 8.23 | 0.09 | 0.20 | <0.01 | 0.054 | 0.03 | 11.3 | 10.0 | 1.43 | 2780 | 0.79 | 0.24 |
| 1049791 | <0.1 | <0.01 | 15.4 | 0.20 | 0.82 | <0.01 | 0.051 | <0.01 | 8.0 | 28.1 | <0.01 | <1 | 1.09 | <0.01 |
| 1049792 | 11.9 | 6.67 | 10.8 | 0.12 | 0.37 | <0.01 | 0.040 | 0.31 | 10.8 | 18.0 | 1.42 | 2480 | 0.84 | 0.18 |
| 1049793 | 9.0 | 6.10 | 9.78 | 0.11 | 0.54 | <0.01 | 0.053 | 0.28 | 7.1 | 33.2 | 3.33 | 4160 | 0.43 | 0.13 |
| 1049794 | 142 | 6.63 | 18.0 | 0.28 | 0.82 | <0.01 | 0.057 | 0.09 | 9.8 | 44.5 | 3.63 | 5540 | 0.57 | 0.11 |
| 1049795 | 5900 | 7.56 | 13.4 | 0.10 | 0.31 | <0.01 | 0.048 | 0.13 | 7.2 | 22.0 | 2.39 | 3570 | 0.52 | 0.14 |
| 1049796 | 25.4 | 6.80 | 13.3 | 0.19 | 0.90 | <0.01 | 0.050 | 0.16 | 7.9 | 60.9 | 5.56 | 4860 | 0.34 | 0.11 |
| 1049797 | 20.2 | 6.16 | 18.7 | 0.20 | 0.47 | 0.02 | 0.043 | <0.01 | 7.9 | 38.6 | 4.69 | 6820 | 0.45 | 0.12 |
| 1049798 | 20.8 | 5.32 | 12.7 | 0.25 | 0.54 | 0.02 | 0.048 | 0.04 | 7.6 | 9.3 | 3.41 | 4550 | 0.64 | 0.18 |
| 1049799 | 430 | 4.30 | 20.3 | 0.31 | 0.31 | 0.01 | 0.040 | <0.01 | 4.7 | 8.5 | 1.30 | 3830 | 0.67 | 0.11 |
| 1049800 | 27.7 | 0.86 | 2.08 | 0.07 | 0.46 | 0.03 | 0.018 | 0.34 | 14.1 | 2.6 | 0.12 | 216 | 1.15 | 0.08 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524124

PROJECT NO: CARIB001

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 22, 2011

SAMPLE TYPE: Rock

| Analyte: | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te |
|-------------------------|------|------|------|------|------|--------|--------|-------|------|------|-----|------|-------|-------|
| Unit: | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.05 | 0.2 | 10 | 0.1 | 0.1 | 0.001 | 0.005 | 0.05 | 0.1 | 0.2 | 0.2 | 0.2 | 0.01 | 0.01 |
| 1049648 | 0.13 | 1.1 | 715 | 63.8 | 5.0 | 0.261 | 0.017 | 64.7 | 0.9 | 1.2 | 1.1 | 211 | <0.01 | 8.75 |
| 1049649 | 0.19 | 35.8 | 785 | 6.5 | 1.8 | <0.001 | 0.112 | 0.87 | 10.9 | 0.3 | 1.5 | 14.2 | <0.01 | <0.01 |
| 1049650 | 0.25 | 64.9 | 994 | 6.2 | 6.3 | <0.001 | 0.018 | 0.57 | 20.7 | 0.2 | 0.5 | 33.8 | <0.01 | <0.01 |
| 1049695 | 0.11 | 3.4 | 322 | 2.7 | 4.1 | <0.001 | <0.005 | 0.21 | 8.5 | <0.2 | 0.9 | 5.8 | <0.01 | <0.01 |
| 1049698 | 0.08 | 2.9 | 313 | 6.0 | 3.7 | <0.001 | <0.005 | 0.35 | 6.7 | <0.2 | 1.0 | 23.6 | <0.01 | <0.01 |
| 1049699 | 0.20 | 0.7 | 140 | 2.9 | 1.6 | <0.001 | 0.006 | 0.26 | 4.0 | <0.2 | 0.4 | 4.2 | <0.01 | <0.01 |
| 1049700 | 0.10 | 29.4 | 1110 | 8.5 | 0.6 | <0.001 | 0.025 | 0.28 | 18.2 | 0.3 | 1.0 | 18.6 | <0.01 | <0.01 |
| 1049791 | 0.15 | 1.2 | <10 | 315 | 2.6 | <0.001 | <0.005 | 0.18 | 24.8 | 0.4 | 0.9 | 21.5 | <0.01 | <0.01 |
| 1049792 | 0.35 | 16.2 | 1060 | 6.8 | 11.6 | <0.001 | 0.022 | 0.17 | 10.2 | 0.3 | 0.9 | 32.5 | <0.01 | <0.01 |
| 1049793 | 0.08 | 40.6 | 442 | 8.8 | 14.7 | <0.001 | 0.025 | 0.36 | 24.7 | 0.2 | 0.6 | 27.3 | <0.01 | 0.02 |
| 1049794 | 0.23 | 42.1 | 961 | 24.0 | 2.8 | <0.001 | 0.047 | 0.26 | 20.5 | 0.2 | 0.6 | 24.2 | <0.01 | <0.01 |
| 1049795 | 0.06 | 40.8 | 768 | 7.3 | 4.2 | <0.001 | 0.115 | 0.43 | 21.6 | 0.7 | 0.6 | 14.8 | <0.01 | <0.01 |
| 1049796 | 0.17 | 67.8 | 813 | 8.1 | 7.5 | <0.001 | 0.018 | 0.72 | 29.1 | 0.3 | 0.6 | 26.0 | <0.01 | <0.01 |
| 1049797 | 0.16 | 84.2 | 897 | 6.9 | 0.4 | <0.001 | 0.060 | 0.09 | 22.1 | 0.2 | 0.5 | 23.8 | <0.01 | <0.01 |
| 1049798 | 0.12 | 63.4 | 712 | 7.3 | 0.7 | <0.001 | 0.043 | 0.66 | 17.2 | <0.2 | 0.5 | 31.9 | <0.01 | <0.01 |
| 1049799 | 0.10 | 24.1 | 618 | 13.4 | 0.3 | <0.001 | 0.099 | 0.82 | 14.0 | <0.2 | 0.4 | 23.8 | <0.01 | <0.01 |
| 1049800 | 0.05 | 1.9 | 46 | 0.5 | 8.7 | <0.001 | <0.005 | <0.05 | 2.5 | <0.2 | 0.3 | 4.4 | <0.01 | <0.01 |

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524124

PROJECT NO: CARIB001

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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<http://www.agatlabs.com>

CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 22, 2011

SAMPLE TYPE: Rock

| Analyte: | Th | Ti | Tl | U | V | W | Y | Zn | Zr |
|-------------------------|------|--------|-------|------|------|------|------|------|------|
| Unit: | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Sample Description RDL: | 0.1 | 0.005 | 0.02 | 0.05 | 0.5 | 0.05 | 0.05 | 0.5 | 0.5 |
| 1049648 | 2.1 | 0.068 | 0.06 | 1.48 | 54.0 | 0.35 | 3.69 | 92.8 | 2.9 |
| 1049649 | 3.6 | 0.246 | <0.02 | 1.87 | 189 | 0.45 | 23.6 | 489 | 9.6 |
| 1049650 | 1.7 | 0.519 | 0.02 | 1.05 | 178 | 0.34 | 18.2 | 359 | 41.1 |
| 1049695 | 0.9 | 0.009 | 0.03 | 0.43 | 49.3 | 0.34 | 4.98 | 90.4 | 2.9 |
| 1049698 | 2.1 | 0.022 | 0.02 | 0.73 | 35.8 | 0.27 | 10.6 | 149 | 5.2 |
| 1049699 | 1.2 | 0.023 | <0.02 | 0.74 | 25.3 | 0.25 | 6.39 | 28.3 | 5.1 |
| 1049700 | 3.6 | 0.172 | <0.02 | 1.62 | 201 | 0.19 | 21.9 | 234 | 11.0 |
| 1049791 | 2.4 | <0.005 | <0.02 | 1.67 | 1.6 | 0.31 | 18.3 | <0.5 | 27.1 |
| 1049792 | 2.5 | 0.430 | 0.05 | 1.74 | 247 | 0.21 | 22.0 | 149 | 20.6 |
| 1049793 | 2.2 | 0.276 | 0.06 | 1.06 | 127 | 0.19 | 18.9 | 287 | 21.6 |
| 1049794 | 2.2 | 0.545 | <0.02 | 1.05 | 227 | 0.29 | 18.8 | 327 | 34.1 |
| 1049795 | 1.9 | 0.061 | 0.02 | 0.95 | 334 | 0.14 | 18.1 | 353 | 9.4 |
| 1049796 | 1.5 | 0.531 | 0.03 | 0.85 | 244 | 0.31 | 19.5 | 414 | 46.0 |
| 1049797 | 1.5 | 0.425 | <0.02 | 1.01 | 222 | 0.14 | 16.5 | 300 | 27.3 |
| 1049798 | 1.1 | 0.364 | <0.02 | 1.64 | 82.3 | 0.32 | 14.4 | 360 | 28.6 |
| 1049799 | 0.9 | 0.271 | <0.02 | 0.78 | 194 | 0.28 | 10.0 | 136 | 17.7 |
| 1049800 | 11.5 | <0.005 | 0.05 | 3.16 | 8.6 | 0.09 | 8.88 | 31.5 | 13.7 |

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D524124

PROJECT NO: CARIB001

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: RICHARD BECK

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 30, 2011

DATE RECEIVED: Sep 06, 2011

DATE REPORTED: Sep 22, 2011

SAMPLE TYPE: Rock

| Sample Description | Analyte: | Sample | Au |
|--------------------|----------|--------------|--------|
| | RDL: | Login Weight | ppm |
| | Unit: | kg | |
| 1049648 | | 2.08 | 0.001 |
| 1049649 | | 4.56 | 0.003 |
| 1049650 | | 1.82 | 0.003 |
| 1049695 | | 1.00 | 0.008 |
| 1049698 | | 2.06 | <0.001 |
| 1049699 | | 1.18 | 0.001 |
| 1049700 | | 1.16 | 0.002 |
| 1049791 | | 1.44 | <0.001 |
| 1049792 | | 1.00 | 0.002 |
| 1049793 | | 2.10 | 0.002 |
| 1049794 | | 2.62 | 0.001 |
| 1049795 | | 2.10 | 0.007 |
| 1049796 | | 1.28 | 0.006 |
| 1049797 | | 1.12 | <0.001 |
| 1049798 | | 1.02 | 0.001 |
| 1049799 | | 2.08 | 0.006 |
| 1049800 | | 1.58 | 0.001 |

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal

Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
 PROJECT NO: CARIB001

AGAT WORK ORDER: 11D524124
 ATTENTION TO: RICHARD BECK

| Solid Analysis | | | | | | | | | | | | |
|--|-------|-----------|-----------|---------|--------|--------------|--------------|--------------------|----------|-------------------|------|--|
| RPT Date: Sep 22, 2011 | | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | Result Value | | Expect Value | Recovery | Acceptable Limits | | |
| | | | | | | | Lower | | | Upper | | |
| Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074) | | | | | | | | | | | | |
| Ag | 1 | 2663806 | < 0.01 | < 0.01 | 0.0% | 0.11 | 34 | 35 | 98% | 80% | 120% | |
| Al | 1 | 2663806 | 0.954 | 0.972 | 1.9% | < 0.01 | | | | 80% | 120% | |
| As | 1 | 2663806 | 10.2 | 10.4 | 1.9% | < 0.1 | | | | 80% | 120% | |
| Au | 1 | 2663806 | 1.46 | < 0.01 | < 0.01 | < 0.01 | | | | 80% | 120% | |
| B | 1 | 2663806 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% | |
| Ba | 1 | 2663806 | 121 | 127 | 4.8% | < 1 | | | | 80% | 120% | |
| Be | 1 | 2663806 | 0.54 | 0.56 | 3.6% | < 0.05 | | | | 80% | 120% | |
| Bi | 1 | 2663806 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Ca | 1 | 2663806 | 0.705 | 0.709 | 0.6% | < 0.01 | | | | 80% | 120% | |
| Cd | 1 | 2663806 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Ce | 1 | 2663806 | 27.9 | 27.9 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Co | 1 | 2663806 | 3.23 | 3.42 | 5.7% | < 0.1 | | | | 80% | 120% | |
| Cr | 1 | 2663806 | 56.2 | 60.3 | 7.0% | < 0.5 | | | | 80% | 120% | |
| Cs | 1 | 2663806 | 1.01 | 0.16 | | < 0.05 | | | | 80% | 120% | |
| Cu | 1 | 2663806 | 10.5 | 10.7 | 1.9% | < 0.1 | 5355 | 5000 | 107% | 80% | 120% | |
| Fe | 1 | 2663806 | 4.48 | 4.51 | 0.7% | < 0.01 | | | | 80% | 120% | |
| Ga | 1 | 2663806 | 2.05 | 1.63 | 22.8% | < 0.05 | | | | 80% | 120% | |
| Ge | 1 | 2663806 | 0.07 | 0.11 | | 0.05 | | | | 80% | 120% | |
| Hf | 1 | 2663806 | 0.09 | 0.26 | | < 0.02 | | | | 80% | 120% | |
| Hg | 1 | 2663806 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| In | 1 | 2663806 | < 0.005 | < 0.005 | 0.0% | 0.156 | | | | 80% | 120% | |
| K | 1 | 2663806 | 0.110 | 0.118 | 7.0% | < 0.01 | | | | 80% | 120% | |
| La | 1 | 2663806 | 11.4 | 11.4 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Li | 1 | 2663806 | 9.8 | 9.8 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Mg | 1 | 2663806 | 0.538 | 0.547 | 1.7% | < 0.01 | | | | 80% | 120% | |
| Mn | 1 | 2663806 | 1220 | 1200 | 1.7% | < 1 | | | | 80% | 120% | |
| Mo | 1 | 2663806 | 0.93 | 1.54 | | < 0.05 | | | | 80% | 120% | |
| Na | 1 | 2663806 | 0.19 | 0.20 | 5.1% | < 0.01 | | | | 80% | 120% | |
| Nb | 1 | 2663806 | 0.13 | 0.17 | 26.7% | < 0.05 | | | | 80% | 120% | |
| Ni | 1 | 2663806 | 1.08 | 1.17 | 8.0% | < 0.2 | | | | 80% | 120% | |
| P | 1 | 2663806 | 715 | 721 | 0.8% | < 10 | | | | 80% | 120% | |
| Pb | 1 | 2663806 | 4.80 | 5.38 | 11.4% | 0.3 | | | | 80% | 120% | |
| Rb | 1 | 2663806 | 5.55 | 5.44 | 2.0% | < 0.1 | | | | 80% | 120% | |
| Re | 1 | 2663806 | 0.261 | 0.001 | | < 0.001 | | | | 80% | 120% | |
| S | 1 | 2663806 | 0.0173 | 0.0175 | 1.1% | < 0.005 | | | | 80% | 120% | |
| Sb | 1 | 2663806 | < 0.05 | 0.41 | | < 0.05 | | | | 80% | 120% | |
| Sc | 1 | 2663806 | 10.2 | 10.4 | 1.9% | < 0.1 | | | | 80% | 120% | |
| Se | 1 | 2663806 | < 0.2 | < 0.2 | 0.0% | 1.4 | | | | 80% | 120% | |
| Sn | 1 | 2663806 | 1.13 | 1.40 | 21.3% | < 0.2 | | | | 80% | 120% | |
| Sr | 1 | 2663806 | 12.7 | 13.0 | 2.3% | 1.3 | | | | 80% | 120% | |
| Ta | 1 | 2663806 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Te | 1 | 2663806 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Th | 1 | 2663806 | < 0.1 | < 0.1 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Ti | 1 | 2663806 | 0.068 | 0.069 | 1.5% | < 0.005 | | | | 80% | 120% | |

Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D524124

PROJECT NO: CARIB001

ATTENTION TO: RICHARD BECK

| Solid Analysis (Continued) | | | | | | | | | | | | |
|--|-------|-----------|-----------|---------|-------|--------------|--------------|--------------------|----------|-------------------|-------|--|
| RPT Date: Sep 22, 2011 | | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | Result Value | | Expect Value | Recovery | Acceptable Limits | | |
| | | | | | | | | | | Lower | Upper | |
| Tl | 1 | 2663806 | 3.51 | 3.78 | 7.4% | < 0.02 | | | | 80% | 120% | |
| U | 1 | 2663806 | 1.48 | 1.89 | 24.3% | < 0.05 | | | | 80% | 120% | |
| V | 1 | 2663806 | 54.0 | 54.7 | 1.3% | < 0.5 | | | | 80% | 120% | |
| W | 1 | 2663806 | < 0.05 | < 0.05 | 0.0% | < 0.05 | | | | 80% | 120% | |
| Y | 1 | 2663806 | 22.6 | 22.9 | 1.3% | < 0.05 | | 7 | | 80% | 120% | |
| Zn | 1 | 2663806 | 92.8 | 95.0 | 2.3% | < 0.5 | | | | 80% | 120% | |
| Zr | 1 | 2663806 | 7.54 | 7.80 | 3.4% | < 0.5 | | | | 80% | 120% | |
| Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074) | | | | | | | | | | | | |
| Ag | 1 | 2663822 | 0.04 | 0.03 | 28.6% | < 0.01 | 41 | 35 | 116% | 80% | 120% | |
| Al | 1 | 2663822 | 0.65 | 0.67 | 3.0% | < 0.01 | | | | 80% | 120% | |
| As | 1 | 2663822 | 1.3 | 1.2 | 8.0% | < 0.1 | | | | 80% | 120% | |
| Au | 1 | 2663822 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| B | 1 | 2663822 | < 5 | < 5 | 0.0% | < 5 | | | | 80% | 120% | |
| Ba | 1 | 2663822 | 107 | 109 | 1.9% | < 1 | | | | 80% | 120% | |
| Be | 1 | 2663822 | 0.389 | 0.418 | 7.2% | < 0.05 | | | | 80% | 120% | |
| Bi | 1 | 2663822 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Ca | 1 | 2663822 | 0.03 | 0.03 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Cd | 1 | 2663822 | 0.02 | 0.02 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Ce | 1 | 2663822 | 26.6 | 27.9 | 4.8% | < 0.01 | | | | 80% | 120% | |
| Co | 1 | 2663822 | 1.2 | 1.2 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Cr | 1 | 2663822 | 142 | 133 | 6.5% | < 0.5 | | | | 80% | 120% | |
| Cs | 1 | 2663822 | 0.384 | 0.387 | 0.8% | < 0.05 | | | | 80% | 120% | |
| Cu | 1 | 2663822 | 27.7 | 26.5 | 4.4% | < 0.1 | 5244 | 5000 | 105% | 80% | 120% | |
| Fe | 1 | 2663822 | 0.86 | 0.91 | 5.6% | < 0.01 | | | | 80% | 120% | |
| Ga | 1 | 2663822 | 2.08 | 2.08 | 0.0% | < 0.05 | | | | 80% | 120% | |
| Ge | 1 | 2663822 | 0.067 | 0.060 | 11.0% | < 0.05 | | | | 80% | 120% | |
| Hf | 1 | 2663822 | 0.461 | 0.432 | 6.5% | < 0.02 | | | | 80% | 120% | |
| Hg | 1 | 2663822 | 0.026 | 0.020 | 26.1% | < 0.01 | | | | 80% | 120% | |
| In | 1 | 2663822 | 0.0181 | 0.0188 | 3.8% | < 0.005 | | | | 80% | 120% | |
| K | 1 | 2663822 | 0.34 | 0.35 | 2.9% | < 0.01 | | | | 80% | 120% | |
| La | 1 | 2663822 | 14.1 | 14.1 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Li | 1 | 2663822 | 2.6 | 2.6 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Mg | 1 | 2663822 | 0.12 | 0.12 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Mn | 1 | 2663822 | 216 | 222 | 2.7% | < 1 | | | | 80% | 120% | |
| Mo | 1 | 2663822 | 1.15 | 1.12 | 2.6% | < 0.05 | | | | 80% | 120% | |
| Na | 1 | 2663822 | 0.08 | 0.08 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Nb | 1 | 2663822 | 0.053 | 0.043 | 20.8% | < 0.05 | | | | 80% | 120% | |
| Ni | 1 | 2663822 | 1.88 | 1.83 | 2.7% | < 0.2 | | | | 80% | 120% | |
| P | 1 | 2663822 | 46 | 45 | 2.2% | < 10 | | | | 80% | 120% | |
| Pb | 1 | 2663822 | 0.5 | 0.5 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Rb | 1 | 2663822 | 8.7 | 8.6 | 1.2% | < 0.1 | | | | 80% | 120% | |
| Re | 1 | 2663822 | < 0.001 | < 0.001 | 0.0% | < 0.001 | | | | 80% | 120% | |
| S | 1 | 2663822 | < 0.005 | < 0.005 | 0.0% | < 0.005 | | | | 80% | 120% | |

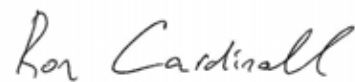
Quality Assurance

 CLIENT NAME: UTM EXPLORATION SERVICES
 PROJECT NO: CARIB001

 AGAT WORK ORDER: 11D524124
 ATTENTION TO: RICHARD BECK

| Solid Analysis (Continued) | | | | | | | | | | | | |
|--|-------|-----------|-----------|---------|-------|--------------|--------------|--------------------|----------|-------------------|------|--|
| RPT Date: Sep 22, 2011 | | | REPLICATE | | | | Method Blank | REFERENCE MATERIAL | | | | |
| PARAMETER | Batch | Sample Id | Original | Rep #1 | RPD | Result Value | | Expect Value | Recovery | Acceptable Limits | | |
| | | | | | | | Lower | | | Upper | | |
| Sb | 1 | 2663822 | < 0.05 | < 0.05 | 0.0% | < 0.05 | | | | 80% | 120% | |
| Sc | 1 | 2663822 | 2.5 | 2.5 | 0.0% | < 0.1 | | | | 80% | 120% | |
| Se | 1 | 2663822 | < 0.2 | < 0.2 | 0.0% | < 0.2 | | | | 80% | 120% | |
| Sn | 1 | 2663822 | 0.3 | 0.3 | 0.0% | < 0.2 | | | | 80% | 120% | |
| Sr | 1 | 2663822 | 4.4 | 4.4 | 0.0% | < 0.2 | | | | 80% | 120% | |
| Ta | 1 | 2663822 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Te | 1 | 2663822 | < 0.01 | < 0.01 | 0.0% | < 0.01 | | | | 80% | 120% | |
| Th | 1 | 2663822 | 11.5 | 11.8 | 2.6% | < 0.1 | | | | 80% | 120% | |
| Ti | 1 | 2663822 | < 0.005 | < 0.005 | 0.0% | < 0.005 | | | | 80% | 120% | |
| Tl | 1 | 2663822 | 0.052 | 0.055 | 5.6% | < 0.02 | | | | 80% | 120% | |
| U | 1 | 2663822 | 3.16 | 3.23 | 2.2% | < 0.05 | | | | 80% | 120% | |
| V | 1 | 2663822 | 8.58 | 7.82 | 9.3% | < 0.5 | | | | 80% | 120% | |
| W | 1 | 2663822 | 0.09 | 0.09 | 0.0% | < 0.05 | | | | 80% | 120% | |
| Y | 1 | 2663822 | 8.88 | 8.88 | 0.0% | < 0.05 | | 7 | | 80% | 120% | |
| Zn | 1 | 2663822 | 31.5 | 30.5 | 3.2% | < 0.5 | | | | 80% | 120% | |
| Zr | 1 | 2663822 | 13.7 | 12.7 | 7.6% | < 0.5 | | | | 80% | 120% | |
| Fire Assay - Trace Au, ICP-OES finish (202052) | | | | | | | | | | | | |
| Au | 1 | 2663806 | 0.001 | 0.007 | | < 0.001 | 0.177 | 0.203 | 87% | 80% | 120% | |
| Fire Assay - Trace Au, ICP-OES finish (202052) | | | | | | | | | | | | |
| Au | 1 | 2663817 | 0.0066 | 0.0051 | 25.6% | < 0.001 | | | | 80% | 120% | |

Certified By:



Method Summary

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D524124

PROJECT NO: CARIB001

ATTENTION TO: RICHARD BECK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|----------------|---------------|----------------------|----------------------|
| Solid Analysis | | | |
| Ag | MIN-200-12017 | | ICP-MS |
| Al | MIN-200-12017 | | ICP/OES |
| As | MIN-200-12017 | | ICP-MS |
| Au | MIN-200-12017 | | ICP-MS |
| B | MIN-200-12017 | | ICP/OES |
| Ba | MIN-200-12017 | | ICP-MS |
| Be | MIN-200-12017 | | ICP-MS |
| Bi | MIN-200-12017 | | ICP-MS |
| Ca | MIN-200-12017 | | ICP/OES |
| Cd | MIN-200-12017 | | ICP-MS |
| Ce | MIN-200-12017 | | ICP-MS |
| Co | MIN-200-12017 | | ICP-MS |
| Cr | MIN-200-12017 | | ICP/OES |
| Cs | MIN-200-12017 | | ICP-MS |
| Cu | MIN-200-12017 | | ICP-MS |
| Fe | MIN-200-12017 | | ICP/OES |
| Ga | MIN-200-12017 | | ICP-MS |
| Ge | MIN-200-12017 | | ICP-MS |
| Hf | MIN-200-12017 | | ICP-MS |
| Hg | MIN-200-12017 | | ICP-MS |
| In | MIN-200-12017 | | ICP-MS |
| K | MIN-200-12017 | | ICP/OES |
| La | MIN-200-12017 | | ICP-MS |
| Li | MIN-200-12017 | | ICP-MS |
| Mg | MIN-200-12017 | | ICP/OES |
| Mn | MIN-200-12017 | | ICP/OES |
| Mo | MIN-200-12017 | | ICP-MS |
| Na | MIN-200-12017 | | ICP/OES |
| Nb | MIN-200-12017 | | ICP-MS |
| Ni | MIN-200-12017 | | ICP-MS |
| P | MIN-200-12017 | | ICP/OES |
| Pb | MIN-200-12017 | | ICP-MS |
| Rb | MIN-200-12017 | | ICP-MS |
| Re | MIN-200-12017 | | ICP-MS |
| S | MIN-200-12017 | | ICP/OES |
| Sb | MIN-200-12017 | | ICP-MS |
| Sc | MIN-200-12017 | | ICP-MS |
| Se | MIN-200-12017 | | ICP-MS |
| Sn | MIN-200-12017 | | ICP-MS |
| Sr | MIN-200-12017 | | ICP-MS |
| Ta | MIN-200-12017 | | ICP-MS |
| Te | MIN-200-12017 | | ICP-MS |
| Th | MIN-200-12017 | | ICP-MS |
| Ti | MIN-200-12017 | | ICP/OES |
| Tl | MIN-200-12017 | | ICP-MS |
| U | MIN-200-12017 | | ICP-MS |
| V | MIN-200-12017 | | ICP/OES |
| W | MIN-200-12017 | | ICP-MS |
| Y | MIN-200-12017 | | ICP-MS |

Method Summary

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D524124

PROJECT NO: CARIB001

ATTENTION TO: RICHARD BECK

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|---------------------|---------------|--|----------------------|
| Zn | MIN-200-12017 | | ICP-MS |
| Zr | MIN-200-12017 | | ICP-MS |
| Sample Login Weight | MIN-12009 | | BALANCE |
| Au | MIN-200-12006 | BUGBEE, E: A Textbook of Fire Assaying | ICP-OES |

Appendix II: Lab Methodology



Mining Division
SPECIFICATIONS



AGAT Laboratories

Service Beyond Analysis ■ www.agatlabs.com



MINING DIVISION SPECIFICATIONS

AGAT Method Code: 201 074

AGAT SOP: MIN-200-12018

Method Description: This uses the Aqua Regia Digestion technique and the ICP-OES/ICP-MS.

Solubility of elements can be dependent on the mineral species present and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analyte.

Sample split size: 1 g

Steps

1. Aqua Regia Digestion
2. Prepared samples are digested with Aqua Regia for one hour using temperature controlled hot blocks.
3. Resulting digests are diluted to 50 mL with de-ionized water.
4. To finish, ICP-OES/ICP-MS instrumentation are used for analysis

Blanks, sample replicates, duplicates and internal reference materials, both aqueous and geo-chemical standards are routinely used as part of AGAT Laboratories quality assurance program.

Instrumentation and Techniques

- PerkinElmer 7300DV and 8300DV ICP-OES instruments and PerkinElmer 9000 and PerkinElmer NexION ICP-MS instruments are used in the analysis.
- Inter-Element Correction (IEC) techniques are used to correct for any spectral interferences.

AGAT Method Code: 202 052, 202 054

AGAT SOP: MIN-200-120006

Method Description: Lead Fusion Fire Assay with Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) are conducted to determine the content of gold, platinum and palladium in geological samples

Sample split size: 30 g

Steps

- Prepared samples are fused using accepted fire assay techniques
- After the samples are cupelled and parted in nitric acid and hydrochloric acid

Blanks, sample replicates, duplicates and internal reference materials, both aqueous and geo-chemical standards are routinely used as part of AGAT Laboratories quality assurance program.

Instrumentation Used

- PerkinElmer 7300DV and 8300DV ICP-OES instruments are used in the analysis.

AGAT Method Code: 202 064

AGAT SOP: MIN-200-120004

Method Description: Lead Fusion Fire Assay with Gravimetric finish are performed to find the determination of gold and silver in mineralogical samples.

Sample split size: 30 g

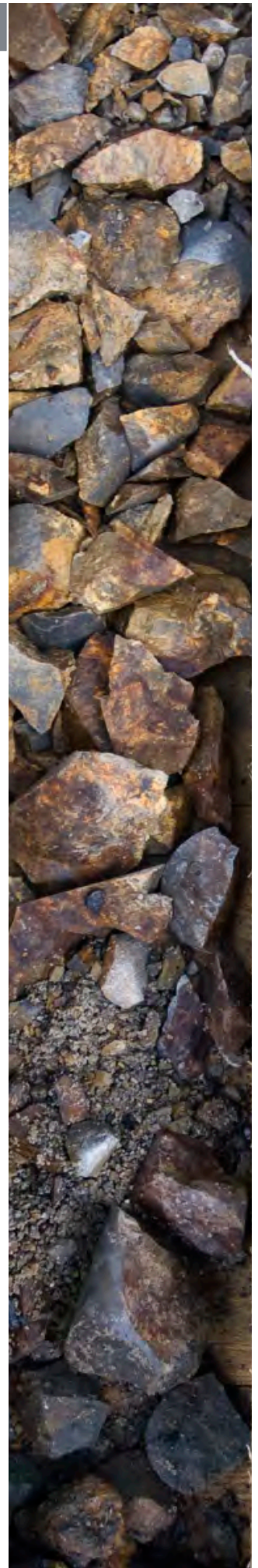
Steps

- Prepared samples are fused using accepted fire assay techniques
- After the samples are cupelled and parted in nitric acid.

Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geo-chemical standards) are routinely used as part of AGAT Laboratories quality assurance program.

Instrumentation Used

- Mettler Toledo XP6 microbalances are used in the analysis.





Mining Division ▪ Terrace

AGAT Method Code: 226 022, 226 001, 226 006, 226 012

AGAT SOP: MIN-12008, MIN-12009, MIN-12010, MIN-12011, MIN-200-12012, MIN-12013, MIN-200- 12013

Steps

1. Sample Reception – Laboratory Information Management System (LIMS)
2. Mining, drying of geological samples
3. Mining branches, crushing mineralogical samples
4. Mining branches, sample size reduction of mineralogical samples
5. Mining branches, milling of mineralogical samples
6. Standard operating procedure for compressed air usage
7. Compressed air usage – mining branches.

Sample Reception

- Samples will arrive via courier, client drop-off or picked up by AGAT Laboratories or an AGAT Laboratories representative.
- Samples are inspected and compared to the Chain of Custody (COC) and logged into the AGAT LIMS program.
- Deviations from the COC are noted in AGAT's Sample Integrity Report (SIR) and sent immediately to the client via email and posted on the clients AGAT webMINING account.

Drying: Specified samples are dried to 60°C.

Crushing and Splitting: Unless instructed by the client, specified samples are crushed to 75 per cent passing 10 mesh (2mm) and split to 250 g using a Jones riffler splitter or rotary split.

Pulverizing: Unless instructed by the client, specified samples are pulverized to 85 per cent passing 200 mesh (75µm).

Screening: After drying specific sample are shaken on an 80 mesh sieve with the plus fraction stored and the minus fraction sent to the laboratory for analysis.

All equipment are cleaned using quartz and air from a compressed air source. Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories quality assurance program.

Instrumentation Used

- Rocklabs Boyd Crusher with RSD Combo, TM Terminator Crushers, TM TM-2 Pulverizers are routinely used in sample preparation procedures.

Appendix III: Soil Sample Data

| Caribou | | | | | | | | | | | |
|----------|----------|---------|---------|-------------|---------|---------|------|------|------|-------|---|
| Matrix | | | | | | | | | | | |
| Sample # | Northing | Easting | Horizon | Soil Colour | Cobbles | Pebbles | Clay | Silt | Sand | Photo | Comments |
| 1049540 | 6063202 | 582406 | AE | dark brown | 1 | 9 | 40 | 25 | 25 | | Sub alpine area close ot camp. Very small B horizon |
| 1049541 | 6062983 | 582395 | B | rich brown | 2 | 13 | 40 | 25 | 20 | | South edge of claim |
| 1049542 | 6063002 | 582198 | B | dark brown | 8 | 22 | 20 | 40 | 10 | | *edge of claim runs below ridge with lots of outcrop. Photos of ridge taken #1-2 |
| 1049543 | 6062998 | 581996 | B | dark brown | 3 | 7 | 10 | 60 | 20 | | southwest corner of claim. Dirt is really soft. |
| 1049544 | 6063207 | 581997 | B | brown | 2 | 8 | 70 | 10 | 10 | | next to creek |
| 1049545 | 6063192 | 582213 | B | dark brown | 1 | 9 | 5 | 45 | 40 | | in swampy area |
| 1049546 | 6063400 | 581999 | B | rich brown | 1 | 9 | 15 | 65 | 10 | | |
| 1049547 | 6063628 | 581998 | B | rich brown | 10 | 20 | 30 | 20 | 20 | | site moved out of snow field. Claim post here. Photos 3 and 4 and note # 1 |
| 1049548 | 6063798 | 581999 | B | dark brown | 3 | 12 | 15 | 60 | 10 | | on top of cliff. NE facing slope. |
| 1049549 | 6063640 | 582181 | B | rich brown | 5 | 25 | 20 | 20 | 30 | 10 | photo #10 |
| 1049550 | 6063401 | 582203 | B | rich brown | 2 | 13 | 50 | 25 | 10 | | |
| 1049619 | 6063401 | 582404 | B | rich brown | 1 | 9 | 30 | 45 | 15 | | sub alpine near marsh next to camp |
| 1049620 | 6063181 | 582583 | B | brown | 0 | 1 | 79 | 15 | 5 | | sample taken of inside corner of creek. Large outcrop nearby. Outcrop has good example of stratigraphy(no sample taken very close to camp.) |
| 1049621 | 6062995 | 582595 | B | brown | 4 | 16 | 10 | 50 | 20 | | mostly rounded cobbles and pebbles. S edge of claim. |
| 1049622 | 6063000 | 582800 | B | rich brown | 1 | 4 | 30 | 40 | 25 | | S edge of claim |
| 1049623 | 6062998 | 583002 | B | rich brown | 2 | 18 | 35 | 15 | 30 | | S edge of claim |
| 1049624 | 6063202 | 582998 | B | brown | 1 | 9 | 20 | 50 | 20 | | Creek is 20 m south of station. Sample taken on ridge top |
| 1049625 | 6063395 | 583001 | B | rich brown | | 10 | 70 | 15 | 5 | | Sample in marshy area. Found foresty tag. See notes. |
| 1049626 | 6063599 | 583004 | B | rich brown | | 20 | 40 | 10 | 30 | | Edge of large meadow - marshy. |
| 1049627 | 6063804 | 582996 | B | rich brown | 1 | 4 | 10 | 65 | 20 | | |
| 1049628 | 6064005 | 583004 | B | brown | 0 | 10 | 35 | 35 | 20 | | |
| 1049629 | 6064000 | 582799 | B | rich brown | 1 | 9 | 5 | 50 | 35 | | Strong AE horizon. Cliffs 30m north. |
| 1049630 | 6063800 | 582805 | B | brown | 10 | 20 | 20 | 20 | 30 | | |
| 1049631 | 6062600 | 582600 | B | brown | 10 | 15 | 25 | 10 | 40 | | |
| 1049632 | 6063231 | 582806 | B | brown | 0 | 5 | 35 | 40 | 20 | | next to creek |
| 1049633 | 6063145 | 583214 | B | dark brown | 1 | 19 | 55 | 15 | 10 | | outcrop is in creek below site |
| 1049634 | 6063001 | 583201 | B | rich brown | 0 | 10 | 30 | 50 | 10 | | |

| | | | | | | | | | | | |
|---------|---------|--------|---|------------|----|----|----|----|----|-----|---|
| 1049635 | 6063003 | 583394 | B | brown | 1 | 14 | 30 | 45 | 10 | | steep north facing forested slope |
| 1049636 | 6062994 | 583601 | B | brown | 0 | 5 | 20 | 40 | 35 | | site next to creek. Telkwa andesite outcrop in creek |
| 1049637 | 6063005 | 583798 | B | rich brown | 1 | 14 | 5 | 35 | 45 | | |
| 1049638 | 6063012 | 584000 | B | dark brown | 2 | 18 | 50 | 10 | 20 | | southeast corner of claim |
| 1049639 | 6063209 | 583996 | B | rich brown | 3 | 17 | 10 | 20 | 50 | | east edge of claim |
| 1049640 | 6063399 | 583997 | B | rich brown | 1 | 14 | 25 | 30 | 30 | | |
| 1049641 | 6063605 | 584001 | B | brown | 3 | 12 | 35 | 40 | 10 | | |
| 1049642 | 6063808 | 584008 | B | brown | 1 | 9 | 30 | 30 | 30 | | |
| 1049643 | 6064000 | 584002 | B | dark brown | 0 | 10 | 75 | 10 | 5 | | |
| 1049644 | 6064204 | 584001 | B | brown | 0 | 5 | 80 | 5 | 10 | | |
| 1049645 | 6064407 | 584007 | B | brown | 1 | 9 | 50 | 35 | 5 | | |
| 1049646 | 6064601 | 584000 | B | brown | 0 | 7 | 63 | 20 | 10 | | |
| 1049647 | 6064806 | 584003 | B | brown | 0 | 5 | 70 | 20 | 5 | | |
| 1049651 | 6065010 | 584001 | B | brown | 2 | 13 | 60 | 20 | 5 | | Northeast corner of claim |
| 1049652 | 6065000 | 583798 | B | brown | 1 | 14 | 25 | 55 | 5 | | North edge of claim |
| 1049653 | 6064800 | 583789 | B | rich brown | 2 | 13 | 20 | 35 | 30 | | |
| 1049654 | 6064602 | 583599 | B | rich brown | 0 | 5 | 40 | 45 | 10 | | on ridge near marshy area |
| 1049655 | 6064407 | 583400 | B | brown | 1 | 14 | 40 | 35 | 10 | | on west side of ridge. Difficult to get B horizon might be A |
| 1049656 | 6064202 | 583192 | B | dark brown | 2 | 13 | 25 | 25 | 35 | | |
| 1049657 | 6064001 | 583194 | B | rich brown | 0 | 7 | 53 | 30 | 10 | | In between to rocky knolls |
| 1049658 | 6063795 | 583200 | B | dark brown | 5 | 15 | 50 | 20 | 10 | | |
| 1049659 | 6063594 | 583202 | B | brown | 0 | 5 | 75 | 15 | 5 | | |
| 1049660 | 6063576 | 582808 | B | brown | 1 | 9 | 30 | 55 | 5 | | next to swamp |
| 1049661 | 6063397 | 582603 | B | dark brown | 0 | 5 | 45 | 35 | 15 | | |
| 1049662 | 6063387 | 583203 | B | brown | 1 | 19 | 2 | 45 | 33 | | On steep slope NE of gully. Outcrop is Telkwa andacite. Rock sample #4. |
| 1049663 | 6063401 | 583401 | B | brown | 2 | 8 | 5 | 65 | 20 | | |
| 1049664 | 6063400 | 583597 | B | brown | 5 | 5 | 50 | 30 | 10 | | Small flat meadow on bench |
| 1049665 | 6063205 | 583407 | B | brown | 5 | 20 | 10 | 35 | 30 | | SE facing slope on bench. Scree slopes nearby. |
| 1049666 | 6063202 | 583597 | B | brown | 25 | 20 | | 25 | 30 | #12 | Sample below outcrop on scree slope. Outcrop similar to rock sample #4 |
| 1049667 | 6063197 | 583797 | B | rich brown | 1 | 14 | 0 | 65 | 20 | | 50 degree slope. E facing. |
| 1049668 | 6063400 | 583800 | B | rich brown | 3 | 12 | 5 | 50 | 30 | | |
| 1049669 | 6063596 | 583797 | B | brown | 10 | 15 | 25 | 35 | 15 | | 30 degree slope. E facing. |
| 1049670 | 6063799 | 583799 | B | brown | 10 | 10 | 5 | 60 | 15 | | 30 degree slope. E facing. |
| 1049671 | 6063998 | 583800 | B | brown | 1 | 9 | 80 | 5 | 5 | | Angular cobbles. Rounded pebbles. |

| | | | | | | | | | | | |
|---------|---------|--------|---|--------------|----|----|----|----|----|---|--|
| 1049672 | 6064197 | 583797 | B | rich brown | 10 | 20 | 10 | 55 | 5 | | |
| 1049673 | 6064400 | 583799 | B | brown | 1 | 14 | 65 | 5 | 15 | | Beside small creek. |
| 1049674 | 6064598 | 583807 | B | rich brown | 0 | 10 | 5 | 50 | 35 | | |
| 1049675 | 6064400 | 583600 | B | brown | 10 | 20 | 60 | 5 | 5 | | |
| 1049676 | 6064200 | 583604 | B | brown | 0 | 3 | 17 | 65 | 15 | | Some AE horizon probably in sample. |
| 1049677 | 6064000 | 583599 | B | brown | 5 | 15 | 0 | 40 | 40 | | |
| 1049678 | 6063802 | 583605 | B | brown | 12 | 23 | 50 | 5 | 10 | | Sample in small gully |
| 1049679 | 6063600 | 583590 | B | dark brown | 0 | 20 | 35 | 30 | 15 | | Crossed rock slab in between last site and this one. Possibly telkwa andacite |
| 1049680 | 6063597 | 583396 | B | brown | 5 | 25 | 60 | 5 | 5 | | Just on edge of large swampy meadow |
| 1049681 | 6063600 | 582451 | B | rich brown | 1 | 4 | 0 | 80 | 15 | | Along top of ridge. 50m east of station. |
| 1049682 | 6063734 | 582593 | B | orange brown | 0 | 10 | 35 | 40 | 15 | | Station moved to top of ridge |
| 1049683 | 6064196 | 583004 | B | brown | 15 | 40 | 5 | 15 | 25 | | Cliff above station sample on scree slope |
| 1049684 | 6064200 | 583403 | B | rich brown | 10 | 15 | 25 | 35 | 15 | | |
| 1049685 | 6064002 | 583401 | B | rich brown | 2 | 8 | 20 | 65 | 5 | | |
| 1049686 | 6063800 | 583405 | B | rich brown | 2 | 13 | 35 | 40 | 10 | | |
| 1049687 | 6063403 | 582799 | B | brown | 1 | 9 | 50 | 10 | 30 | | In meadow |
| 1049688 | 6063806 | 582211 | B | dark brown | 20 | 30 | 10 | 30 | 10 | | Sample just below cliffs on west side of drainage. Rock sample #10 taken as well. |
| 1049689 | 6064000 | 582001 | B | brown | 5 | 10 | 20 | 50 | 15 | | West edge of claim |
| 1049690 | 6064201 | 581996 | B | rich brown | 3 | 12 | 25 | 20 | 40 | | On E facing slope. Very rocky ground. Thick AE horizon. |
| 1049691 | 6064394 | 582007 | B | brown | 10 | 40 | 5 | 5 | 40 | | 10m above creek. Very steep slope. Rocky. |
| 1049692 | 6064514 | 582011 | B | orange brown | 1 | 4 | 10 | 60 | 25 | | Strong AE horizon. Rocky ground |
| 1049693 | 6064798 | 582000 | B | rich brown | 5 | 20 | 20 | 50 | 5 | | |
| 1049694 | 6065001 | 582001 | B | dark brown | 20 | 30 | 0 | 10 | 40 | | Station in rock gully in NW corner of claim. Rock sample # 12. |
| 1049696 | 6065007 | 582198 | B | brown | 15 | 40 | 0 | 20 | 25 | | Near top of ridge. Very rocky. South facing slope. North edge of claim |
| 1049697 | 6065003 | 528402 | B | rich brown | 25 | 25 | 0 | 25 | 25 | | Possibly AE horizon. Soil is washed out |
| 1049751 | 6064803 | 582200 | B | brown | 5 | 15 | 20 | 45 | 15 | | |
| 1049752 | 6064602 | 582202 | B | rich brown | 1 | 14 | 25 | 45 | 15 | | |
| 1049753 | 6064407 | 582194 | B | brown | 7 | 28 | 35 | 15 | 15 | | Just south of creek on steep slope |
| 1049754 | 6064200 | 582200 | B | rich brown | 5 | 20 | 30 | 30 | 15 | | Hemlock forest with widely spaced trees and lots of under growth |
| 1049755 | 6063976 | 582225 | B | orange brown | 1 | 9 | 10 | 50 | 30 | | sample moved due to cliff |
| 1049756 | 6063803 | 582396 | B | brown | 5 | 20 | 10 | 35 | 30 | | in creek gully |
| 1049757 | 6063994 | 582403 | B | brown | 10 | 25 | 10 | 25 | 30 | Y | on small ridge in gully. Photo taken of out crop |

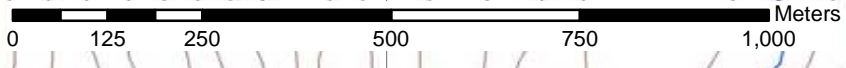
| | | | | | | | | | | | |
|---------|---------|--------|---|--------------|----|----|----|----|----|--|---|
| 1049758 | 6064201 | 582399 | B | rich brown | 5 | 15 | 5 | 35 | 40 | | next to creek |
| 1049759 | 6064394 | 582397 | B | brown | 10 | 35 | 5 | 10 | 40 | | at creek confluence. Very muddy |
| 1049760 | 6064600 | 582398 | B | brown | 2 | 8 | 15 | 45 | 30 | | |
| 1049761 | 6064800 | 582400 | B | rich brown | 10 | 40 | 0 | 20 | 30 | | |
| 1049762 | 6064999 | 582605 | B | rich brown | 10 | 40 | 0 | 25 | 25 | | North edge of claim |
| 1049763 | 6064998 | 582801 | B | rich brown | 7 | 23 | 0 | 40 | 30 | | North edge of claim. East of large outcrop. Very rocky ground |
| 1049764 | 6064802 | 582620 | B | brown | 7 | 23 | 25 | 25 | 20 | | |
| 1049765 | 6064596 | 582606 | B | brown | 0 | 5 | 40 | 35 | 20 | | just northwest of creek. Difficult to find much B horizon |
| 1049766 | 6064810 | 582793 | B | orange brown | 10 | 25 | 15 | 35 | 15 | | |
| 1049767 | 6065004 | 582995 | B | brown | 10 | 25 | 30 | 15 | 20 | | north edge of claim just east of creek |
| 1049768 | 6064800 | 582997 | B | brown | 10 | 15 | 65 | 5 | 5 | | |
| 1049769 | 6065001 | 583195 | B | brown | 0 | 0 | 95 | 2 | 3 | | Difficult to find soil that wasn't predominately clay in this area. |
| 1049770 | 6064803 | 583200 | B | brown | 0 | 10 | 75 | 5 | 10 | | |
| 1049771 | 6064998 | 583998 | B | orange brown | 3 | 12 | 0 | 65 | 20 | | Rocky slope |
| 1049772 | 6064801 | 583411 | B | rich brown | 20 | 30 | 10 | 10 | 30 | | Steep rocky slope. Rock sample #16 taken. Walked base of cliff for 40m. |
| 1049773 | 6065001 | 583603 | B | rich brown | 15 | 20 | 50 | 5 | 10 | | Small bench on steep N facing slope. |
| 1049774 | 6064803 | 583607 | B | brown | 10 | 25 | 15 | 20 | 30 | | |
| 1049775 | 6064605 | 583408 | B | brown | 35 | 20 | 15 | 5 | 25 | | bench on steep slope |
| 1049776 | 6064417 | 583332 | B | brown | 12 | 18 | 40 | 25 | 5 | | station moved-too cliffy. 100m south of station on bench |
| 1049777 | 6063998 | 582600 | B | brown | 25 | 25 | 0 | 20 | 30 | | Station between scree slopes. Very rocky. Lots of interesting rock. Not far from NH showing (on map). 70m below cliffs. |
| 1049778 | 6064261 | 582842 | B | dark brown | 20 | 60 | 5 | 5 | 10 | | Lots of scree. Station moved to find some dirt. |
| 1049779 | 6064424 | 583012 | B | dark brown | 20 | 25 | 5 | 25 | 25 | | Cliffs 50m above station. Station moved to find dirt. Scree slope/ rock slide area. |
| 1049780 | 6064597 | 582993 | B | rich brown | 25 | 35 | 10 | 5 | 25 | | AE horizon is over 8" thick. Have to dig deep to find dirt. |
| 1049781 | 6064598 | 582803 | B | rich brown | 0 | 5 | 60 | 25 | 10 | | Samples are now out of scree in low area beside creek |
| 1049782 | 6064399 | 582801 | B | dark brown | 20 | 40 | 0 | 15 | 25 | | |
| 1049783 | 6064401 | 582604 | B | rich brown | 7 | 18 | 10 | 45 | 20 | | Rocky ground but good B horizon |
| 1049784 | 6064194 | 582602 | B | brown | 1 | 29 | 50 | 15 | 5 | | thick AE horizon |

Appendix IV: Rock Sample Data

582000

583000

Caribou Property
Rock Sample Locations 2011
UTM Exploration Services Ltd.



Rock Sample Locations 2011
Sample Number
Cu ppm ▲ Au ppb
Mo ppm ▼ Ag ppm

- Subject Claims
 - Adjacent and Overlapping Claims
 - Tenure Road
 - Existing Cat Trails
 - Bridges
 - 50K Trim Light Road
 - 50K Trim Contours
 - 50K Trim Watercourses
 - 50K Trim Water
 - Private Land
 - Cutblocks
- Scale 1:10,000
Data provided by: Geogratix, LRDW
Projection: NAD 83 UTM Zone 9
- Drawn by TH/UTM Exploration Services
Office: (250)877-3740
email: tara@utmexploration.com

895898

1049796
25.4 ▲ <1
0.34 ▼ 0.15

1049792
11.9 ▲ <1
0.84 ▼ 0.08

1049698
11 ▲ <1
0.67 ▼ 0.25

1049699
1.2 ▲ <1
1 ▼ 0.04

1049791
<0.1 ▲ <1
1.09 ▼ 0.83

NH Showing

1049700
94.8 ▲ <1
0.79 ▼ 0.41

895875

1049797
20.2 ▲ <1
0.45 ▼ 0.12

1049798
20.8 ▲ <1
0.64 ▼ 0.02

1049650
17.5 ▲ <1
0.57 ▼ 0.21

1049793
9 ▲ <1
0.43 ▼ 0.06

1049649
3520 ▲ <1
0.93 ▼ 0.15

1049795
5900 ▲ <1
0.52 ▼ 20.8

1049799
430 ▲ <1
0.67 ▼ 0.96

1049800
27.7 ▲ <1
1.15 ▼ 0.04

1049794
142 ▲ <1
0.57 ▼ 0.38

1049695
23 ▲ <1
0.43 ▼ 0.04

895903

1049648
10.5 ▲ <1
405 ▼ 33.9

582000

583000

6066000

6065000

6064000

6063000

6066000

6065000

6064000

6063000