

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Mapping, Geochemical Survey, Geophysics

TOTAL COST: 600,277.11

AUTHOR(S): Anastasia Ledwon, P.Geo SIGNATURE(S): "signed and sealed"

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A YEAR OF WORK: 2010

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5016807 - 2011/sep/23

PROPERTY NAME: Blackwater West

CLAIM NAME(S) (on which the work was done): 641685, 834367, 834998, 835014

COMMODITIES SOUGHT: Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: _____

MINING DIVISION: Omineca NTS/BCGS: UTM Zone 10

LATITUDE: 53 ° 11 ' _____ " LONGITUDE: 124 ° 55 ' _____ " (at centre of work)

OWNER(S):
1) New Gold Inc. 2) _____

MAILING ADDRESS:
3110 - 666 Burrard Street, Vancouver, BC, V6C 2X8

OPERATOR(S) [who paid for the work]:
1) Geo Minerals 2) _____

MAILING ADDRESS:

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

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: _____

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	<u>115km2</u>	<u>641685, 834367, 834998, 835014</u>	<u>43,908.06</u>
Photo interpretation	<u>N/A</u>		
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	<u>N/A</u>		
Electromagnetic	<u>N/A</u>		
Induced Polarization	<u>37.9km</u>	<u>641685, 834367, 834998</u>	<u>273,372.60</u>
Radiometric	<u>N/A</u>		
Seismic	<u>N/A</u>		
Other	<u>N/A</u>		
Airborne	<u>N/A</u>		
GEOCHEMICAL (number of samples analysed for...)			
Soil	<u>1000</u>	<u>641685, 834367, 834998, 835014</u>	<u>250,000</u>
Silt	<u>N/A</u>		
Rock	<u>65</u>	<u>641685, 834367, 834998, 835014</u>	<u>32,586.50</u>
Other	<u>N/A</u>		
DRILLING (total metres; number of holes, size)			
Core	<u>N/A</u>		
Non-core	<u>N/A</u>		
RELATED TECHNICAL			
Sampling/assaying	<u>N/A</u>		
Petrographic	<u>N/A</u>		
Mineralographic	<u>N/A</u>		
Metallurgic	<u>N/A</u>		
PROSPECTING (scale, area)			
	<u>N/A</u>		
PREPARATORY / PHYSICAL			
Line/grid (kilometres)	<u>N/A</u>		
Topographic/Photogrammetric (scale, area)	<u>N/A</u>		
Legal surveys (scale, area)	<u>N/A</u>		
Road, local access (kilometres)/trail	<u>N/A</u>		
Trench (metres)	<u>N/A</u>		
Underground dev. (metres)	<u>N/A</u>		
Other	<u>N/A</u>		
		TOTAL COST:	<u>600,227.11</u>

A GEOLOGICAL AND GEOPHYSICAL REPORT ON THE BLACKWATER WEST PROPERTIES

OMINECA MINING DIVISION, BRITISH COLUMBIA

NTS 93F 016/026

53.183° N

124.93° E

Tenure #s: 641685, 834367, 834998, 835014

Owners:

GEO MINERALS LTD
VANCOUVER, BC

**BC Geological Survey
Assessment Report
33077**

Prepared by:

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Smithers, BC

OCT 27 2011

Table of Contents

1. Summary	4
2. Introduction and Terms of Reference	6
2.1 Disclaimer.....	6
3. Property Description	6
3.1 Accessibility and Infrastructure	6
3.2 Mineral Tenure Information	6
3.3 Physiography and Climate	8
4. History	8
5. Geological Setting	9
5.1 Regional Setting.....	9
5.2 Local Geology.....	10
5.3 Mineralization and Alteration	11
6. Exploration	12
6.1 Mapping and Prospecting.....	12
6.2 Soil Sampling Program	19
6.2.1 Methodology and Procedure	19
6.2.2 Results.....	19
6.3 IP and Line Cutting.....	24
6.3.1 Methodology and Procedure.....	24
6.3.2 Results.....	24
7. Sampling	44
7.1 Sampling Method and Approach.....	44
7.2 Sample Preparation, Analyses, and Security	44
7.3 Data Verification	44
8. Reclamation	44
9. Interpretation and Conclusions	45
10. Recommendations	45
11. Statement of Costs	46
12. References	49
13. Statement of Qualifications	50
Appendix I: AGAT Analytical Technique	51
Appendix II: 2011 Prospecting- Certificates of Analysis	53
Appendix III: 2011 Soil Sampling-- Certificates of Analysis	71
Appendix IV: CDN Resource Laboratories Ltd. - Standard CDN-CM-10, CDN-BL-9 and CDN-CM-12	231
Appendix V: Blackwater West Rock Sample Data	240
Appendix VI: A Geological Map of the Blackwater West Claims	247

Table of Figures

Figure 1. Blackwater West Property Location Map.	5
Figure 2. Blackwater West Mineral Tenures, 2011.	7
Figure 3. Geology of the Blackwater West Claims with Gold Rock Assays.	17
Figure 4. Geology of the Blackwater West Claims with Silver Rock Assays.	18
Figure 5. Blackwater West Gold-in-Soil Assay Results for 2010-2011.	21
Figure 6. Blackwater West Silver-in-Gold Assay Results 2010-2011.	23
Figure 7. Blackwater West IP Claim 834367 Line 0700E.	25
Figure 8. Blackwater West IP Claim 834367 Line 1000E.	26
Figure 9. Blackwater West IP Claim 834367 Line 1300E.	27
Figure 10. Blackwater West IP Claim 834367 Line 1600E.	28
Figure 11. Blackwater West IP Claim 834367 Line 1900E.	29
Figure 12. Blackwater West IP Claim 834990 Line 9200E.	30
Figure 13. Blackwater West IP Claim 834998 Line 9500E.	31
Figure 14. Blackwater West IP Claim 834998 Line 9800E.	32
Figure 15. Blackwater West IP Claim 834998 Line 10100E.	33
Figure 16. Blackwater West IP Claim 641685 Line 0400E.	34
Figure 17. Blackwater West IP Claim 641685 Line 0700E.	35
Figure 18. Blackwater West IP Claim 641685 Line 1000E.	36
Figure 19. Blackwater West IP Claim 641685 Line 1300E.	37
Figure 21. Blackwater West IP Claim 641685 Line 1900E.	39
Figure 22. Blackwater West IP Claim 641685 Line 2200E.	40
Figure 23. Blackwater West IP Claim 641685 Line 2500E.	41
Figure 24. Blackwater West IP Claim 641685 Line 2800E.	42
Figure 25. 2011 Blackwater West IP Program.	43

Tables

Table 1. Blackwater West Mineral Tenures.	8
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1. Summary

Between mid-June and mid-August, 2011 soil sampling, mapping, prospecting, and IP were all conducted on the Blackwater West Property. The property is located approximately 100km south of Vanderhoof in the Omineca Mining Division of British Columbia (Figure 1).

A 1000-sample soil grid was designed to find any possible zones with anomalous precious metals in soil, while a comprehensive mapping and prospecting program was carried out to find mineralized rocks, measure structure, and create a geologic map of the claims. Concurrent with and after these programs, 57.15km of line was cut for IP. Walcott and Associates conducted 37.9km of IP survey after this line was cut.

The program was carried out for Geo Minerals Ltd, a public mineral exploration company, by UTM Exploration Services Ltd., of Smithers, BC, under the direction of Mr. R. Weiker, P.Geol for Geo Minerals.

The Blackwater property is comprised of four partially-contiguous mineral tenures covering 1472.15 hectares of land within NTS map sheet 093F 016/026

Bedrock on the property consists of various volcanic units of the Cretaceous to Eocene Ootsa Lake Group and Oligocene to Miocene Endako Group dominated by andesite, rhyolite, and volcanic breccia with localized crystal tuff. Government mapping indicates granite and monzonite to the West. This suggests that the claims may be underlain by intrusives to some extent. During the 2011 mapping program, granite was mapped within one of the claims.

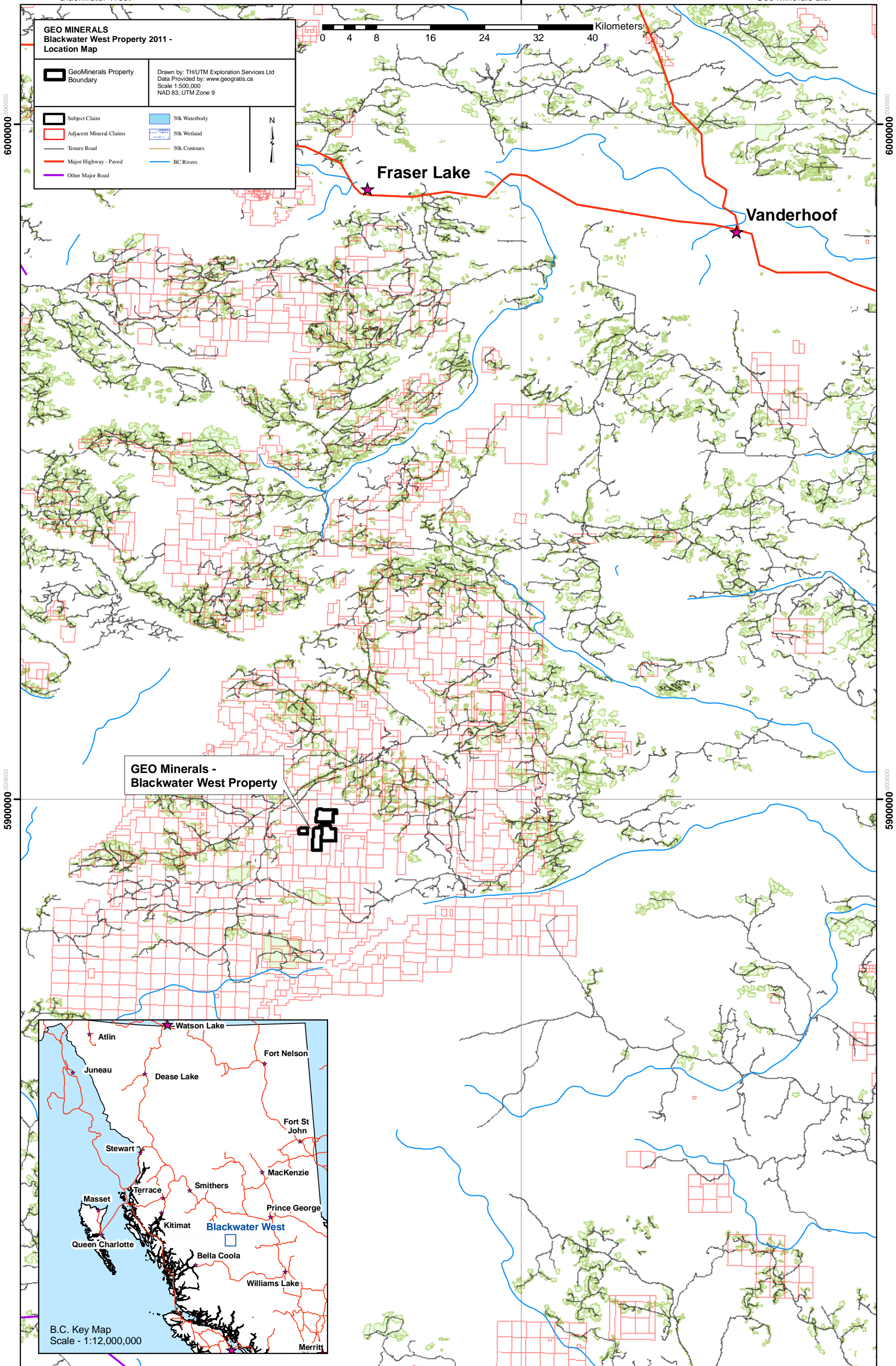


Figure 1. Property Location Map.

2. Introduction and Terms of Reference

The management of Geo Minerals Ltd has commissioned this report. The report documents all the results of the 2011 grassroots exploration program and outlines all significant changes to the geological database. This report is based upon an extensive review and compilation of previous area assessment reports as well as publicly available geological and scientific papers.

The report has almost no basis in previous work on the properties, as there has been almost none conducted. UTM Exploration Services Ltd, of Smithers, BC designed and supervised the 2011 exploration program in conjunction with Mr. Robert Weicker, P. Geo. The Project Manager, Justin Rensby, of UTM Exploration Services Ltd, was responsible for much of the mapping and prospecting as well as all QA/QC procedures onsite. All work was done according to accepted “best practices” for the industry.

2.1 Disclaimer

Implementation of the 2011 exploration program and the writing of this report have relied heavily upon the previous experiences in the area of Robert Weicker and the surface geological maps of the GSC and BCGS. The author has also relied upon the geologic reports submitted for neighbouring properties by assorted authors.

3. Property Description

3.1 Accessibility and Infrastructure

The Blackwater West property is located in the Omineca Mining Division of north-central British Columbia on NTS 93F 016/026 at latitude 53.183° N (Northing 5894367) and longitude 124.93° W (Easting 371032), UTM Zone 10, NAD 83.

The property is accessible (to within 200m) via all-season roads from the town of Vanderhoof. Directions to the property as follows: travel south from Vanderhoof on the Kenney Dam Rd for 25km. Turn left (south) onto the Kluskus Forest Service Rd and travel 128km to the Newgold Mine Rd. Turn left and the claims are all located just off of this road between km's 6.5 and 12.5 on either side of the road.

3.2 Mineral Tenure Information

The Blackwater West Property is comprised of four semi-contiguous mineral tenures (Figure 2). The tenures cover 1472.15 hectares of land within NTS map sheet 093F016/026 and are centrally located at latitude 53.183° N and longitude 124.93° W. All of the tenures are 100% owned by Geo Minerals Ltd, a publicly trading mineral exploration company based in Vancouver, BC. Anniversary dates of the tenures are listed in Table 1.

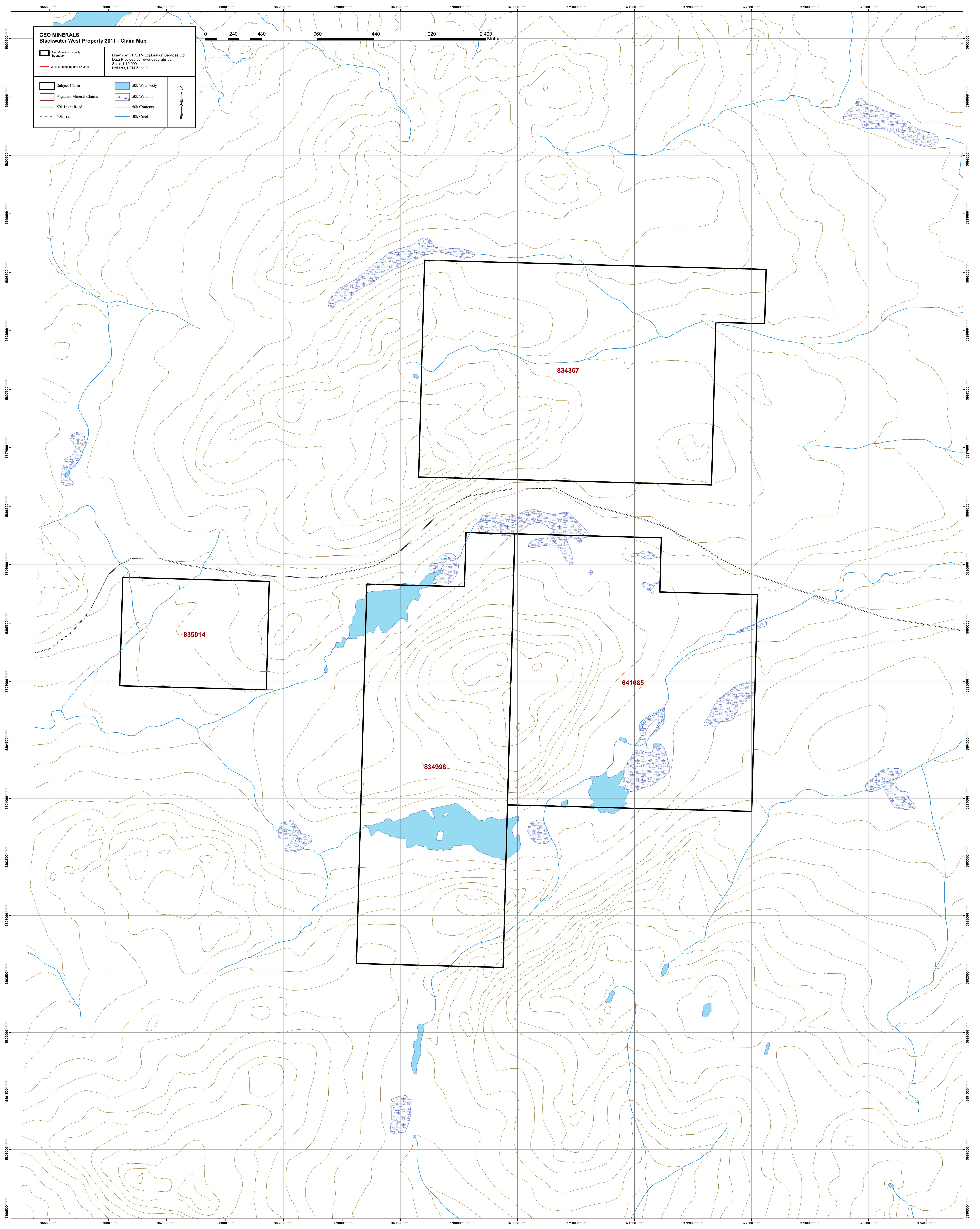


Figure 2. Blackwater West Mineral Claim Location Map.

Table 1. Blackwater West Mineral Tenures.

Claim Name	Tenure #	Area (ha)	Claim Type	Expiry Date
RICHFIELDADJACENTCC	641685	445.58	Mineral	Nov. 26, 2014
RICH 1	834367	484.06	Mineral	Nov. 26, 2014
RICH 2	834998	426.28	Mineral	Nov. 26, 2014
DAVE	835014	116.23	Mineral	May 4, 2012

3.3 Physiography and Climate

The terrain is moderate to steep, ranging from 1285m to 1610m in elevation. Lower elevations are a mix of swamp/ wetlands and widely spaced immature lodgepole pine, balsam, and spruce. Lowlands include Deep Lake and several swamp-creek-lake chains. Upper elevations vary locally from swamp/ wetlands to widely spaced mature pine, spruce, and balsam forests to immature dense balsam forests. Pine Beetle infestation has decimated the mature pine forests and there is great mortality in many over-mature spruce stands. Understory vegetation is a mix of brush types from hellebore to white rhododendron to native grasses due to the locally fresh to very dry site mix.

Climate is Intermontane Transitional and is characteristically continental with short warm summers and long, cold winters. Annual temperatures range from -40°C to 30°C. The area is semi-arid with an annual average precipitation of 40cm. Snowfall is variable and maximum accumulations of greater than 2m occur at higher elevations.

Summers are short and often rainy at higher elevations but due to locally thin soils there are many seasonal drainages with flows decreasing progressively over the summer months. Snow accumulations can persist from late September through June over much of the property.

4. History

Tipper (1963) geologically mapped the region for the GSC. Diakow, Webster, Levson, and Giles (1994) mapped the area in greater detail for the BCGS.

The Blackwater Property has undergone very little exploration in the past. In the 1960's Rio-Tinto Canadian Exploration Ltd conducted soil geochemical analysis and this has been the basis for much of the exploration in the area since then, with several deposits in the area having been identified through this soil sampling and subsequent follow-up of anomalies by Granges Exploration, AB in the 1970's and beyond. Granges themselves held part of the present day Blackwater West claims as the FAW 1, FAW 2, and BLACK 7 claims in 1994, and mapped glacial features in the very SE of the present day Blackwater West claims as well as structural lineaments that bisect the Blackwater West claims. In 1994 Granges took soil samples from the southern reaches of present day claim 834998 with no anomalous values worthy of investigation noted within the boundaries of the present day claim. Granges conducted geophysics to the east-southeast

of the Blackwater claims in the area of the Blackwater-Davidson deposit in 1977 but they did not hold claim of the FAW claims until 1991 and BLACK 7 was claimed in 1994.

There are historic cut lines that are at least 15 years old that were found on claim 641685 during line cutting and the limited mapping that was carried over into claim 641685 when claim 834998 was being mapped. No cut lines were found anywhere else and it is unclear whether the few north-south cut lines that were found were for geochemical sample collection or for geophysics. Stumps on the lines were very high (up to 60cm high) so geochemistry seems more likely than geophysics. In all likelihood they relate to Granges 1994 exploration program. In addition to aforementioned work, in 1994 Granges contracted a Dighem^V V electromagnetic/ resistivity/ magnetic/ radiometric/ VLF airborne survey and no anomalies were noted in what is now the southeast corner of the Blackwater West claims.

In 1982 BP Minerals, Ltd mapped, prospected, trenched, stream sediment sampled, and soil sampled on their Range claims approximately 2km West of the present day Blackwater West claims. Anomalies were found and recommendations were made for follow-up work but there are very little records of follow-up work.

Immediately East of claim 834998 and South of claim 641685 (possibly minor overlap), lie the historic Becky-Jo mineral claims. These claims were soil sampled in 1986 by then owner-operator David Rozek. That year 100 soil samples were taken, mostly from the Becky-Jo claims. There were minor Ag anomalies worthy of note but no follow-up work was done.

Although the Blackwater West claims have little record of exploration activity the area overall has been very active with several known deposits in the area—most of which are being presently explored and developed. The exception is the Wolf Deposit 20km to the west as it is within Entiako Provincial Park.

NewGold (Blackwater-Davidson), Silverquest (Capoose, 3T's), and TTM (Chu) all have deposits nearby they are developing while Amarc also has large land holdings in the area. They are many other smaller operators in the area/ region as it has been under heavy exploration since the early 2000's.

5. Geological Setting

5.1 Regional Setting

The Blackwater property is located within the Nechako Plateau division of the Interior Plateau and is part of the Stikine Terrane of the Intermontane Belt. Rocks on the claims are mostly Ootsa Lake Group volcanics with possible minor Endako Group volcanics. These are continental volcanics. In a regional context the Blackwater West claims lie on a down-dropped block of Cretaceous and Tertiary volcanics in an area dominated by uplifted Jurassic Hazelton Group basement rocks of island arc affinity—ie volcanics and sedimentary rocks. This is referred to as the Nechako Uplift and there are also more than one proximal intrusive of Cretaceous to Tertiary age including the Cretaceous Capoose Batholith.

5.2 Local Geology

Most property geology is based upon the 2011 exploration program and is described in detail under the mapping/ prospecting and IP program subheadings. BCGS regional mapping defines the whole claims zone as undifferentiated Neogene volcanics.

Most rock types on the claims are best described by Strate, 2010 from the mapping claim 641685:

Porphyry (Po) float occurs in low lying areas, including along Davidson Creek and adjacent to marshes. In the western portion of the claim area, porphyry float boulders have a fine grained grey to red hematite altered groundmass with 10-50% plagioclase lath/shards. In the eastern claim area, porphyry has a similarly fine grained groundmass, but with <10% plagioclase laths and with quartz phenocrysts.

Overlying this unit is a crystal tuff (XT), with fine grained grey to green to red (or pink) groundmass, scattered mm scale polyolithic clasts, and <10% feldspar and quartz phenocrysts, including distinctive smoky black quartz eyes. Tuffs variably have glass shards and black phlogopite crystals.

Volcanic breccia (pyroclastic) (VBx and VBxM) is the predominant lithology on the claim; occurring across the claim as float, and as outcrop and subcrop on the main hill. On the northern flank of the hill, some volcanic breccia unit includes megaclasts or bombs up to 30cm of flow banded rhyolite. Volcanic breccia appears to overlie the crystal tuff. The volcanic breccias are generally matrix supported, with angular mm to cm scale polyolithic volcanic (porphyritic intermediate volcanic +/- rhyolite) clasts, volcanic glass, and rarely with fiamme. Breccias variably have mm scale smoky black quartz eyes and feldspar phenocrysts. Clast and groundmass colour vary with alteration; green sericite and red hematite, and grey siliceous alteration being the most common types.

Flow banded rhyolite (Rhy) crops out as small (<10m diameter) plugs intruding volcanic breccias on top of the main hill, as clasts in the volcanic breccias and tuffs, and in a 100m wide east-west band on the northern flank of the hill; suggesting multiple events of rhyolite emplacement. The rhyolite plug volcanic breccias contact on the hill is sharp, unaltered and unmineralized. The rhyolite is cream to buff in colour, with siliceous flow bands and rarely cm scale spherulites. Rhyolite is commonly weakly kaolinite clay altered.

Ash tuff (AT) appears to overlie the volcanic breccias; this unit has a fine grained groundmass with rare mm scale polyolithic clasts, and <10% plagioclase feldspar phenocrysts.

A discrete area of andesite (And) float overlies the Ootsa Lake Group volcanics in the northwestern area of the claim. The andesite is a medium to dark grey-green, in places with knots of hornblende porphyroblasts.

A single occurrence of dark grey vesicular basalt (Bas) float is associated with andesite, representing recent volcanic activity.

These descriptions are based upon the mapping of only claim 641685 in 2010 so they do not encompass all rock types found during the 2011 mapping program but they do suit almost all rock types encountered during the 2011 project and give a good general description of the rocks on the property.

5.3 Mineralization and Alteration

Very little mineralization was found. There was very minor gossan or hematite and most of that was related to intermediate rocks with higher iron content. In one small area (approx. 300m x 30m) there was pyrite enrichment to as high as 5% with an unidentified cubic in appearance, sub translucent, reddish brown, very fine-grained mineral present in same rocks. Other than this “mineralized zone” there was nowhere with greater than 1% pyrite and no other sulphides were seen.

Abundant alterations were found on the property. Silicification is almost universal across all rock types and areas of the claims. A lack of silicification is more uncommon than silicification. It would appear that more resilient, silicified rocks have weathered much more slowly as a majority of outcrop and subcrop found was silicified while float was composed of a mixture of silicified and less or not silicified rocks.

Chlorite alteration was found to be patchy but across the spectrum of rock types. Occasionally strong in mostly rhyolites and andesites, chlorite was not accompanied by any significant mineralization. Often chlorite was found in conjunction with sericite and silicification and occasionally it was found in rhyolites in conjunction with potassic alteration. Again, no significant mineralization was found in conjunction with the chloritic-potassic alteration.

Kaolinite alteration was very weak and localized on the claims. Volcanic breccias and rhyolites were occasionally kaolinite altered and andesite tuffs were also rarely kaolinite altered. The previously discussed “mineralized zone” was composed entirely of rhyolite that was pervasively weak to moderately kaolinite altered.

An unidentified light rose pink alteration was also seen in rhyolite and was sampled but neither was it associated with mineralization or pathfinder minerals nor did it contain any grade, even weak, when assayed. It is possible that the pink alteration is garnet as extremely minor local garnet alteration was seen in rhyolite. The euhedral garnets <2mm that were seen were brown not pink and are presumed to be spessartine garnets like those seen at the Blackwater-Davidson and Capoose deposits. Again, no mineralization was encountered in association with garnet alteration.

6. Exploration

The 2011 exploration program was directed at expanding the knowledge of Blackwater West geology and towards generating drill targets by:

1. Mapping and prospecting the claims in their entirety.
2. Soil sampling on all claims not previously sampled with infill sampling in anomalous zones from 2010 soil sampling on claim 641685.
3. IP survey across the entirety of the claims.

Budget constraints and a lack of permission from a neighbouring claims owner, Newgold, to conduct some work on their claims resulted in the scope of the program changing over the period the work was conducted. Originally more IP survey was planned than was conducted and soil samples were spaced at 100m intervals instead of the originally planned 50m intervals. It is not believed that these changes affected the net success of the project.

6.1 Mapping and Prospecting

Geologists Justin Rensby, Glenda Wyatt, and Lauren Walker all participated in the mapping and prospecting of claims 835014, 834998, and 834367 with minor coverage into neighbouring claims including previously partially mapped claim 641685. This work was carried out between June 15, 2011 and Aug 1, 2011. The bulk of the work was completed between June 15, 2011 and July 9, 2011. Two assistants, Curtis Rensby and Mindy Herbert, were also used from June 16- June 26, 2011. All data was collected using NAD 83 UTM co-ordinates. From this groundwork, the maps in Figures 3 and 4 and Appendix VI were created.

Overall outcrop exposure is limited and patchy—hills often have higher percentage exposure and flatter areas often have no outcrop. Float boulders were thus used in many areas to infer contacts, and it is believed mostly successfully. Boulder usage is complicated by the abundant glacial moraines but in many areas gives an excellent guide to underlying rock. It does not, however, guarantee 100% accuracy as in many situations it is a best guess scenario.

Due to the lack of outcrop the claims were covered at a very tight traverse distance with ground often being traversed at intervals of 25m to 100m. This allowed for a good picture to be painted even in areas with minimal outcrop. It also meant that a good structural record was made when outcrop was encountered.

As part of the mapping program, 65 rock samples were taken and sent to the lab (AGAT Labs of Terrace, BC) for assay. Three blanks and two standards are included in

this count. Each unit encountered in outcrop was sampled in several locations and several float samples were also taken. GPS coordinates and rock descriptions were recorded for each sample (Appendix V). Very little mineralization was found and most of this was in the form of pyrite as <2% of the rock. No other sulphides were seen. All samples were stored in a secure location onsite and then securely transported directly to the laboratory by UTM personnel. As with all soil samples from this program, samples were assayed at AGAT Labs, Terrace, BC, using a standard 46-element ICP package plus a 30-gram Au fire assay with an AA finish. Atomic Absorption analyses were performed on all over-limits Ag, Cu, Zn, and Pb samples. Over-limits Au samples were analyzed by a 30-gram fire assay with a gravimetric finish. A complete description of AGAT Labs analytical techniques for ICP-AES and assay procedures is presented in Appendix I, and the Certificates of Analysis are attached as Appendix II. AGAT Labs is an ISO 9000 certified laboratory.

The data gathered en route to the making of the geologic map combined with previous regional mapping has led to the following conclusions:

Two main geological units are present throughout the claims: **Ootsa Lake Group** (Late Cretaceous to Eocene felsic to intermediate volcanics), and possibly **Endako Group** (Oligocene to Miocene andesitic and basaltic flows) andesites flows. A third geologic age is believed present in the form of a younger rhyolite-felsic dyke, age unknown and there is an unknown age intrusive in claim 835014. All rocks locally show variable evidence of silicification, chloritization, sericitization, hematization, and kaolinite alteration—possibly indicative of an epithermal system.

Claim 835014 contains a completely different geology than the rest of the claims as it is inferred that an intrusive is present. It is unclear whether it is from the nearby Cenozoic or Mesozoic intrusive suites. The rock is granitic to granodioritic, coarse grained, and locally somewhat monzonitic. Composition varies with Qz-Feld-Kspar-Bio all present as crystals and to varying concentrations. Biotite concentrations vary from <1% to 25% of the rock locally. Qz and feldspar generally are about 30% of the rock each and potassic feldspar varies strongly in a similar fashion to Biotite. Surrounding the granitic intrusion are Ootsa Lake volcanics. Neither mineralization nor veining was found at or proximal to the perceived granite- volcanics contacts.

Structurally the claims have undergone folding and faulting with unequal uplift or down drop having occurred in a subaerial environment. It is believed that much of this activity can be attributed to the intrusive found in outcrop just (<3km) to the West. Much of the claims are covered in repeating units and it is believed that there are folds that often strike in a 225 to 250 corridor with subparallel faulting. Water systems (ie lakes and swamp corridors) on these claims are perceived to be fault systems in most cases and have been mapped as such in the past by previous workers. Interpretation of the folding is complicated by rhyolite doming which is apparent in several locations. There is also what appears to be andesite coning/ doming in at least one location. Neither parasitic folding nor secondary lineations were found in the rock but this may also be a function of silicification as silicified rocks have been preferentially preserved and much structure has

been “washed out” by the silicification—indicating much of the silicification was late stage. There are also localized strong faults oriented in a NNE direction. The cause of these faults is unknown but they may be related to the perceived rhyolite dyke that appears to strike in a subparallel direction to these faults. There is strong silicification, patchy strong chlorite, and some moderate kaolinite alteration related to these faults as well.

Ootsa Lake Group

It should be noted that rock descriptions for mapping conducted on claim 641685 by Strate and Henderson, 2010 are already perfectly descriptive of most of the rocks seen. They therefore were used in this report for the geology, where applicable, rather than creating new descriptions.

The oldest unit mapped in 2011 is a crystal tuff (XT), with fine-grained grey to green to red (or pink) groundmass, scattered mm scale polyolithic clasts, and <10% feldspar and quartz phenocrysts, including distinctive smoky black quartz eyes. Tuffs variably have glass shards and black phlogopite crystals. There are only minor indications of this unit in claim 834367 and it was previously mapped in claim 641685.

Volcanic breccia (pyroclastic) (VBX) is a dominant lithology on the claims; occurring across the claims as float, subcrop, and outcrop. In several locations some volcanic breccia units include megaclasts or bombs up to 30cm and composed of flowbanded rhyolite or of andesite. It is believed that a 5m in diameter flow banded rhyolite plug that was seen within a volcanic breccia outcrop may in fact be a megaclast. Volcanic breccia appears to overlie the crystal tuff. The volcanic breccias are generally matrix supported, with angular mm to cm scale polyolithic volcanic (porphyritic intermediate volcanic +/- rhyolite and andesite) clasts, volcanic glass, and rarely with fiamme. Breccias variably have mm scale smoky black quartz eyes and feldspar phenocrysts to 5mm. Clast and groundmass colour vary with alteration; green sericite, red hematite, and grey siliceous alteration being the most common types but also a cream coloured version (weak kaolinite alteration) was seen as well. Volcanic breccias by their very nature are highly friable and erode at a much higher rate than other rocks within the claims (unless silicified) and this factor was often taken into consideration when mapping the claims.

Locally flow banded rhyolite (RHY) crops out as small plugs to large massive flows associated with volcanic breccias, as clasts in the volcanic breccias and tuffs, and in generally east-west bands in claims 835014 and 834998 as well as locally in the southeast of claim 834367. In some cases, bedding measurements indicate rhyolite domes being built. This suggests multiple events of rhyolite emplacement. There can be shown to be some continuity to the volcanics as often when a rhyolite to volcanic breccia or andesite contact was found a dacitic or intermediate phase was found at the contact. The rhyolite plug to volcanic breccias or andesites contacts were unmineralized. The rhyolite is cream to buff in colour, with siliceous flow bands and rarely cm scale spherulites. Rhyolite is commonly very weakly kaolinite altered. Minor local garnets were found within this unit, as was the only “mineralization”—a zone of Py enrichment (to 5% locally) found in

rhyolites in the NW of claim 641685. This ground was mapped for the 1st time in 2011, as it was not covered in 2010.

There is also a flowbanded rhyolite that outcrops in the SW corner of claim 641685 that is perceived to be a dyke. It is very fine to locally medium grained, cm scale flowbanded, chalky, and off-white in colour with local chlorite, silica, sericite, and kaolinite alteration. It is reminiscent of late stage dykes seen in the area of the Capoose deposit to the NW and strikes NNW to NNE. Age of this likely dyke is unknown. There is local jointing and faulting that subparallels this possible dyke.

Abundant andesite (AND) can be found in association with much of the rhyolites. As in contacts with volcanic breccias, rhyolite-andesite contacts show intermediate or bimodal units at the contact. Often rip-up clasts of andesite can be seen in a rhyolite matrix, or vice versa, within these contact units. Often these contacts were followed over 10's of metres with outcrop exposure. Andesites of the Ootsa Lake Group are purple to maroon and very fine grained with very minor local ash tuff zones or intervals. They occasionally have up to 3% andesite clasts to 1cm within but this is the rarity rather than the rule. They are locally Qz or Ser altered—often with pervasive Qz flooding. Locally they contain minor ash in the form of feldspar and K-feldspar crystals to 3mm. These could be construed as lapilli based upon their size but their euhedral form is odd for lapilli. Emplacement of the maroon ash tuffs is unequally distributed and can only be traced over short distances on outcrops indicating multiple and varying events within andesitic volcanics. It is clear that the Ootsa Lake Group is locally a bimodal system post volcanic breccia emplacement.

Mapped within claim 641685 is a “bimodal” or “Dacite” zone in the North of claim 641685. Within this area boulders to several metres in size were seen throughout and appeared to be subcrop. These rocks were 35% andesite, 35% rhyolite and 30% intermediate/ Dacite or bimodal and were equally distributed throughout this area. It would appear that as a contact zone of VBX-AND-RHY there are abundant bimodal and intermediate rocks and that actual contacts cannot be ascertained due to likely glacial influence.

A unit found only in the SW of claim 641685 and over slightly into claim 834998 just North of Deep Lake was originally interpreted as a silicified siltstone (SST). It has a varve-like appearance, alternating dark red with white. It is fine-grained, slightly sugary, and about 85% Qz. When looking at a fresh surface it appears to be a slightly lighter maroon andesite and it weathers pink. With the interpretation of the rhyolite in the same area as a dyke, it would appear that this unit is in fact a bake margin to the dyke and that it is a baked, silicified andesite which is the equivalent to the andesites directly to the East of this unit which are not baked/ silicified. The varve-like appearance could be attributed to siliceous fluids using contacts between layers as conduits, creating a striped pattern. A similar siltstone (originally called a silicified mudstone when encountered) was found NNW of this location at the top of another rhyolite-andesite mound mid-claim in 834998. It can be possibly postulated that this rhyolite may in fact be a dyke as well.

Endako Group

Discrete areas of andesite (AND) lie overtop of the Ootsa Lake Group volcanics in claim 834367 and in the south (ie south of Deep Lake) of claim 834998. There are traces of this andesite as float in claim 835014 as well. The andesite is a medium to dark grey-green, in places with knots of hornblende porphyroblasts. There is an associated ash tuff that can be found in the deep south of claim 834998 as well as in claim 641685, from prior mapping. Minor traces of this andesite are found in the northwest of claim 834367 where a very unique andesite breccia (ABX) was found. This unit was an andesitic matrix with similar clasts to the matrix—all grey-green and to 15mm. It was hoped that this unit would be found in other places where the younger grey-green andesite outcropped but it was not. In the deep south of claim 834998 bedding data gathered indicated a conical form to emplacement of the andesite ash tuff sitting on top of the volcanic breccias.

Ash tuff (ATF) appears to overlie the volcanic breccias and this unit has a fine-grained groundmass with rare mm scale polyolithic clasts, and <10% plagioclase feldspar phenocrysts. Locally these phenocrysts are to 3mm and could be perceived as lapilli were they rounded and not euhedral. This ash tuff is of andesitic matrix. This ash tuff was found in the northeast of claim 641685 in 2010 and was also found as a cone in the deep south of claim 834998. This ash tuff, as well as the associated andesite without ash, was strongly silicified and locally very weakly Kao altered in claim 834998. It is believed that the ash tuff is the youngest unit in the Endako group and possibly on the claims—other than the likely dyke. The only sign of possible Endako group basalts seen was in float on claim 835014.

Whether or not these Endako Group units are Endako Group or actually Ootsa Lake Group rocks is unclear but the possibility also exists that they are Hazelton Group uplifted volcanics despite their apparent subaerial nature.

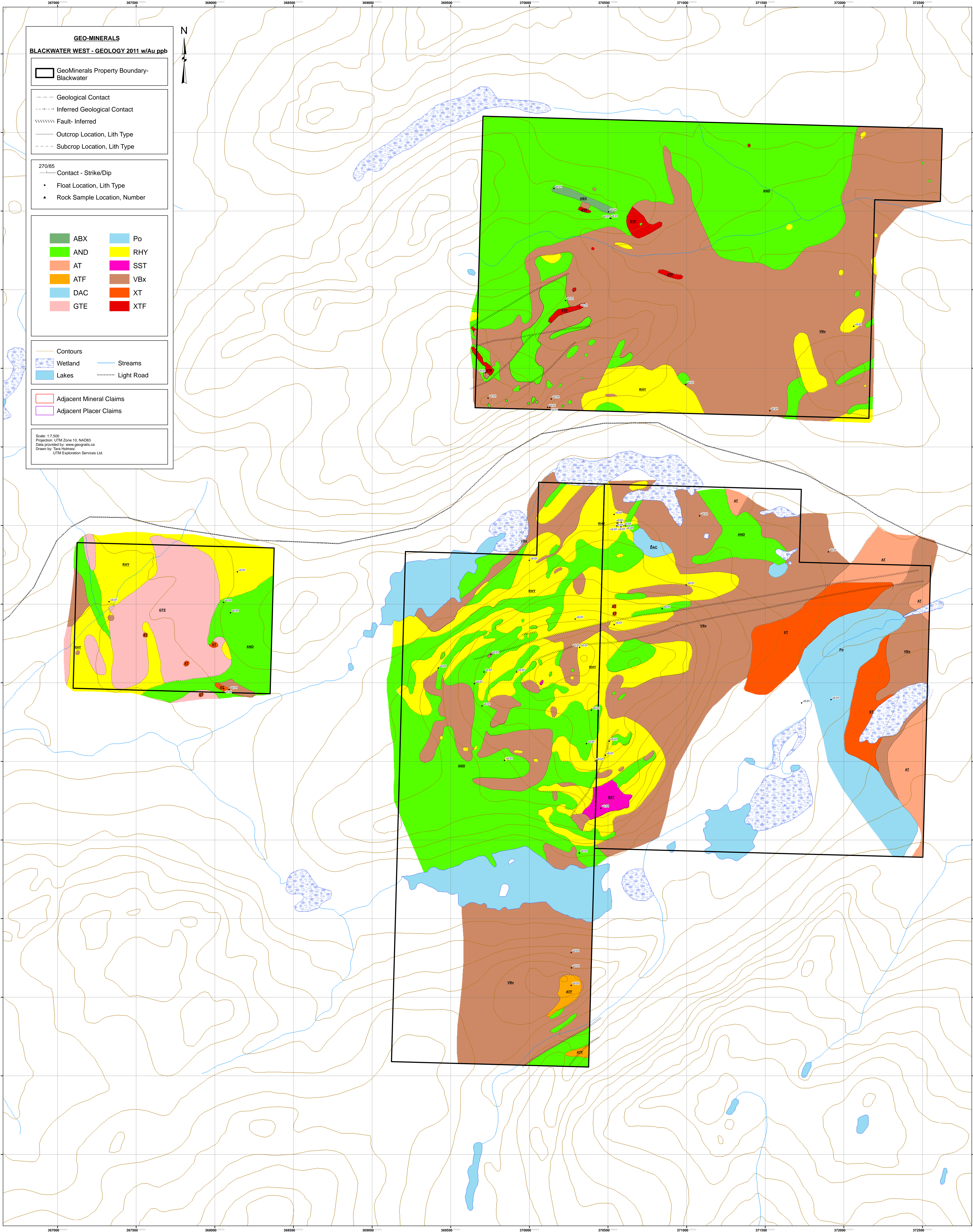


Figure 3. Geology of Blackwater West with Gold Rock Assays.

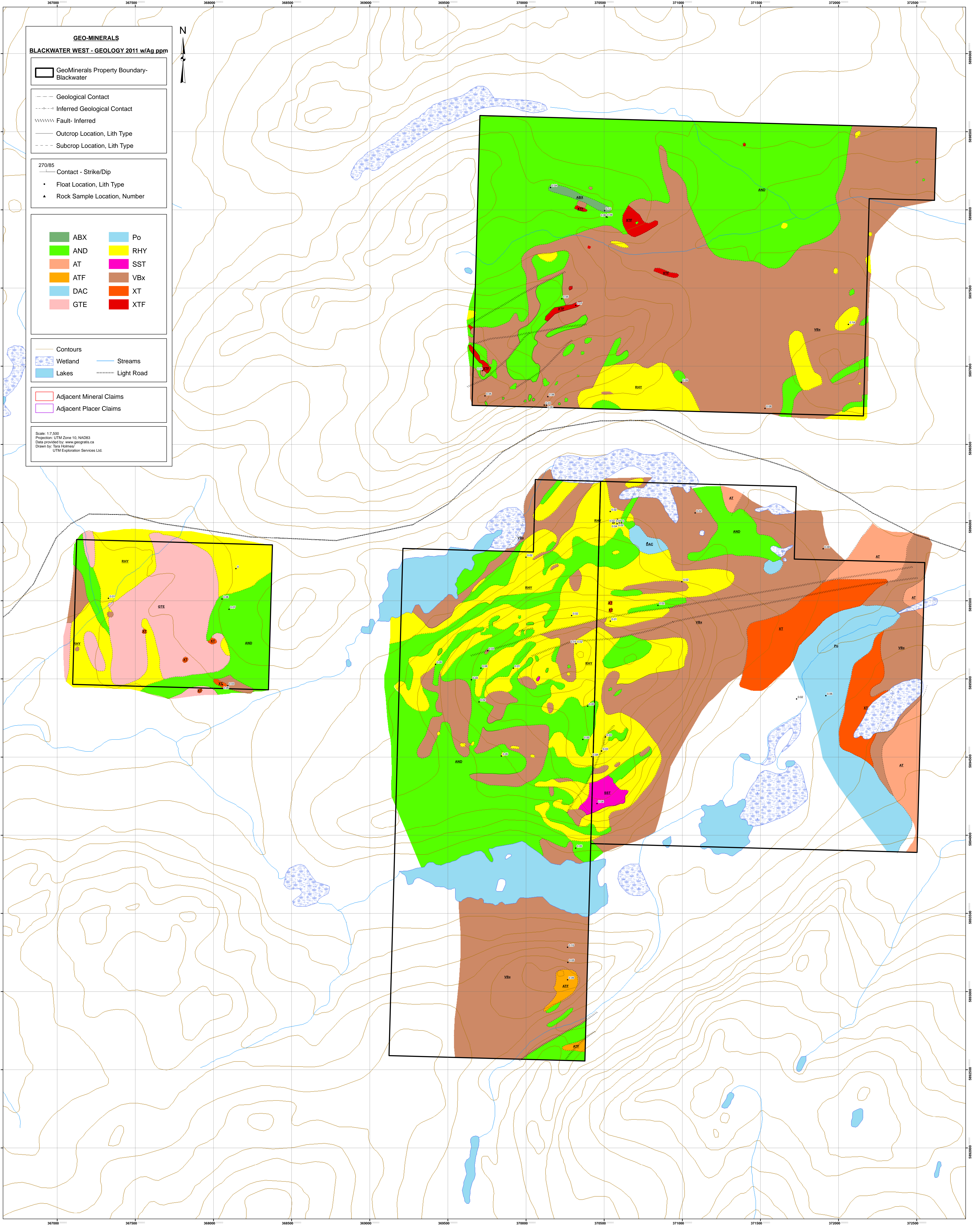


Figure 4. Geology of Blackwater West with Silver Rock Assays.

6.2 Soil Sampling Program

6.2.1 Methodology and Procedure

Between June 30th and July 15th, 2011, a crew of two to eight soil samplers collected 1000 B-Horizon soil samples. In claims 835014, 834998, and 834367 samples were collected at 100m intervals on lines spaced 100m apart and were taken with a manual soil auger from depths of 15cm to 50cm. In claim 641685 a small amount of infill sampling was conducted at 50m intervals on lines spaced 100m apart. These lines were spaced at 50m intervals from 2010 soil sampling anomalies. These samples were only collected in 4 anomalous gold-in-soil zones. All soil samples taken are found in Appendix III as well as on Figures 5 and 6.

The location of all samples was recorded as well as horizon taken from, soil composition, and soil colour. Location was determined using a Garmin CSx handheld GPS unit. Samples were collected in kraft paper bags and uniquely labeled by the last four numbers of their UTM co-ordinates in NAD 83 (see Appendix III). 1 000 soil samples plus 39 standards (inserted at 1 every 25 samples) were sent to AGAT Labs as part of this program.

All samples were stored in a secure location onsite and then securely transported directly to the laboratory by UTM personnel. As with the rock samples from this program, samples were assayed at AGAT Labs, Terrace, BC, using a standard 46 element ICP package plus a 30-gram Au fire assay with an AA finish. Atomic Absorption analyses were performed on all over-limits Ag, Cu, Zn, and Pb samples. Over-limits Au samples were analyzed by a 30-gram fire assay with a gravimetric finish. A complete description of AGAT Labs analytical techniques for ICP-AES and assay procedures is presented in Appendix I and the Certificates of Analysis are attached as Appendix III. AGAT Labs is an ISO 9000 certified laboratory.

6.2.2 Results

Gold

Background values for Au were very low at <1ppb to 1ppb. There were several minor anomalies found with anomalous values in the 3ppb to a high of 30ppb. Unfortunately the infill sampling in claim 641685 illustrated that anomalous zones are inconsistent and often points rather than zones as infill samples assayed generally lower than the previous sample sites they were taken between (Figure 5)

Claim 834367 contains three Au-in-soil anomalies. They are all centered on individual points with weakly anomalous results surrounding. These three areas may justify follow-up infill sampling around the strong anomalous values. There is an anomalous value of 21ppb on the southern claim boundary that should be followed up as it is within a strong Ag-in-soil trend.

Four individual point value Au-in-soil anomalies are found among results from claim 834998. All are surrounded by background +/- minor weakly anomalous values. Infill sampling could be conducted to verify that these are not just random anomalies from glacial material.

No anomalous Au-in-soil values worthy of note were found among the soil samples taken from claim 835014.

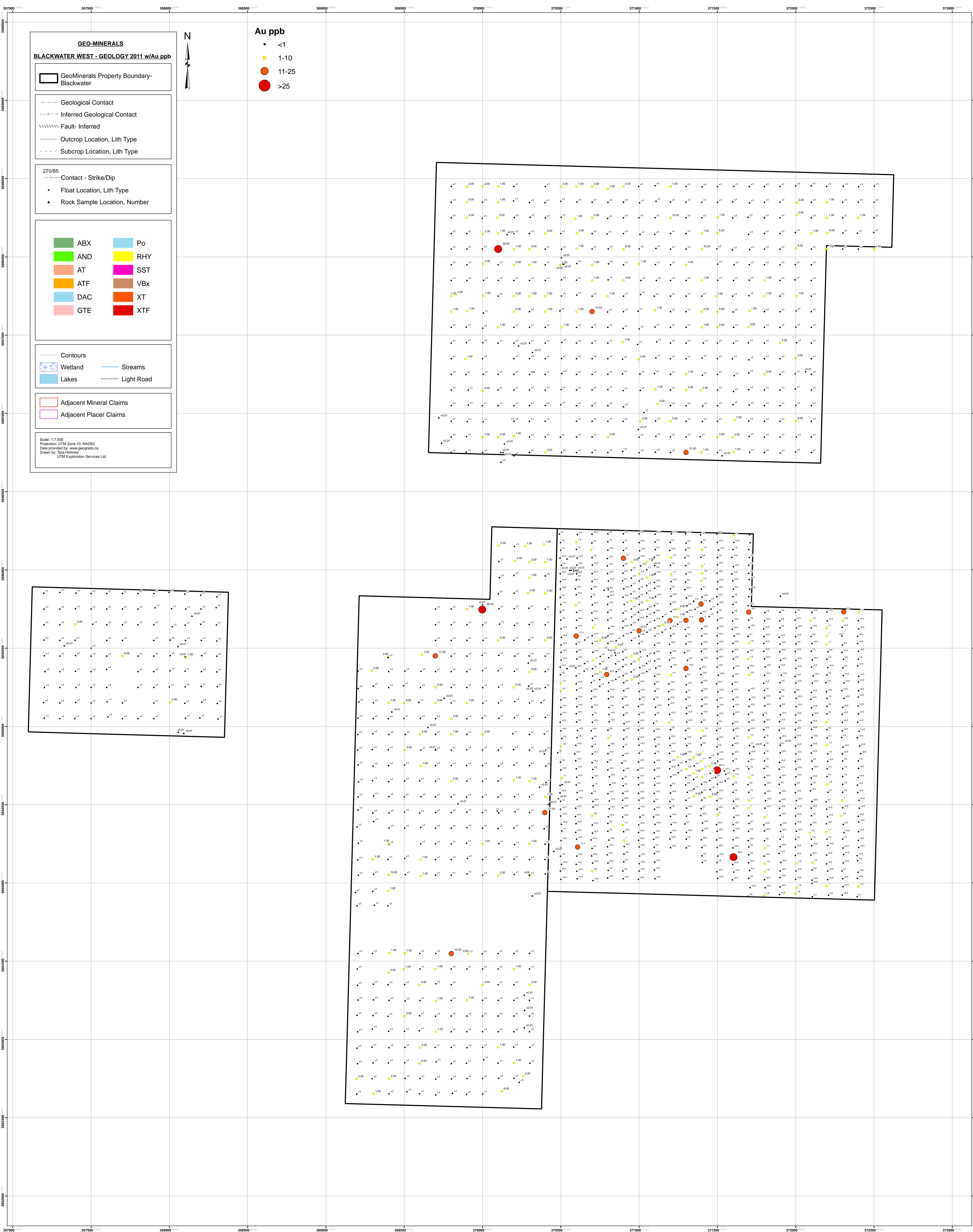


Figure 5. Gold-in-Soil Anomalies.

Silver

Background Ag values were about 0.1ppm. Ag values vary to as high as 3.79ppm and there are multiple anomalous Ag-in-soil zones rather than just individual point values. The majority of the strongly clustered anomalous values are in claim 834367. This includes a 2km long by 200m to 800m wide anomalous trend that runs northeast from the centre of the southern claim boundary of claim 834367. This zone certainly warrants more attention, as there are multiple values greater than 1ppm throughout the trend.

No Ag-in-soil values worthy of note were taken in claim 835014, as there were only a very small number of weakly anomalous values within the claim (Figure 6).



Figure 6. Silver-in-Soil Anomalies.

6.3 IP and Line Cutting

6.3.1 Methodology and Procedure

North-south running lines at 300m intervals were marked and cut throughout the claims and onto neighbouring Newgold-Richfield claims along the edges of the Blackwater West claims. In total, 57.15km of line were marked out with GPS and compass, cut to 1m widths with chainsaws, and cleared of debris.

A team of six employees of Peter E. Walcott and Associates Ltd carried out the IP survey conducted on these cut lines. Only 37.9km of cut line actually had IP survey conducted over them, as it was decided not to survey several of these lines after they had been cut. Over 10km of line was cut in and around claim 835014 but no survey was conducted within the claim. It was decided to leave this for a future project.

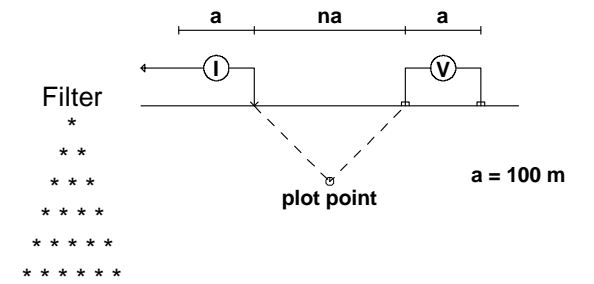
6.3.2 Results

Included with this report is a set of maps of the IP results (Figures 7 to 24). A qualified geophysicist has not done an interpretation of these results at this time. It is recommended that an interpretation be done first and foremost if future work is planned on these claims. There are several apparent anomalies that could warrant follow-up.

The resistivity results do tend to lend credence to/ verify the surface geological findings with stronger resistive zones approximating those areas mapped as rhyolite and silicified andesite and least resistive zones approximating those areas mapped as volcanic breccia. The intensely resistive anomalies seen do not approximate the mapping of any particular geologic unit and may warrant further investigation. The folded and faulted / up thrust nature of the claims can be seen in the IP results.

7+00 E

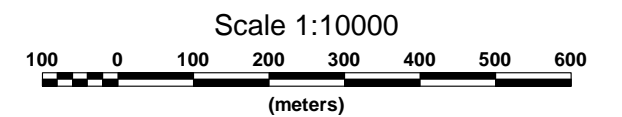
Pole-Dipole Array



Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...



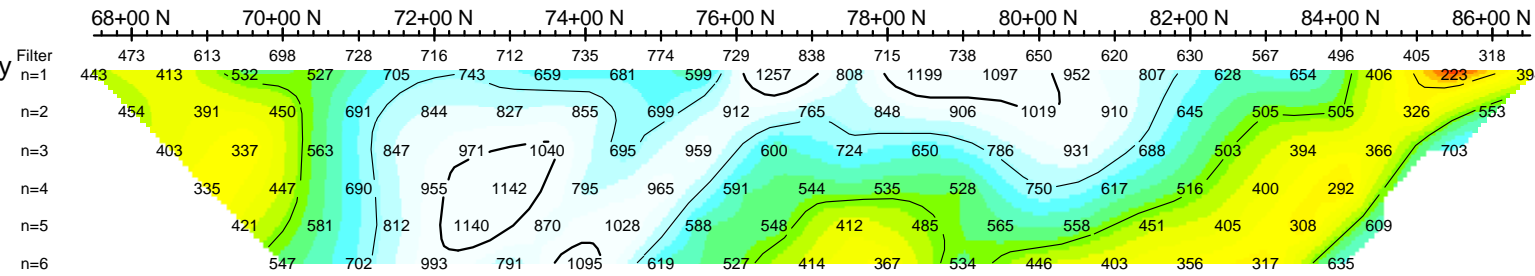
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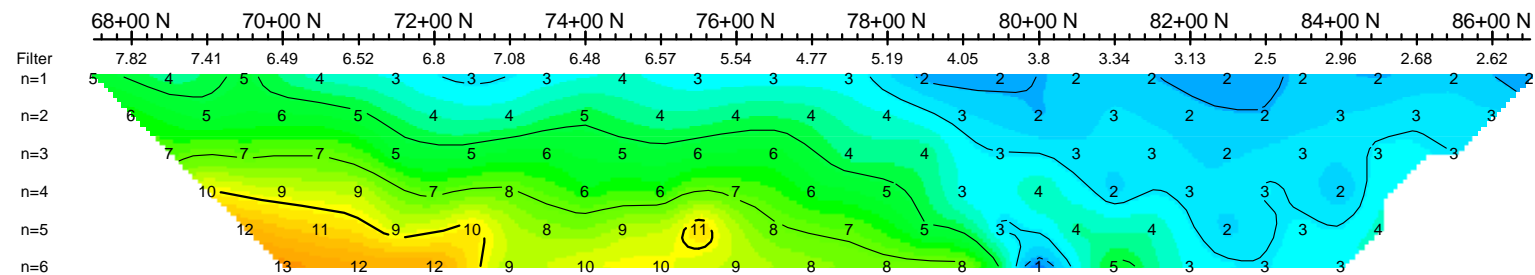
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Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

Average IP
mV/V

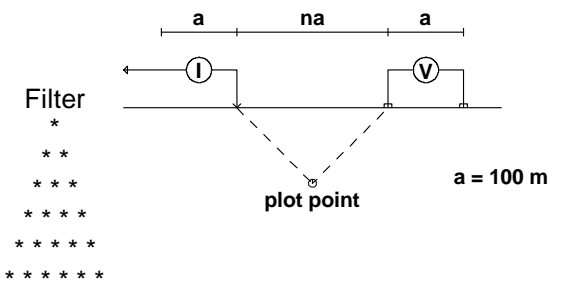


Average IP
mV/V

Figure 7.

10+00 E

Pole-Dipole Array

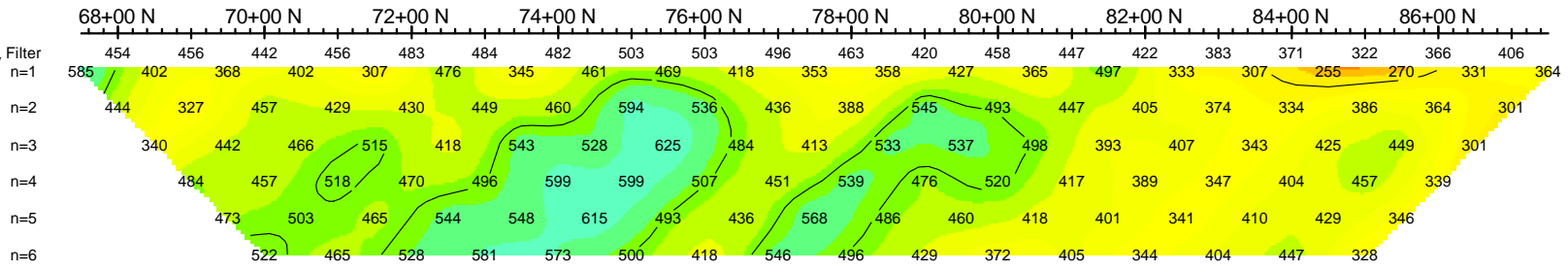


Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

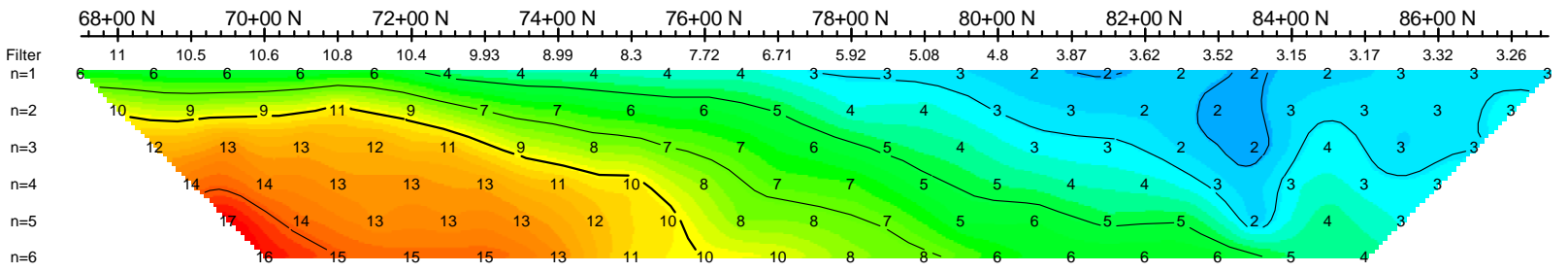
Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...

Calculated Resistivity

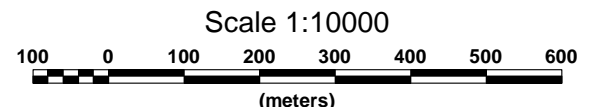


Calculated Resistivity

Average IP



Average IP



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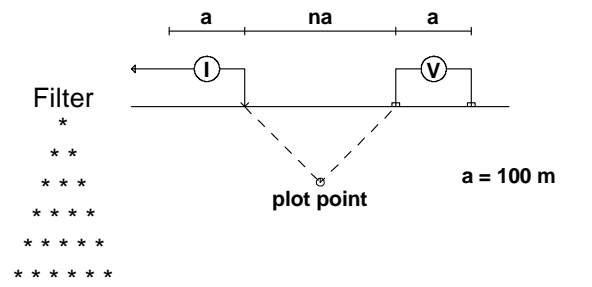
Date: AUGUST 2011

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Figure 8.

13+00 E

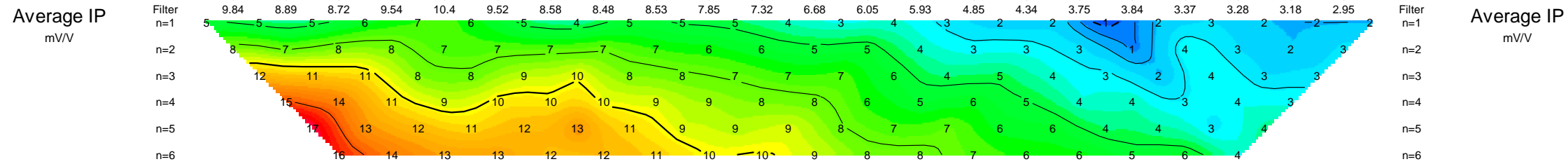
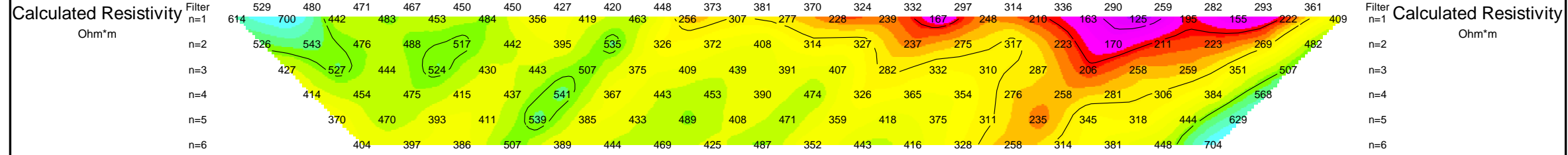
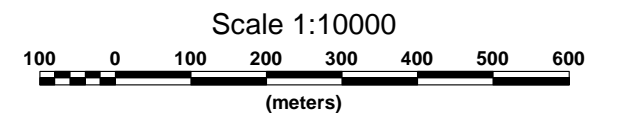
Pole-Dipole Array



Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...



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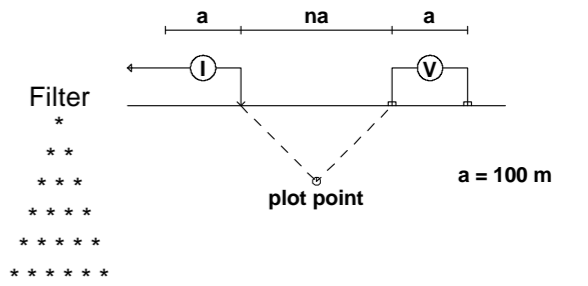
Date: AUGUST 2011

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Figure 9.

16+00 E

Pole-Dipole Array



Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

Logarithmic
Contours: 1, 1.5, 2, 3, 5, 7.5, 10,...

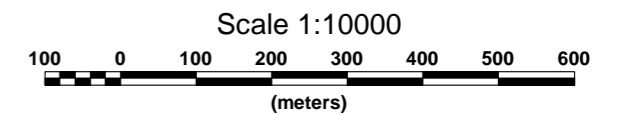
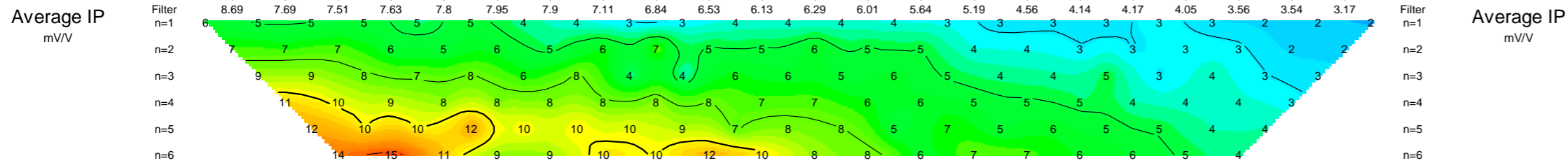
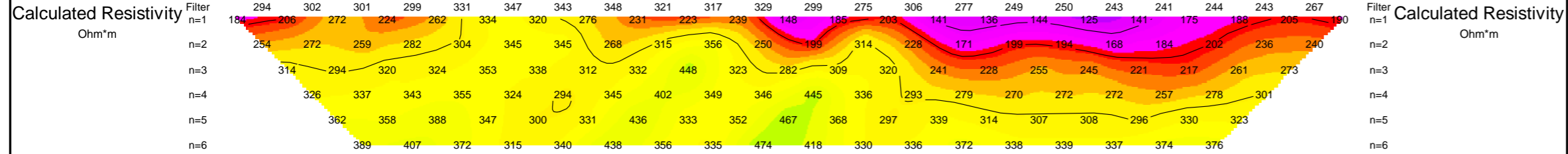
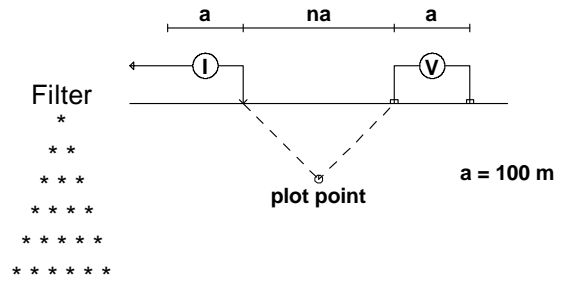


Figure 10.

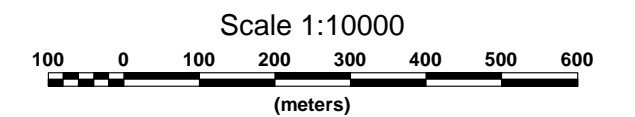
Pole-Dipole Array



Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10,...



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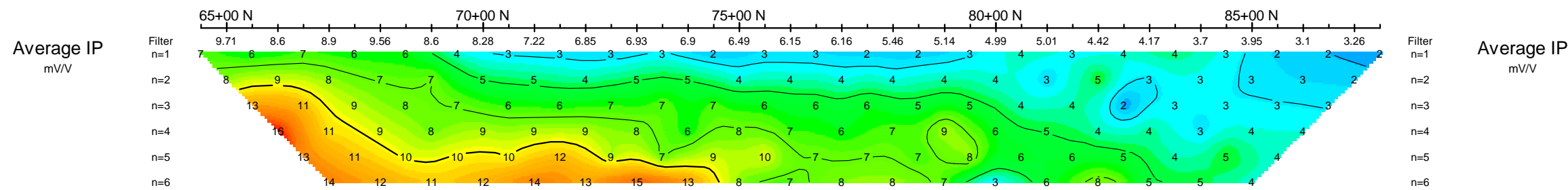
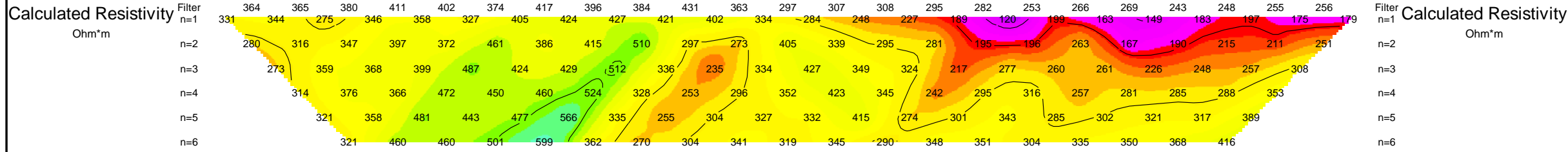
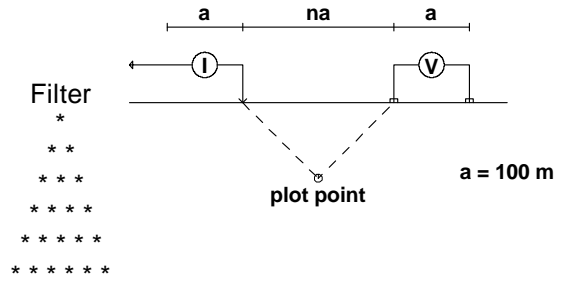


Figure 11.

92+00 E

Pole-Dipole Array



Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

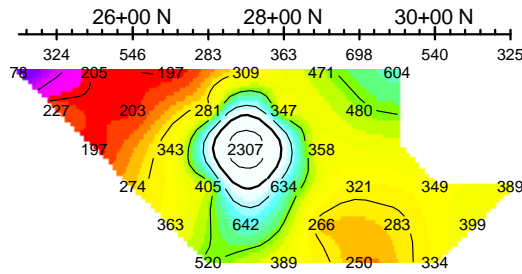
Frequency: 0.125 Hz.
Operators: B.D., A.H.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...

Calculated Resistivity

Ohm*m

Filter
n=1
n=2
n=3
n=4
n=5
n=6



Calculated Resistivity

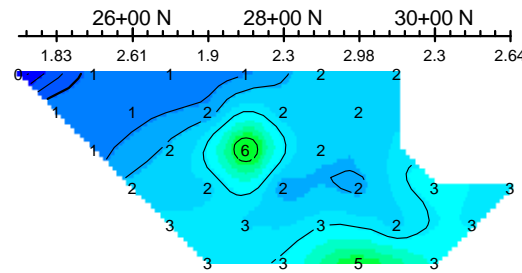
Ohm*m

Filter
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n=2
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n=4
n=5
n=6

Average IP

mV/V

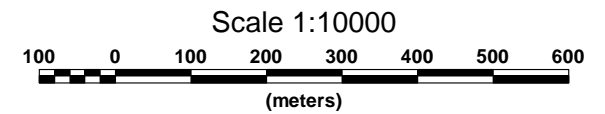
Filter
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n=2
n=3
n=4
n=5
n=6



Average IP

mV/V

Filter
n=1
n=2
n=3
n=4
n=5
n=6



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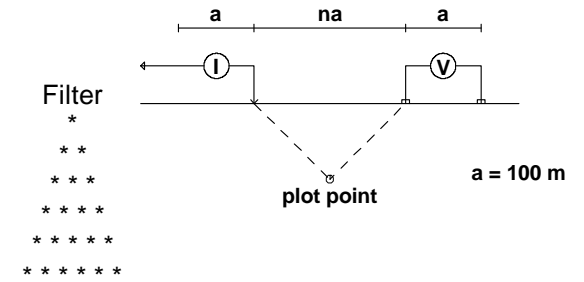
Date: AUGUST 2011

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Figure 12.

95+00 E

Pole-Dipole Array

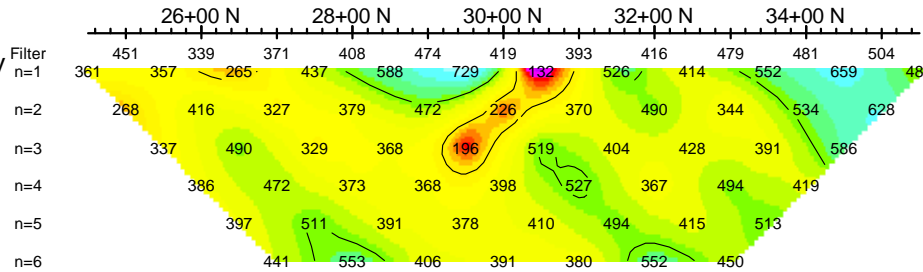


Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

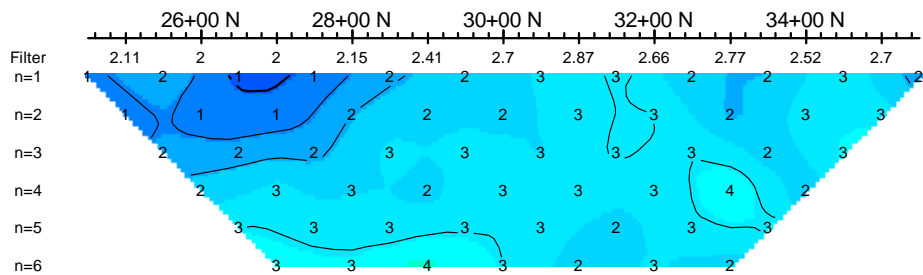
Logarithmic Contours
1.5, 2, 3, 5, 7.5, 10,...

Calculated Resistivity
Ohm*m

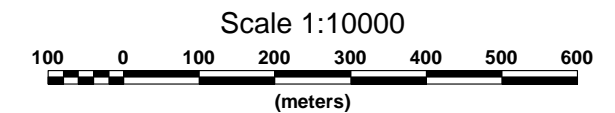


Calculated Resistivity
Ohm*m

Average IP
mV/V



Average IP
mV/V



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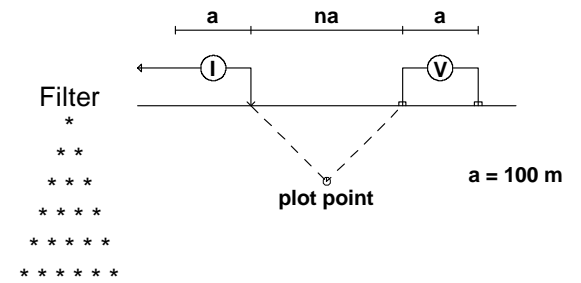
Date: AUGUST 2011

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Figure 13.

98+00 E

Pole-Dipole Array

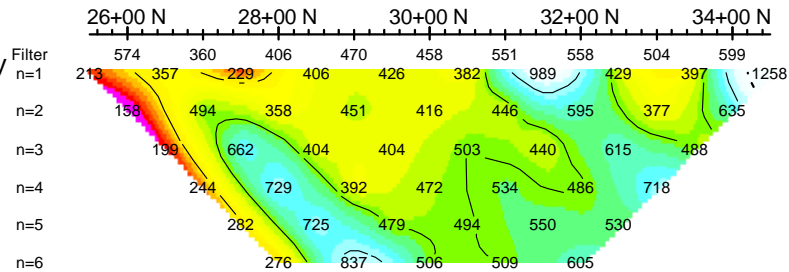


Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...

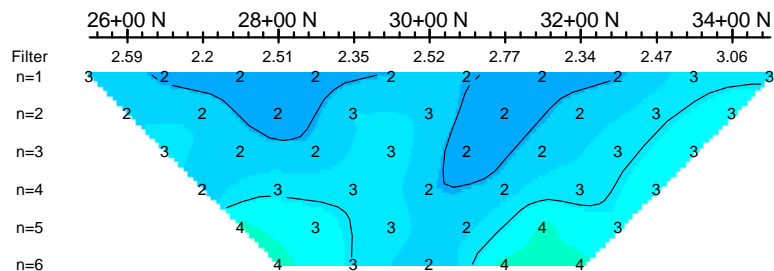
Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

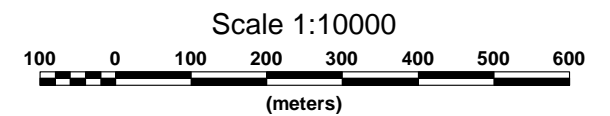
Filter n=1
n=2
n=3
n=4
n=5
n=6

Average IP
mV/V



Average IP
mV/V

Filter n=1
n=2
n=3
n=4
n=5
n=6



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BLACKWATER PROJECT
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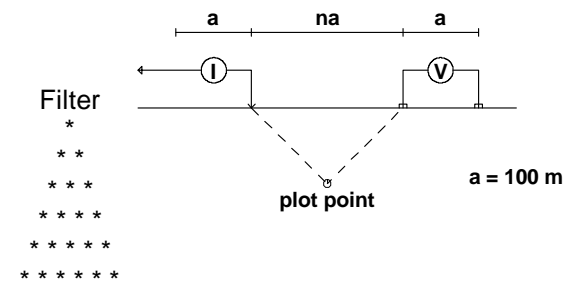
Date: AUGUST 2011

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Figure 14.

101+00 E

Pole-Dipole Array



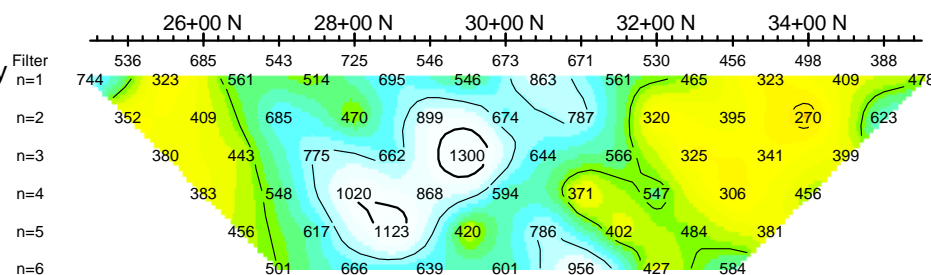
Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

Logarithmic Contours: 1.5, 2, 3, 5, 7.5, 10,...

Calculated Resistivity

Ohm*m

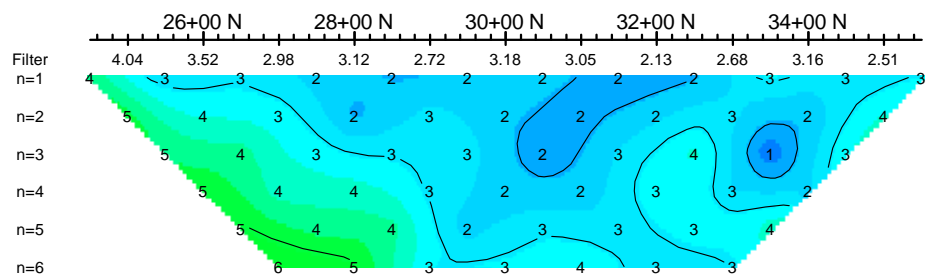


Calculated Resistivity

Ohm*m

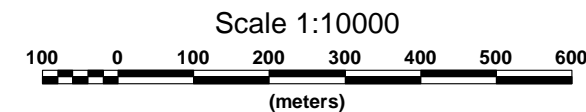
Average IP

mV/V



Average IP

mV/V



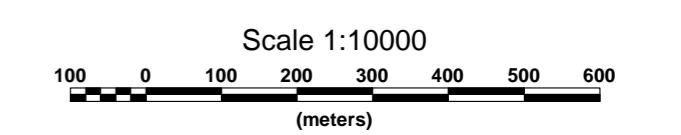
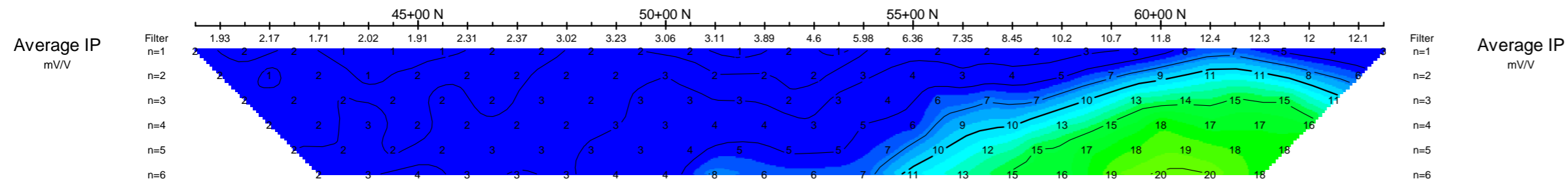
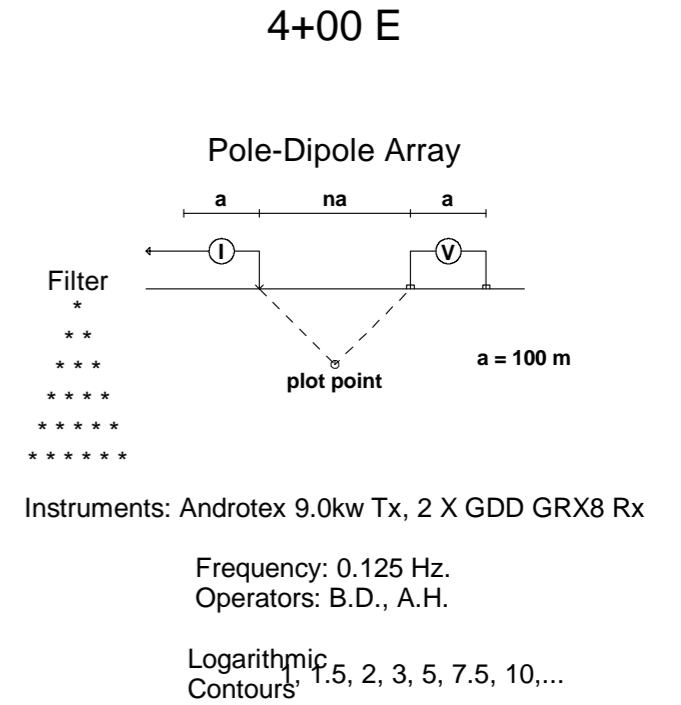
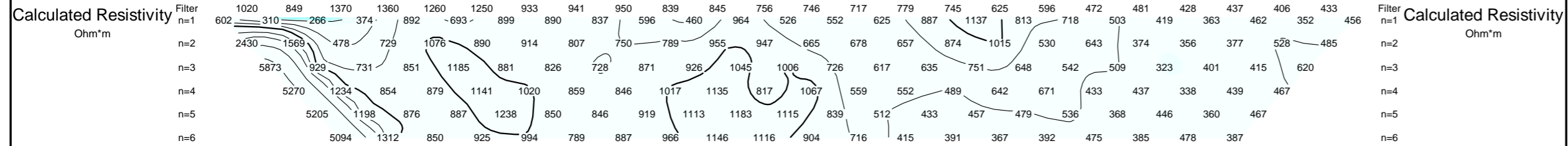
UTM EXPLORATION SERVICES LTD.

INDUCED POLARIZATION SURVEY
BLACKWATER PROJECT
GRID 834998, BRITISH COLUMBIA

Date: AUGUST 2011

PETER E. WALCOTT & ASSOCIATES LIMITED

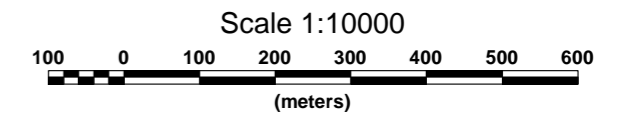
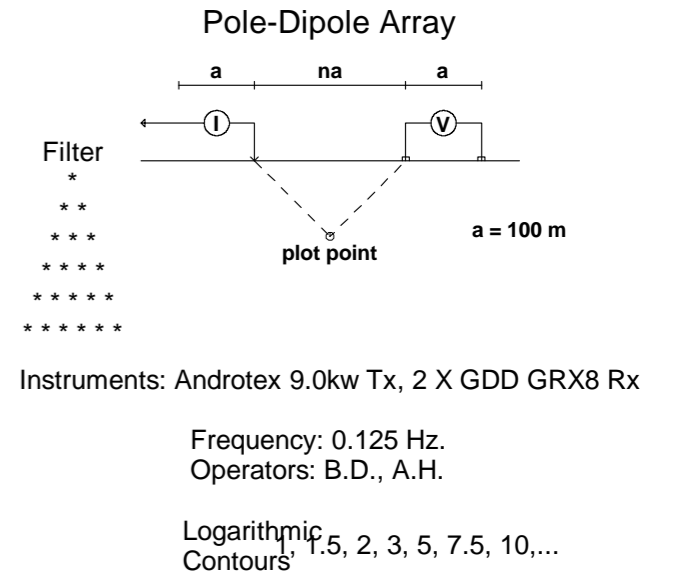
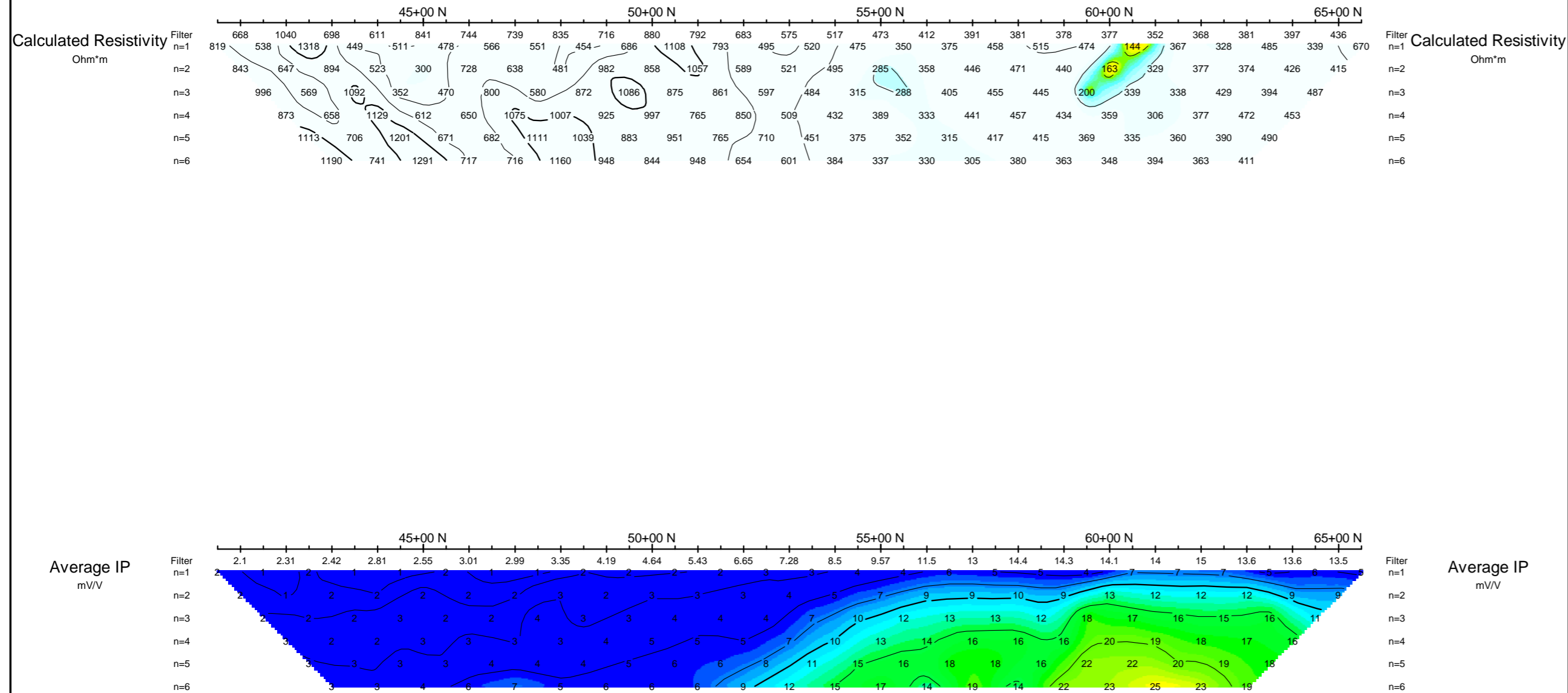
Figure 15.



UTM EXPLORATION SERVICES LTD.
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BLACKWATER PROJECT
GRID 641685, BRITISH COLUMBIA
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Figure 16.

7+00 E

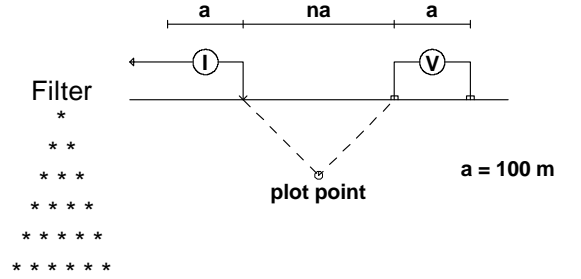


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BLACKWATER PROJECT
GRID 641685, BRITISH COLUMBIA
Date: AUGUST 2011
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Figure 17.

10+00 E

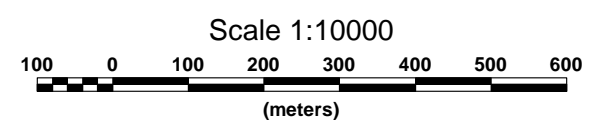
Pole-Dipole Array



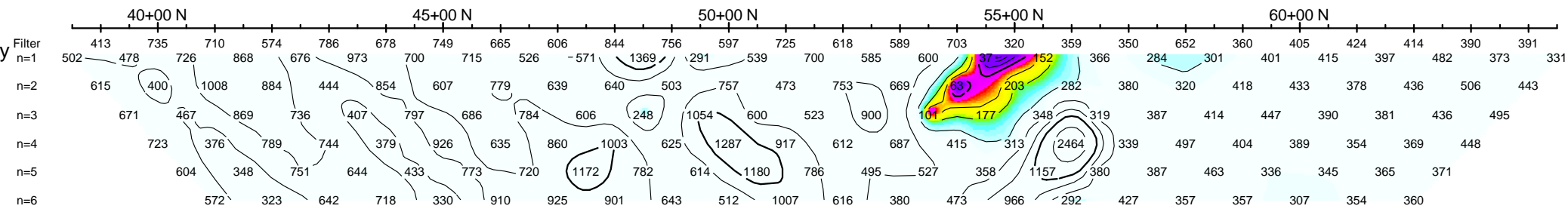
Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

Logarithmic
Contours: 1, 1.5, 2, 3, 5, 7.5, 10,...

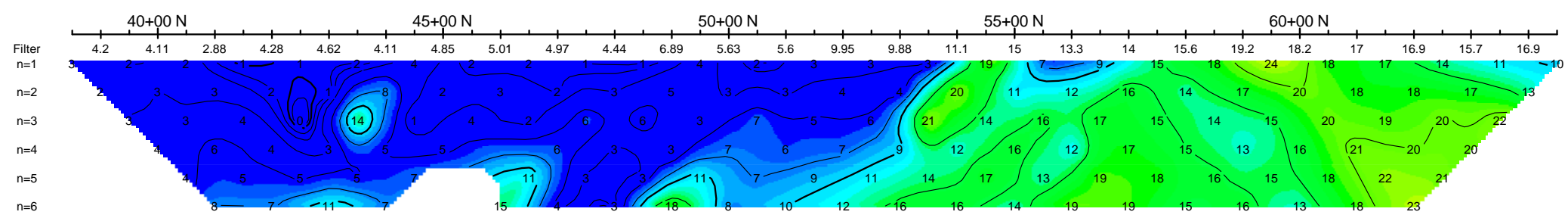


Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

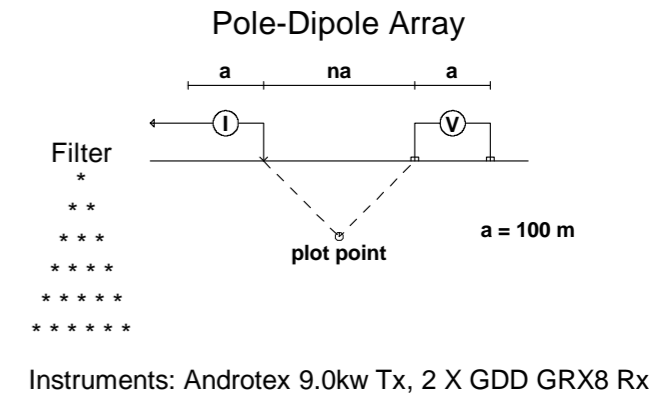
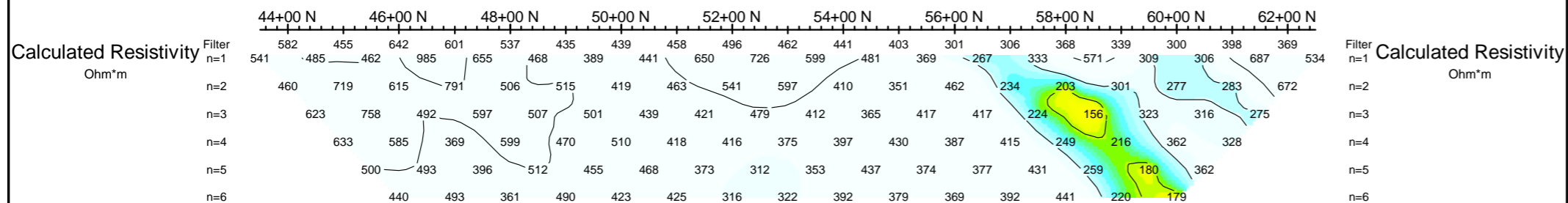
Average IP
mV/V



Average IP
mV/V

Figure 18.

13+00 E



Frequency: 0.125 Hz.
Operators: B.D., A.H.
Logarithmic Contours: 1.5, 2, 3, 5, 7.5, 10,...

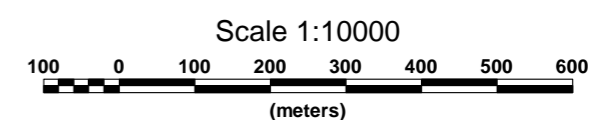
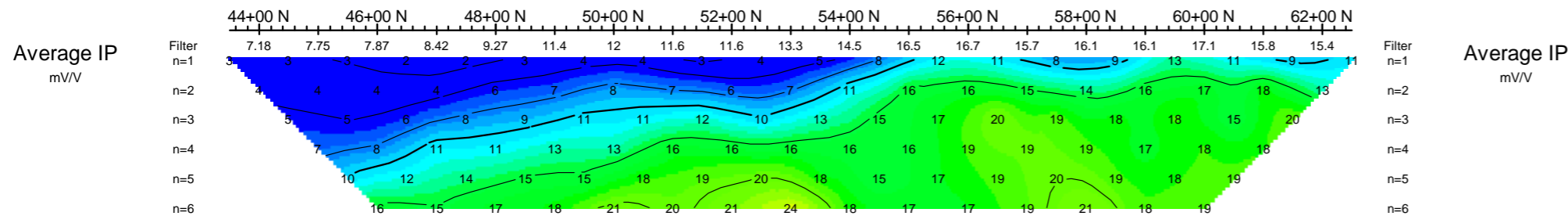
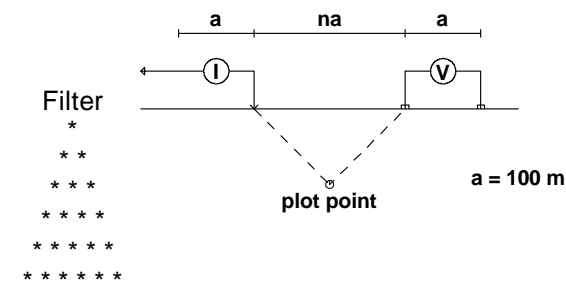


Figure 19.

UTM EXPLORATION SERVICES LTD.
INDUCED POLARIZATION SURVEY
BLACKWATER PROJECT
GRID 641685, BRITISH COLUMBIA
Date: AUGUST 2011
PETER E. WALCOTT & ASSOCIATES LIMITED

16+00 E

Pole-Dipole Array



Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

Logarithmic
Contours: 1.5, 2, 3, 5, 7.5, 10,...

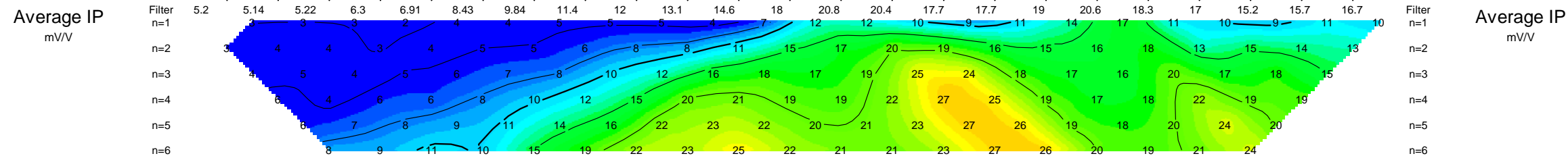
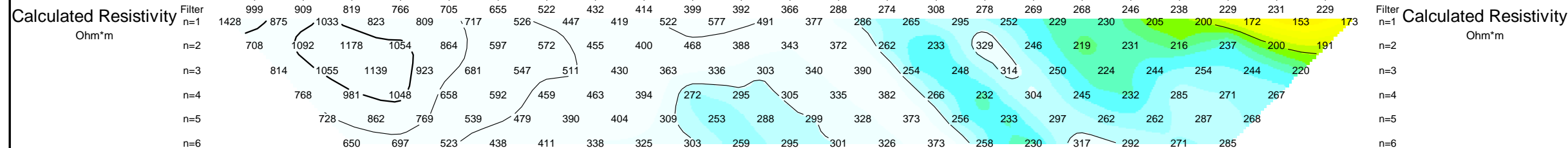
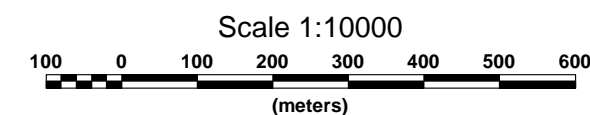


Figure 20.

19+00 E

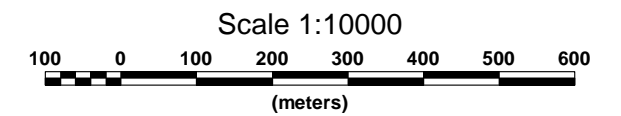
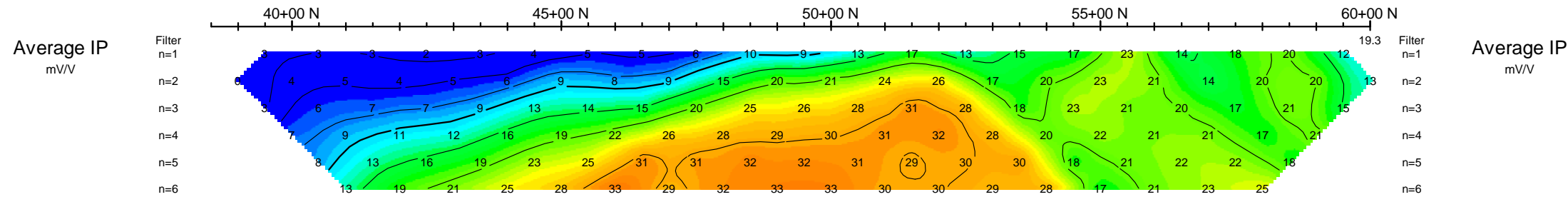
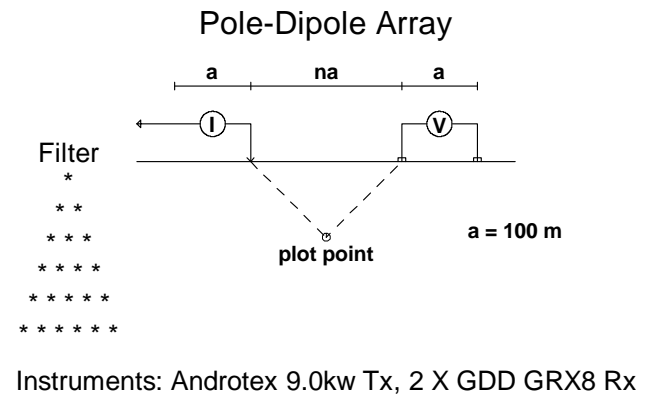
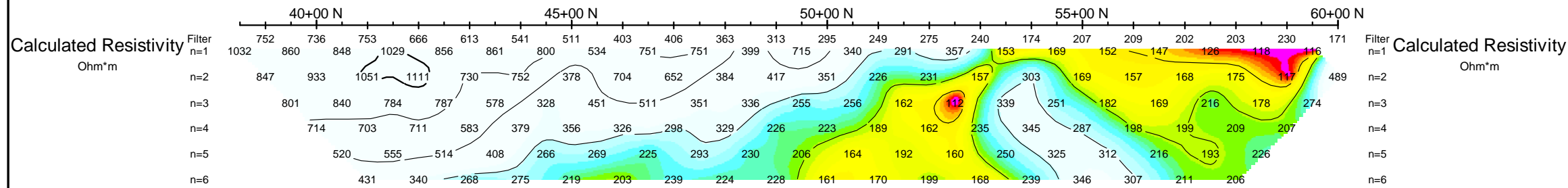
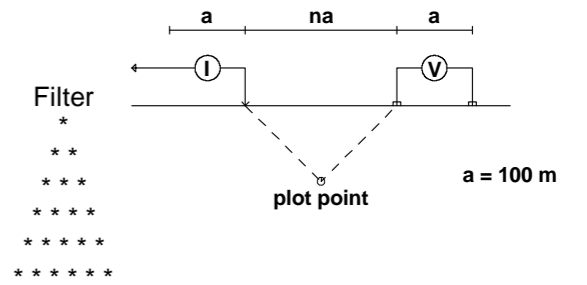


Figure 21.

22+00 E

Pole-Dipole Array

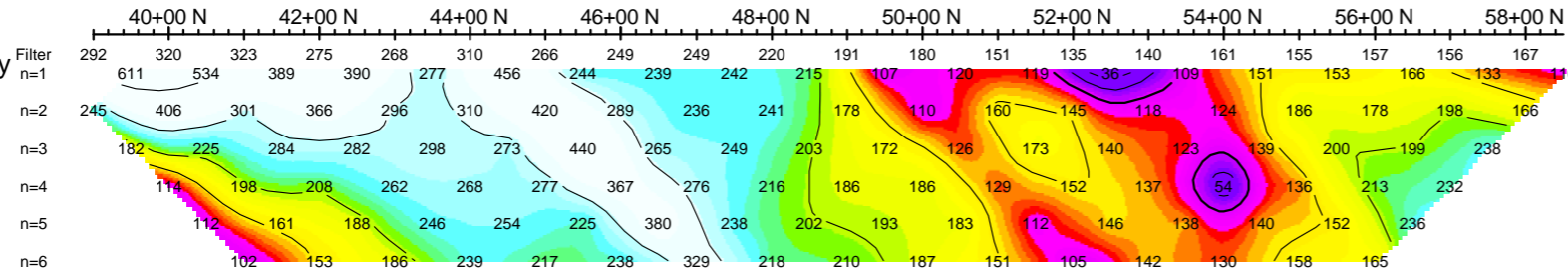


Instruments: Androtex 9.0kw Tx, 2 X GDD GRX8 Rx

Frequency: 0.125 Hz.
Operators: B.D., A.H.

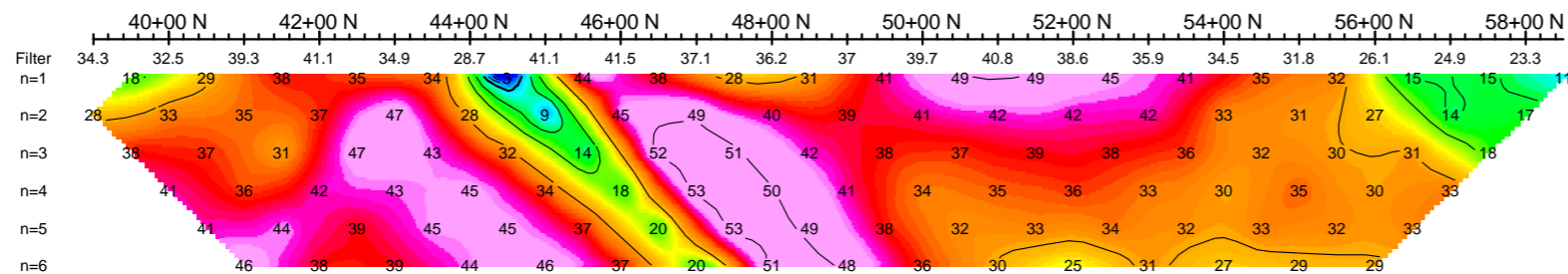
Logarithmic
Contours 1.5, 2, 3, 5, 7.5, 10,...

Calculated Resistivity
Ohm*m



Calculated Resistivity
Ohm*m

Average IP
mV/V



Average IP
mV/V

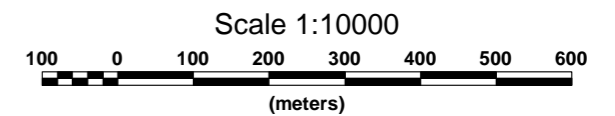
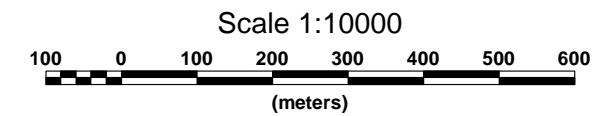
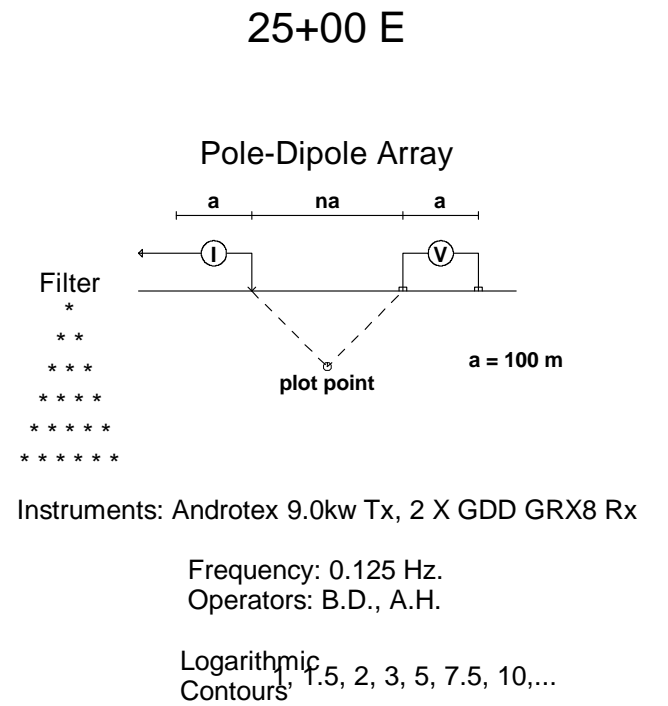
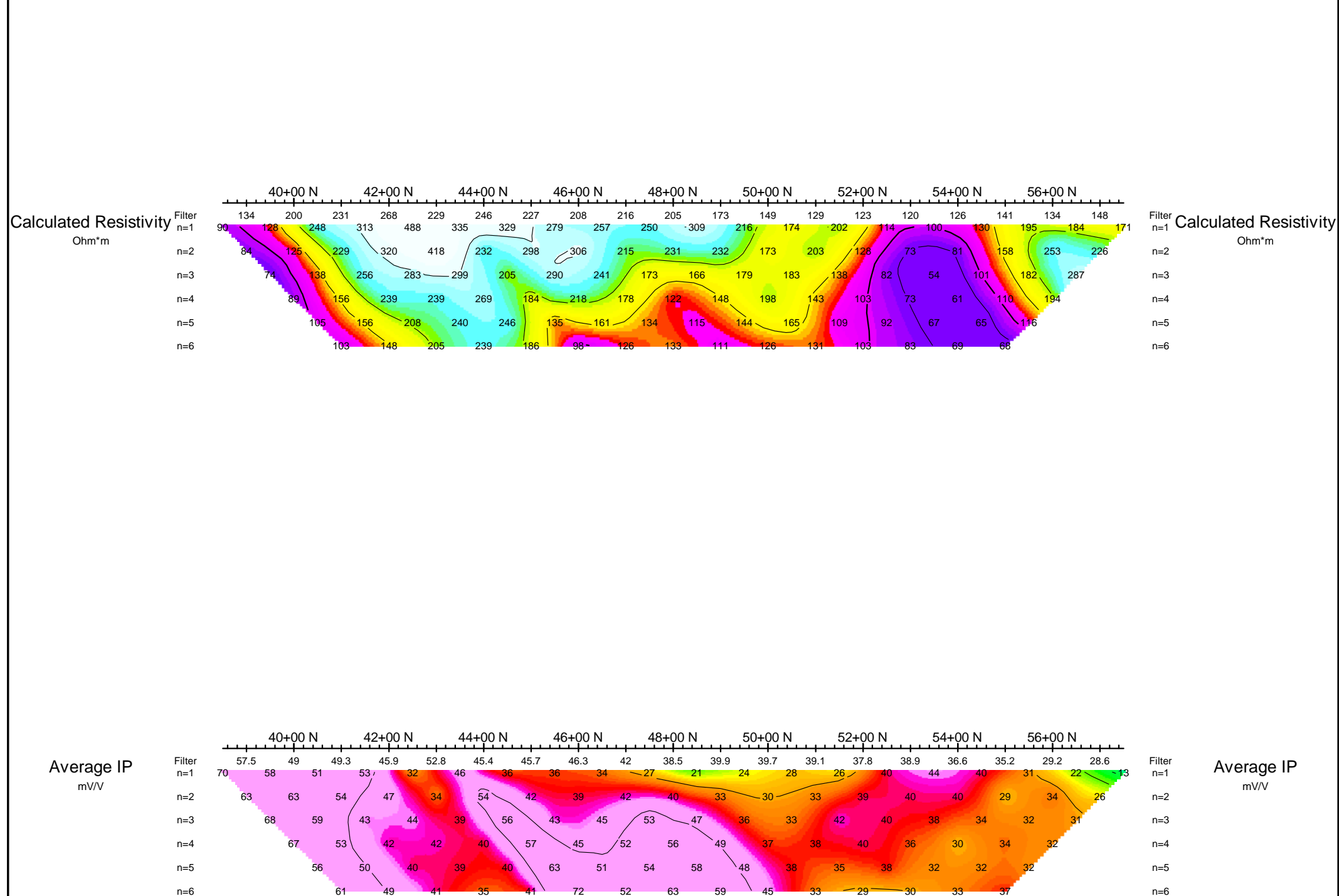
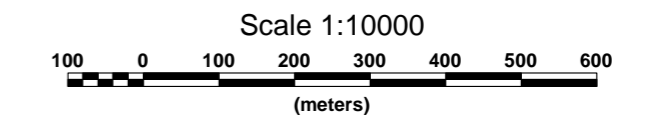
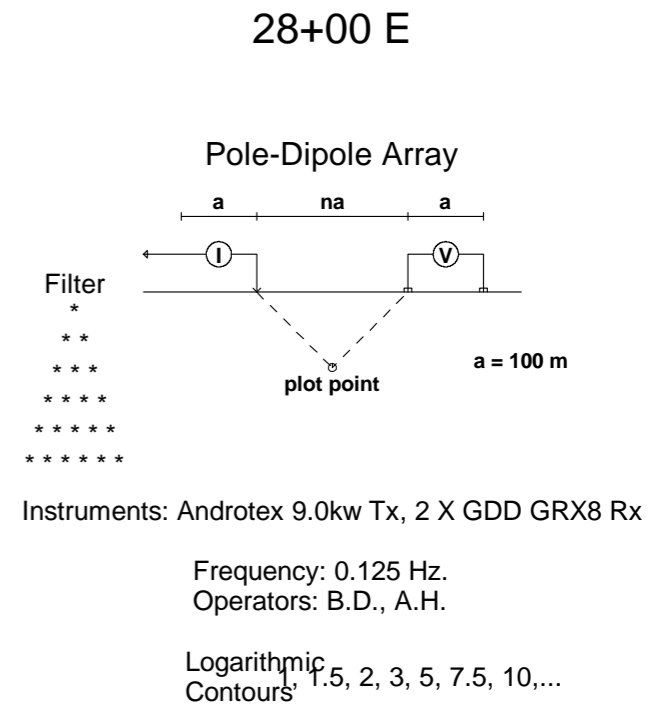
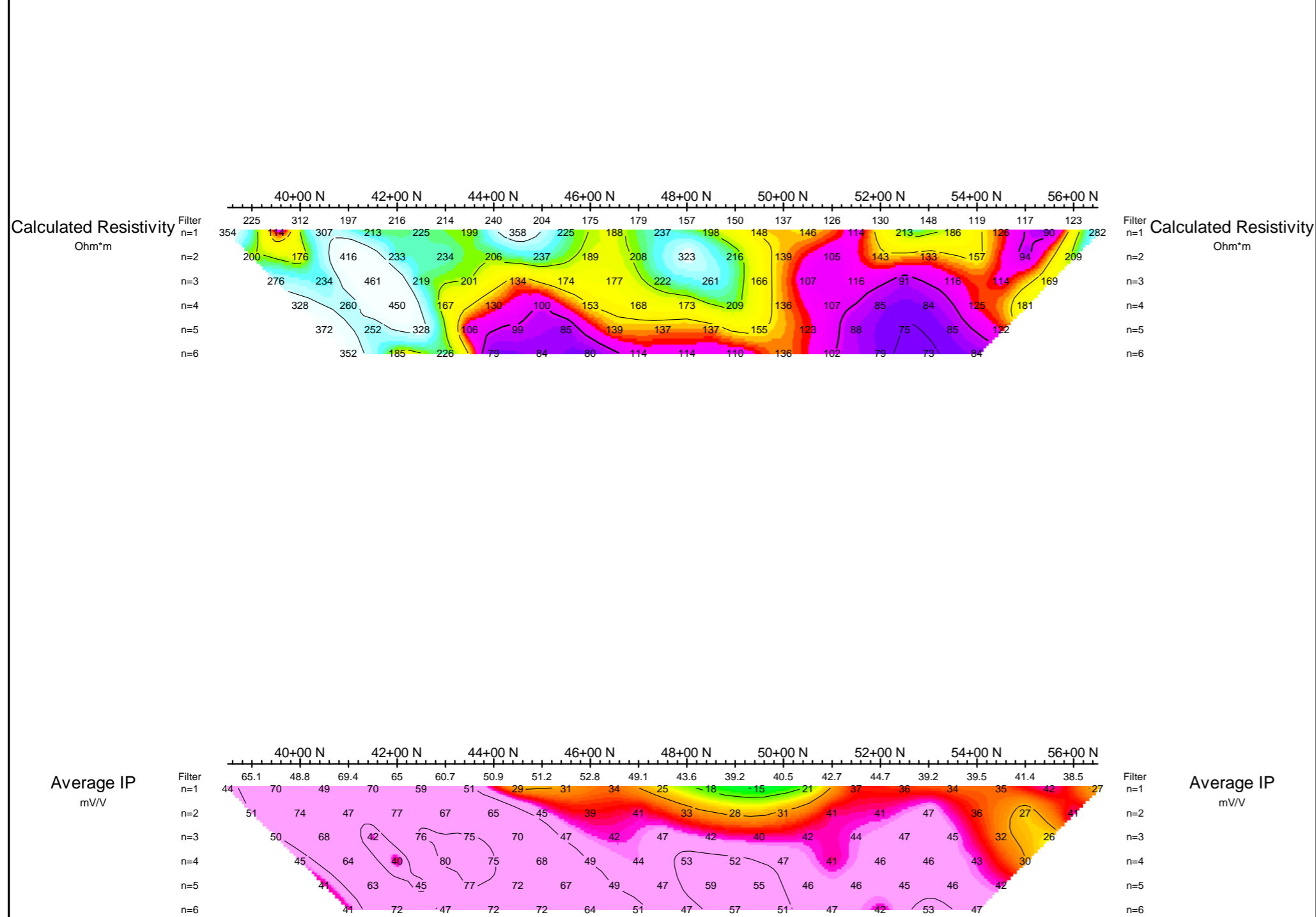


Figure 22.



UTM EXPLORATION SERVICES LTD.
INDUCED POLARIZATION SURVEY
BLACKWATER PROJECT
GRID 641685, BRITISH COLUMBIA
Date: AUGUST 2011 41
PETER E. WALCOTT & ASSOCIATES LIMITED

Figure 23.



UTM EXPLORATION SERVICES LTD.
INDUCED POLARIZATION SURVEY
BLACKWATER PROJECT
GRID 641685, BRITISH COLUMBIA
Date: AUGUST 2011
PETER E. WALCOTT & ASSOCIATES LIMITED

Figure 24.

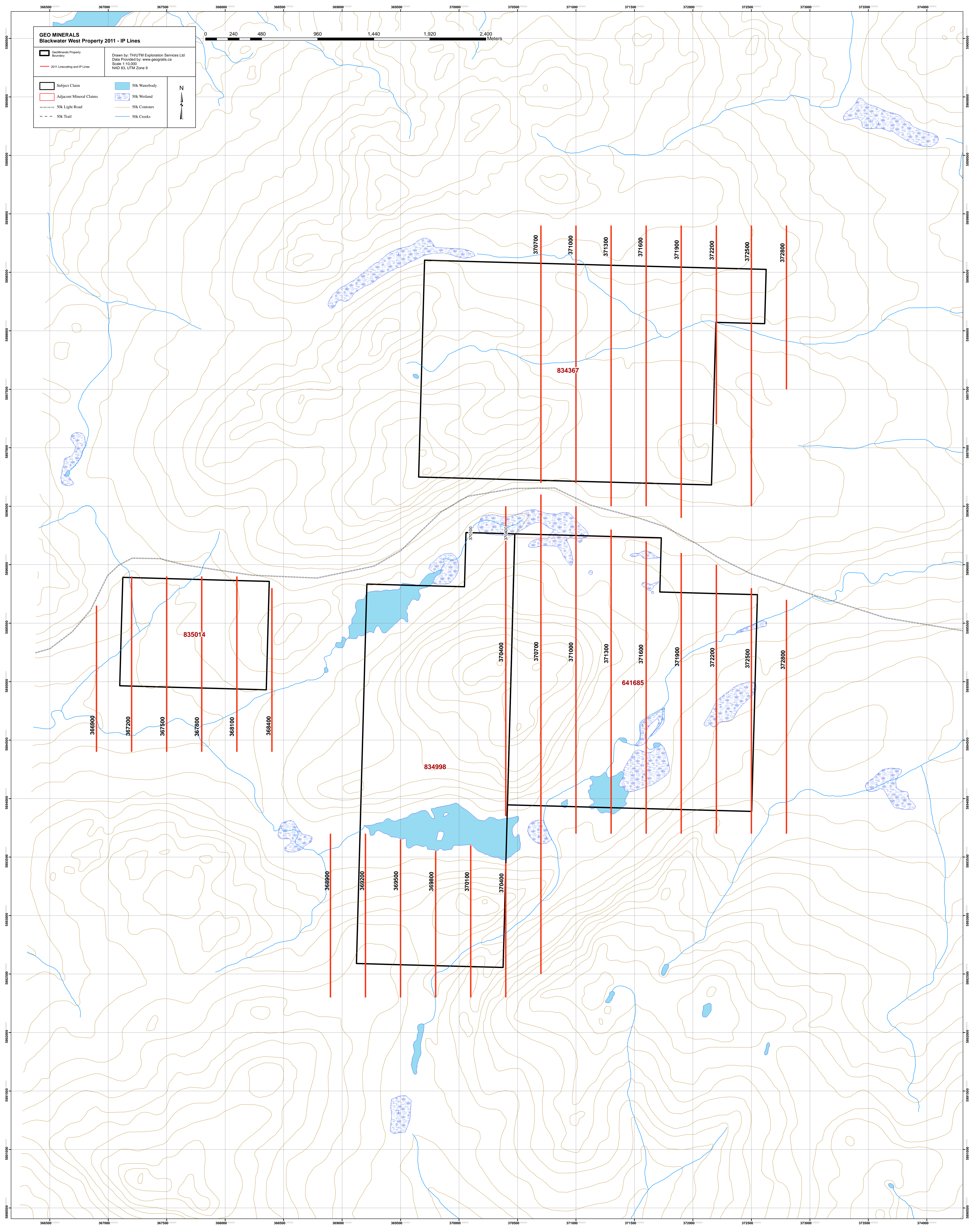


Figure 25. Blackwater West IP Survey Grid.

7. Sampling

7.1 Sampling Method and Approach

Samples were taken of both representative and extraordinary for any reason rocks. It was also attempted to sample all alteration types. Soil samples were taken as close to the designated UTM coordinates as possible without wasting time waiting for a GPS unit to increase precision in thick forest. Also, some sample locations were relocated as close to the designated location as possible due to swamps, ponds, or outcrops present at the designated locations.

7.2 Sample Preparation, Analyses, and Security

Samples were assayed at AGAT Labs in Terrace, using a standard 46 element ICP package plus a 30-gram Au fire assay with an AA finish. Atomic Absorption analyses were performed on all over-limits Ag, Cu, Zn, and Pb samples. Over-limit Au samples were analyzed by a 30 gram fire assay with a gravimetric finish. A complete description of AGAT analytical techniques for ICP-AES and assay procedures is presented in Appendix V and the Certificates of Analysis are attached as Appendices II and III. AGAT Labs is an ISO 9000 certified laboratory.

7.3 Data Verification

Standards and/or blanks were included in the sample stream every 25 samples as a measure of quality control. The ore reference multi-element standards used were CDN-CM-10, CDN-CM-12, and CDN-BL-9 prepared by CDN Resource Laboratories Ltd. Of Delta, B.C. CDN-CM-10 has recommended concentrations of 1.16 g/t +/- 0.12 g/t Au, 0.987% +/- 0.050% Cu, and 0.059% +/- 0.004% Mo. CDN-CM-12 has recommended concentrations of 0.686 g/t +/- 0.072 g/t Au, 0.917% +/- 0.044% Cu, and 0.112% +/- 0.012% Mo. CDN-BL-9 has recommended concentrations of 0.01 g/t Au. The blank used was a typical landscaping rock purchased from a local gardening centre. A complete description of the origin, preparation and analysis of CDN-CM-10, CDN-BL-9, and CDN-CM-12 is attached as Appendix IV.

8. Reclamation

The 2011 Blackwater West exploration program was very low-impact and as a result the only reclamation work conducted was the orderly cleanup/ reclamation of the campsite used for the program. Roads used for access belong to Newgold and at the time of Blackwater West exploration they were undergoing widening, expansion, and improvement. As a result, no road repair of any kind was necessary.

9. Interpretation and Conclusions

The 2011 exploration program added significantly to the geological understanding of the Blackwater West claims, as previously they were only understood in terms of the regional geology. Detailed mapping has identified structure, rock types, and detail not previously covered on these claims. Unfortunately, the concurrent prospecting program was unable to locate rocks with mineralization.

Soil sampling has identified several minor anomalous zones with regard to Au-in-soil within the claims. It has also identified a strong anomalous Ag-in-soil trend within claim 834367 as well as several Ag-in-soil anomalous zones within claims 834998 and 834367. These anomalies may warrant further follow-up when combined with an interpretation of the IP survey conducted over the properties.

10. Recommendations

The results of the 2011 Blackwater West program warrant some minor follow-up:

1. A full and comprehensive analysis of the IP survey results by a qualified geophysicist, as this may be instrumental in assessing potential drill targets when combined with soil sampling assay results.
2. An infill soil-sampling program designed to take samples from sites that surround 2011 soil samples with Ag-in-soil assay results greater than 1ppm (1gpt).
3. It may be warranted to hand or machine trench through some of the anomalous Ag-in-soil trend where suitable. Much of the trend is bog, swamp, and moraine but there are areas where it would appear that outcrop can be found at a shallow depth and these areas could be excavated in search of mineralized rock.
4. Claim 835014 contains neither anomalous precious metals-in-soil nor mineralized rock—not as outcrop nor as float. It is recommended that the claim be allowed to lapse.

11. Statement of Costs.

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Adam Kaufman Sampler	June 30 -Jul 10	11.0	\$350.00	\$3,850.00	
Adrian Boyd - Line Cutter	June 30-July 16	12.0	\$450.00	\$5,400.00	
Adrian Boyd - Sampler	July 17-24, 29-30	17.0	\$350.00	\$5,950.00	
Arnold Boyd - Line Cutter	June 30-July 21, 29-30	29.0	\$450.00	\$13,050.00	
Cheri Herbert - Cook	June 26-29	3.0	\$500.00	\$1,500.00	
Cheri Herbert - Cook	Aug 19, 23,25	6.0	\$350.00	\$2,100.00	
Corey Martens - Construction	June 7-10, June 27-30	8.0	\$450.00	\$3,600.00	
Curtis Rensby - Sampler	June 16-July 20, 27-30	45.0	\$350.00	\$15,750.00	
Dave Holland - Head carpenter	June 7-10, June 27-30	7.0	\$550.00	\$3,850.00	
Gerry Maurer - Construction	Aug 24-26	3.0	\$350.00	\$1,050.00	
Glenda Wyatt - Geologist	June 16-July 10	25.0	\$425.00	\$10,625.00	
Jeff Bramm - Sampler/FA	June 30 - July 10	11.0	\$422.00	\$4,642.00	
Jessica Hardy - Labourer	July 30-July 2	3.0	\$500.00	\$1,500.00	
Jules Joesph	Aug 19, 23, 25	6.0	\$350.00	\$2,100.00	
Justin Rensby - Project Man.	June 11-July 6, July 31-Aug 5	55.5	\$700.00	\$38,850.00	
Lauren Walker - Geologist	June 30 - July 8	9.0	\$550.00	\$4,950.00	
Luke Wadley - Sampler	July 3-21, July 29-Aug 8	33.0	\$350.00	\$11,550.00	
Mindy Herbert - Soils Foreman	June 16 - July22	36.0	\$400.00	\$14,400.00	
Nathan Heeley - Construction	June 7-10, June 27-30	8.0	\$450.00	\$3,600.00	
Nathan Heeley - Swamper	July 29-Aug 5	8.0	\$350.00	\$2,800.00	
Rob Green - Line Cutter	July 20-26	7.0	\$450.00	\$3,150.00	
Rob Green - Line Cutter/FA	July 27-Aug 4	9.0	\$522.00	\$4,698.00	
Theo Dow - Sampler	June 30-July 9	10.0	\$350.00	\$3,500.00	
Theo Dow - Sampler	July 23-Aug 9	18.0	\$350.00	\$6,300.00	
Tim Fisher - Sampler	June 27-July 9	13.0	\$350.00	\$4,550.00	
Tim Fisher - Sampler	July 23-Aug 5	14.0	\$350.00	\$4,900.00	
Tyler George - Foreman	June 27-July 20, July 27-Aug 5	34.0	\$525.00	\$17,850.00	
Tyler George - Project Man.	Aug 6-Aug 31	21.0	\$700.00	\$14,700.00	
Roland Wright - Sampler	July20-Aug 4	16.0	\$450.00	\$7,200.00	
				\$217,965.00	\$217,965.00
Office Studies	List Personnel (note - Office only, do not include field days)				
Literature search			\$0.00	\$0.00	
Database compilation			\$0.00	\$0.00	
Computer modelling			\$0.00	\$0.00	
Reprocessing of data			\$0.00	\$0.00	
General research			\$0.00	\$0.00	
GIS	Tara Holmes	20.0	\$60.00	\$1,200.00	
Report preparation	Anastasia Ledwon	0.5	\$700.00	\$350.00	
Report preparation	Justin Rensby	6.0	\$550.00	\$3,300.00	
Other (specify)				\$0.00	
				\$4,850.00	\$4,850.00
Remote Sensing	Area in Hectares / Enter total invoiced amount or list personnel				
Aerial photography			\$0.00	\$0.00	
LANDSAT			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Geological mapping					
Regional					
Reconnaissance					
Prospect					
Underground	Define by length and width				
Trenches	Define by length and width			\$0.00	\$0.00
Ground geophysics	Line Kilometres / Enter total amount invoiced list personnel				
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics	<i>note: expenditures for your crew in the field should be captured above in Personnel</i>				
SP/AP/EP					
IP	<i>field expenditures above</i>			\$70,800.00	

AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
				\$70,800.00	\$70,800.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Drill (cuttings, core, etc.)			\$0.00	\$0.00	
Stream sediment			\$0.00	\$0.00	
Soil	<i>note: This is for assays or</i>		\$0.00	\$17,646.63	
Rock	<i>laboratory costs</i>		\$0.00	\$0.00	
Water			\$0.00	\$0.00	
Biogeochemistry			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$17,646.63	\$17,646.63
Reclamation	Clarify	No.	Rate	Subtotal	
After drilling			\$0.00	\$0.00	
Monitoring			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
Transportation		No.	Rate	Subtotal	
Airfare			\$0.00	\$5,234.75	
Taxi			\$0.00	\$0.00	
truck rental		165.00	\$90.00	\$14,850.00	
kilometers		25395.00	\$0.75	\$19,046.25	
ATV			\$0.00	\$0.00	
fuel			\$0.00	\$0.00	
Helicopter (hours)			\$0.00	\$4,466.00	
Fuel (litres/hour)			\$0.00	\$0.00	
Truck Maintenance				\$1,312.35	
				\$44,909.35	\$44,909.35
Accommodation & Food	Rates per day				
Hotel			\$0.00	\$609.63	
Camp		697.00	\$165.00	\$115,005.00	
Camp Extra Food				\$341.25	
Camp Supplies				\$7,475.69	
Camp Fuel				\$19,899.83	
Expediting-Shopping		41.50	\$45.00	\$1,867.50	
Expediting-Logistics		60.00	\$35.00	\$2,100.00	
Expediting-Logistics		265.50	\$55.00	\$14,602.50	
Meals	Actual costs total		\$0.00	\$256.29	
				\$162,157.69	\$162,157.69
Miscellaneous					
Project Management Markup			\$0.00	\$43,632.45	
First Nations Consulting				\$1,428.50	
				\$45,060.95	\$45,060.95
Equipment Rentals					
Sat Phone		2.50	\$360.00	\$900.00	
Sat Phone Minutes		700.00	\$2.00	\$1,400.00	
Prospectors Kit		62.00	\$27.00	\$1,674.00	
Soil Sampler Kit		40.00	\$27.00	\$1,080.00	
Line Cutting Kit		149.00	\$57.00	\$8,493.00	
Truck Radio		7.00	\$100.00	\$700.00	
ETV		2.50	\$3,500.00	\$8,750.00	
Trailer LARGE		6.00	\$95.00	\$570.00	
Trailer SMALL		13.00	\$55.00	\$715.00	

Bobcat		6.00	\$550.00	\$3,300.00	
Field Supplies (Lathe, Ribbon, chain oil, mix oil, camp stringers, rock and soil sample bags etc)				\$3,502.63	
				\$31,084.63	\$31,084.63
Freight, rock samples					
Shipping			\$0.00	\$5,752.86	
			\$0.00	\$0.00	
				\$5,752.86	\$5,752.86
<i>TOTAL Expenditures</i>					\$600,227.11

12. References

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13.5 Statement of Qualifications

I, Anastasia Ledwon, do hereby state that:

- I graduated from the University of Victoria in 1997 with a Bachelor of Science in Earth and Ocean Sciences, With Honours, With Distinction;
- I am a member of the Associate of Professional Engineers and Geoscientists of British Columbia and have been since September, 2009, License # 33898;
- I am owner and P.Geol for UTM Exploration Services Ltd. of Smithers, BC;
- I visited this property once but was not the Qualified Person or acting P.Geol for the project; however, UTM did supply the field geologists and crew for the project and practices excellent QA/QC procedures for all of our work.

Signed this 30th day of May, 2012, in Smithers, BC.

A handwritten signature in cursive script, appearing to read 'Anastasia Ledwon', with a horizontal line underneath.

Anastasia Ledwon, P.Geol

Appendix I: AGAT Analytical Technique

Aqua Regia: Aqua Regia digestions are used in the digestion of certain geological samples and are effective for most base metal sulphates, sulphides, oxides, and carbonates. It is noted that aqua regia only provides a partial digestion for most rock forming elements and elements of a refractory nature. Each sample of ~1.0g is digested with a 3:1 hot mixture of hydrochloric and nitric acids for one hour. The resultant product is dissolved and diluted to 50mL with deionized water. An aliquot is measured by a suitable spectrometry instrument (ICPMS in 201074).

Fire Assay: A pulverized sample is weighed and mixed with a fluxing agent. The flux assists in melting, helps fuse the sample at a reasonable temperature and promotes separation of the gangue (waste) material from the precious metals. For fire assaying, fluxes are materials such as borax, soda ash, and silica which are added to the ore. Usually lead, in the form of Litharge (PbO) with Ag is also added as a collector. The lead flux is added to the sample, placed in a fire clay crucible and put into a fusion furnace at 1080 degrees Celsius for about an hour. When heated in the furnace the product is molten and the PbO compound is reduced by other constituents of the flux or sample to metallic lead; such process usually requires 45 to 60 minutes including oven deadtime. Every assay fusion should show two products, a lead button and, above it, a glassy slag. The lead button should be bright, soft and malleable and should separate easily from the slag. Cupels with the lead buttons are placed in a Cupellation furnace and heated at 950 degrees Celsius. At this temperature, the lead melts and is simultaneously oxidized: $2Pb + O_2 \rightarrow 2PbO$. Part of the lead is volatilised and part is drawn into the cupel by capillary attraction, along with any remaining base metal impurities, leaving only a silver Dore bead that represents the entire precious metal content of the original sample. This bead can then be analysed by a variety of methods.

Shorter FA: A pulverized sample is weighed and mixed with fluxing agents such as borax or soda ash which assists in the fusion process. The lead flux is added to the sample along with a collector, silver, in a clay crucible and placed into a fusion furnace at 1080 degrees Celsius for about an hour. When heated in the furnace for 45-60 minutes, PbO is reduced to metallic lead which is then poured into a casting dish. The lead button is removed from the casting dish, and placed on a cupel which is heated in a furnace at 950 degrees Celsius. At this temperature, the lead melts and is oxidized. Part of the lead is volatilised and part is drawn into the cupel by capillary attraction, along with any remaining base metal impurities, leaving only a silver Dore bead that represents the entire precious metal content of the original sample. This bead can then be parted with nitric acid and analysed by ICP-OES for gold content.

Appendix II: 2011 Prospecting- Certificates of Analysis



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

ATTENTION TO: GEO MINERALS BLACK WATER

PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512026

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

DATE REPORTED: Aug 17, 2011

PAGES (INCLUDING COVER): 17

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: 11D512026

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5623 McADAM ROAD
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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: GEO MINERALS BLACK WATER

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

DATE SAMPLED: Jul 22, 2011

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SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
Sample Description	RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.1	0.5	0.05	
132351		0.05	0.57	2.0	<0.01	<5	97	0.26	0.11	0.16	0.04	21.4	0.9	56.5	1.31
132352		0.06	0.66	1.8	<0.01	<5	33	0.50	0.41	0.23	0.11	23.4	3.7	114	1.05
132353		0.01	0.49	6.3	<0.01	<5	122	0.79	0.09	0.27	0.16	38.0	0.4	59.9	2.85
132354		0.02	0.43	40.7	<0.01	<5	344	0.53	0.12	0.02	0.13	40.1	0.6	85.7	2.35
132355		0.05	1.15	4.3	<0.01	<5	54	0.71	0.15	0.43	0.19	39.3	8.6	90.3	4.08
132356		0.03	1.14	5.9	<0.01	<5	31	0.77	0.09	0.43	0.23	47.0	13.4	84.8	2.99
132357		0.06	1.74	2.5	<0.01	<5	76	0.39	0.02	1.04	0.09	33.7	13.4	73.0	1.26
132358		0.03	0.44	43.1	<0.01	<5	538	0.20	0.28	0.03	0.03	22.9	0.5	102	3.09
132359		0.07	0.98	0.3	<0.01	<5	63	0.42	<0.01	1.32	0.23	58.6	24.7	29.5	0.27
132360		<0.01	0.02	<0.1	<0.01	<5	8	<0.05	<0.01	>25	0.02	0.42	0.7	0.5	<0.05
132361		0.03	1.32	0.9	<0.01	<5	395	0.30	0.02	0.38	0.04	30.9	8.0	54.1	2.04
132362		0.14	0.46	22.3	<0.01	<5	70	0.32	1.01	0.01	0.05	33.0	0.3	74.0	1.04
132363		0.04	1.32	8.3	<0.01	<5	131	0.60	0.13	0.74	0.33	35.3	11.6	93.7	1.76
132364		0.05	0.46	0.4	<0.01	<5	102	0.44	0.16	1.33	0.11	29.6	1.8	112	1.90
132365		0.05	2.48	49.1	<0.01	<5	28	0.37	0.04	2.35	0.12	20.6	17.8	57.5	0.37
132366		0.04	0.34	13.1	<0.01	<5	44	0.38	0.02	0.10	0.08	21.9	0.5	131	6.16
132367		0.15	0.42	0.6	<0.01	<5	14	0.78	0.42	0.02	0.14	20.5	0.8	94.1	2.19
132368		0.05	0.54	1.6	<0.01	<5	54	0.57	0.14	0.83	0.05	39.8	4.8	52.7	2.68
132369		0.09	1.45	0.7	<0.01	<5	60	0.30	0.11	1.97	0.09	35.6	14.7	79.4	0.74
132370		3.37	1.75	35.4	0.54	9	115	0.36	1.28	1.05	2.45	16.3	19.4	61.1	2.18
132371		0.04	0.46	0.4	<0.01	<5	84	0.66	0.04	0.52	0.12	32.2	0.8	96.7	2.79
132372		0.05	0.42	0.2	<0.01	<5	81	0.56	0.15	0.47	0.09	28.1	0.6	107	3.05
132851		0.09	0.45	4.6	<0.01	<5	85	0.39	0.21	0.12	0.20	32.6	0.4	94.8	1.28
132852		0.06	2.22	1.5	<0.01	<5	132	0.69	0.04	1.83	0.08	37.6	20.0	120	1.88
132853		0.09	2.02	2.5	<0.01	<5	109	0.50	0.04	2.19	0.13	34.1	18.0	123	1.42
132854		0.12	1.90	2.1	<0.01	<5	93	0.58	0.05	1.55	0.16	39.7	21.9	110	2.39
132855		0.02	0.40	1.4	<0.01	<5	141	0.25	0.05	0.22	0.07	32.2	0.8	100	1.87
132856		0.05	0.29	3.0	<0.01	<5	70	0.57	0.08	0.09	0.05	27.6	0.6	156	1.48
132901		0.02	0.45	0.2	<0.01	<5	53	0.67	0.04	0.14	0.15	30.0	0.3	76.5	2.74
132902		0.04	0.85	0.8	<0.01	<5	58	0.58	0.17	0.23	0.16	22.5	5.0	82.7	0.89
132903		0.02	0.68	1.7	<0.01	<5	113	0.45	0.10	0.28	0.27	12.5	0.8	87.7	10.3
132904		0.05	1.60	0.8	<0.01	<5	22	0.56	0.04	0.91	0.05	14.4	10.9	64.0	0.83

Certified By:

Ron Cardinal



Certificate of Analysis

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ATTENTION TO: GEO MINERALS BLACK WATER

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

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SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
Sample Description	RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.1	0.5	0.05	
132905		0.06	0.36	0.3	<0.01	<5	15	0.20	0.16	0.06	0.01	29.6	1.3	105	3.87
132906		<0.01	0.40	1.6	<0.01	<5	44	0.14	0.01	0.01	0.01	29.4	0.2	64.9	1.08
132907		0.01	0.36	9.8	<0.01	<5	58	0.24	0.02	0.07	0.10	20.1	0.9	76.0	0.78
132908		0.05	0.81	4.0	<0.01	<5	95	0.88	0.31	0.30	0.10	32.6	6.0	71.9	1.36
132909		0.03	0.71	5.3	<0.01	<5	80	0.79	0.28	0.26	0.13	28.9	5.8	81.9	0.57
132910		0.08	0.70	2.2	<0.01	<5	29	0.54	0.35	0.35	0.14	22.1	4.8	109	0.99
132911		0.07	1.92	5.8	<0.01	<5	141	0.48	0.03	1.63	0.14	41.3	17.8	98.4	2.52
132913		0.06	0.61	5.9	<0.01	<5	48	1.00	0.25	0.95	0.07	29.9	6.2	71.6	1.32
132914		0.02	0.42	6.8	<0.01	<5	56	0.28	0.05	0.02	0.03	34.4	0.6	108	2.64
132915		0.15	0.32	3.6	<0.01	<5	62	0.29	0.71	0.02	0.03	37.2	0.5	94.9	2.61
132916		0.02	0.42	2.4	<0.01	<5	37	0.34	0.11	<0.01	<0.01	40.4	0.3	97.2	1.84
132917		0.03	0.33	0.1	<0.01	<5	105	0.30	0.14	0.22	0.06	25.5	0.5	148	1.23
132918		0.03	0.37	0.2	<0.01	<5	58	0.25	0.11	0.02	0.02	32.9	0.4	100	1.09
132919		<0.01	0.02	<0.1	<0.01	<5	5	<0.05	<0.01	>25	<0.01	0.23	0.6	1.8	<0.05
132920		4.15	1.22	34.0	1.04	10	113	0.26	1.75	2.05	1.47	13.3	30.4	40.4	0.75
132921		0.05	0.36	1.7	<0.01	<5	56	0.30	0.16	0.06	0.03	31.7	0.6	150	2.42
132922		0.04	0.38	0.2	<0.01	<5	77	0.31	0.14	0.03	0.03	29.5	0.4	131	2.22

Certified By:

Ron Cardinal



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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
132351		2.5	0.55	2.48	0.10	0.55	<0.01	0.010	0.26	11.0	2.6	0.09	305	0.82	0.03
132352		9.3	1.21	6.71	0.12	0.70	0.01	0.046	0.13	10.5	17.2	0.29	780	2.05	0.09
132353		1.0	0.28	1.88	0.10	0.07	<0.01	<0.005	0.30	21.9	0.3	0.03	1200	0.51	0.02
132354		2.3	0.48	1.75	0.11	0.46	0.01	0.007	0.32	22.5	0.8	0.01	98	2.87	0.03
132355		27.4	2.24	10.2	0.13	0.31	<0.01	0.028	0.12	21.2	18.2	0.70	1080	0.60	0.04
132356		23.3	3.19	9.13	0.16	0.26	<0.01	0.037	0.08	26.0	14.4	0.57	989	1.01	0.07
132357		38.7	3.65	11.7	0.15	0.54	<0.01	0.018	0.10	17.7	14.7	1.02	557	0.67	0.09
132358		2.3	0.51	1.41	0.08	0.32	<0.01	<0.005	0.20	13.0	0.6	0.04	55	2.03	0.06
132359		23.1	5.65	4.92	0.22	0.23	<0.01	0.036	0.10	26.9	6.0	0.86	1420	1.29	0.22
132360		0.4	0.03	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	0.2	0.3	1.57	63	0.07	<0.01
132361		5.7	2.11	22.8	0.13	0.35	<0.01	0.025	0.46	10.7	9.6	0.54	476	1.14	0.07
132362		1.5	0.36	1.51	0.14	0.20	<0.01	<0.005	0.29	19.1	0.6	0.02	254	0.97	0.04
132363		26.3	2.76	13.6	0.15	0.23	<0.01	0.024	0.18	18.4	22.8	1.03	1110	0.72	0.05
132364		2.6	0.61	1.87	0.11	0.16	<0.01	0.011	0.24	16.6	1.6	0.08	940	1.25	0.05
132365		32.2	5.12	12.0	0.15	0.77	<0.01	0.030	0.10	8.2	17.1	1.75	1570	2.45	0.04
132366		2.2	0.40	1.45	0.09	0.31	<0.01	<0.005	0.18	11.3	0.4	0.02	353	0.93	0.05
132367		2.8	0.44	2.13	0.10	0.45	<0.01	0.023	0.20	8.0	4.6	0.02	622	4.68	0.06
132368		25.8	1.00	2.39	0.12	0.26	<0.01	0.007	0.27	22.6	7.4	0.06	294	1.09	0.06
132369		87.8	3.07	7.35	0.14	0.29	<0.01	0.019	0.15	18.2	26.9	1.41	752	0.64	0.06
132370		7810	4.38	10.4	0.13	0.22	0.10	0.094	0.52	7.8	8.6	1.07	603	888	0.11
132371		2.3	0.63	1.85	0.10	0.23	<0.01	<0.005	0.24	18.6	0.5	0.03	320	1.32	0.07
132372		3.8	0.54	1.54	0.10	0.21	<0.01	0.006	0.27	15.9	0.7	0.02	428	1.15	0.05
132851		1.5	0.20	1.42	0.10	0.26	<0.01	<0.005	0.33	19.0	0.4	0.01	552	0.80	0.02
132852		36.0	4.25	14.4	0.16	0.26	0.01	0.041	0.08	18.7	21.6	1.75	854	1.05	0.13
132853		36.4	3.73	12.4	0.16	0.60	0.01	0.037	0.11	16.8	22.0	1.71	1050	1.42	0.12
132854		78.5	4.37	10.4	0.18	0.42	<0.01	0.035	0.12	19.2	19.6	1.45	1150	1.14	0.10
132855		1.9	0.92	1.74	0.10	0.16	<0.01	0.006	0.20	18.6	0.6	0.03	403	1.51	0.08
132856		2.2	0.65	1.43	0.11	0.49	<0.01	0.007	0.17	14.8	0.3	<0.01	566	1.27	0.06
132901		1.2	0.16	1.27	0.10	0.15	<0.01	<0.005	0.27	16.6	0.3	0.01	219	1.03	0.03
132902		9.9	1.53	7.41	0.12	0.49	<0.01	0.020	0.12	10.3	19.3	0.43	893	0.71	0.08
132903		1.9	0.61	2.07	0.07	0.16	0.03	0.008	0.27	6.5	5.7	0.05	743	0.42	0.03
132904		22.3	2.79	9.52	0.15	1.45	<0.01	0.018	0.10	5.6	7.7	0.78	822	0.50	0.05

Certified By:



Certificate of Analysis

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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
132905		3.9	0.81	2.62	0.12	0.80	<0.01	0.015	0.12	14.8	3.0	0.08	238	0.91	0.08
132906		0.9	0.32	1.69	0.11	0.28	<0.01	<0.005	0.18	17.1	0.7	0.03	253	0.52	0.04
132907		1.1	0.45	1.59	0.10	0.29	<0.01	<0.005	0.16	21.3	1.4	0.02	594	0.44	0.06
132908		11.6	1.58	5.76	0.12	0.51	<0.01	0.018	0.19	15.8	15.5	0.34	712	0.73	0.05
132909		12.0	1.58	5.18	0.12	0.51	<0.01	0.019	0.17	13.6	16.6	0.33	737	0.74	0.06
132910		9.7	1.44	6.79	0.13	0.83	<0.01	0.025	0.12	9.6	13.5	0.36	763	1.22	0.10
132911		46.8	3.94	14.6	0.18	0.51	<0.01	0.040	0.11	19.6	41.1	1.17	997	0.57	0.09
132913		14.1	1.69	3.33	0.13	0.48	<0.01	0.019	0.21	15.2	4.2	0.08	830	1.03	0.05
132914		1.6	0.31	1.65	0.12	0.26	<0.01	<0.005	0.23	18.9	0.5	0.02	238	0.89	0.05
132915		1.7	0.17	1.39	0.10	0.42	<0.01	0.007	0.22	20.9	0.3	<0.01	143	0.65	0.06
132916		1.5	0.32	1.96	0.10	0.27	0.01	0.006	0.21	22.6	0.6	0.01	55	0.96	0.04
132917		2.3	0.34	1.17	0.08	0.20	<0.01	0.006	0.19	14.4	0.6	<0.01	370	1.29	0.07
132918		1.4	0.26	1.26	0.10	0.27	0.01	<0.005	0.18	18.8	0.5	<0.01	113	0.83	0.07
132919		0.2	0.03	<0.05	<0.05	<0.02	<0.01	<0.005	<0.01	0.1	0.2	1.76	41	0.05	<0.01
132920		8310	3.28	4.25	0.11	0.23	0.97	0.058	0.19	6.2	7.0	0.82	418	486	0.09
132921		14.1	0.50	1.55	0.13	0.15	<0.01	0.007	0.19	17.3	0.3	0.01	184	1.80	0.06
132922		2.7	0.33	1.30	0.12	0.28	<0.01	<0.005	0.20	16.3	0.6	<0.01	139	1.20	0.06

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: GEO MINERALS BLACK WATER

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

DATE SAMPLED: Jul 22, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Aug 17, 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	0.01	0.01	
132351		2.46	2.0	58	4.6	14.1	<0.001	<0.005	0.23	0.7	<0.2	0.4	13.9	<0.01	<0.01
132352		2.16	10.9	325	8.8	13.1	<0.001	0.005	0.11	3.9	<0.2	1.2	11.4	<0.01	0.01
132353		0.13	1.6	59	5.6	13.6	<0.001	<0.005	0.06	0.4	<0.2	<0.2	36.2	<0.01	<0.01
132354		0.29	2.0	56	42.9	17.9	<0.001	0.022	1.15	0.4	<0.2	<0.2	14.3	<0.01	<0.01
132355		0.14	13.6	789	6.7	13.2	<0.001	<0.005	0.14	6.3	<0.2	0.7	14.8	<0.01	<0.01
132356		0.11	19.9	1140	11.1	7.5	<0.001	0.005	0.16	8.1	<0.2	0.7	13.3	<0.01	<0.01
132357		0.92	19.4	933	5.6	4.2	<0.001	0.011	0.17	5.1	0.3	0.8	49.1	<0.01	<0.01
132358		0.17	2.6	42	7.5	10.3	<0.001	0.015	0.10	0.3	<0.2	<0.2	12.1	<0.01	<0.01
132359		1.45	11.0	2820	2.2	6.9	<0.001	0.018	<0.05	5.2	<0.2	1.2	63.9	0.01	<0.01
132360		0.16	0.9	57	0.1	0.1	0.001	0.534	<0.05	0.2	<0.2	<0.2	5090	<0.01	0.04
132361		0.82	10.2	1040	6.3	17.5	<0.001	0.007	0.82	4.4	<0.2	0.7	37.9	<0.01	<0.01
132362		0.29	1.6	78	9.9	14.1	<0.001	0.018	0.49	0.3	<0.2	<0.2	6.1	<0.01	<0.01
132363		0.16	20.1	1050	5.5	14.1	<0.001	0.008	0.17	4.5	<0.2	0.7	30.0	<0.01	<0.01
132364		0.16	3.3	156	6.7	10.7	<0.001	0.017	0.08	0.8	<0.2	0.3	52.8	<0.01	<0.01
132365		0.33	12.7	1590	5.0	4.8	<0.001	0.504	0.23	10.5	<0.2	0.6	41.6	<0.01	<0.01
132366		1.00	3.2	40	13.8	10.1	<0.001	<0.005	0.26	0.6	<0.2	0.3	5.0	<0.01	0.74
132367		1.86	2.4	83	28.1	24.3	<0.001	<0.005	0.45	2.0	<0.2	0.4	2.3	<0.01	0.01
132368		0.07	3.6	600	4.7	25.5	<0.001	0.030	0.29	1.4	<0.2	<0.2	25.3	<0.01	<0.01
132369		0.09	22.0	1060	2.8	8.1	<0.001	0.023	0.08	4.6	<0.2	0.4	44.3	<0.01	<0.01
132370		0.26	35.9	932	40.8	29.1	0.874	2.08	6.41	9.7	4.4	1.6	46.3	<0.01	0.54
132371		0.26	2.5	90	7.0	12.6	<0.001	0.007	0.28	0.5	<0.2	0.5	51.5	<0.01	<0.01
132372		0.33	2.6	215	7.1	14.4	<0.001	0.006	0.11	0.4	<0.2	0.2	27.6	<0.01	<0.01
132851		0.30	2.1	82	9.4	16.1	<0.001	<0.005	0.29	0.3	<0.2	<0.2	6.0	<0.01	<0.01
132852		0.22	37.7	1490	3.9	4.7	<0.001	0.022	0.36	8.8	<0.2	0.8	77.2	<0.01	<0.01
132853		0.50	36.3	1350	4.1	6.7	<0.001	0.025	0.08	9.8	<0.2	0.9	77.6	<0.01	<0.01
132854		1.02	43.6	1710	4.8	8.2	<0.001	0.017	0.12	9.7	<0.2	0.9	81.8	<0.01	<0.01
132855		0.66	2.6	89	5.6	8.9	<0.001	<0.005	0.23	0.5	<0.2	0.4	13.1	<0.01	<0.01
132856		0.91	3.8	51	4.9	7.7	<0.001	<0.005	0.36	0.6	<0.2	0.4	6.8	<0.01	<0.01
132901		0.11	1.7	285	23.6	11.9	<0.001	<0.005	0.11	0.4	<0.2	<0.2	14.2	<0.01	<0.01
132902		0.57	8.9	480	7.4	12.1	<0.001	<0.005	0.11	3.2	<0.2	0.8	11.0	<0.01	<0.01
132903		0.16	2.2	176	6.4	20.2	<0.001	<0.005	0.47	0.7	<0.2	0.2	17.5	<0.01	<0.01
132904		1.45	11.8	777	3.5	6.5	<0.001	0.079	0.14	9.2	<0.2	1.2	44.0	0.01	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512026

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: GEO MINERALS BLACK WATER

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

DATE SAMPLED: Jul 22, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Aug 17, 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
132905		2.84	4.0	118	6.2	16.3	<0.001	<0.005	0.09	2.3	<0.2	0.8	3.1	<0.01	<0.01
132906		0.37	1.4	45	4.0	10.2	<0.001	<0.005	0.11	0.5	<0.2	0.2	3.9	<0.01	<0.01
132907		0.40	1.8	61	7.3	8.5	<0.001	<0.005	0.85	0.5	<0.2	0.2	9.8	<0.01	<0.01
132908		0.28	10.1	607	7.9	16.7	<0.001	<0.005	0.14	2.3	<0.2	0.5	10.8	<0.01	<0.01
132909		0.26	10.2	521	7.5	13.5	<0.001	<0.005	0.14	2.6	<0.2	0.5	10.8	<0.01	<0.01
132910		4.15	14.9	464	8.8	10.5	<0.001	<0.005	0.97	5.6	<0.2	1.5	17.1	0.01	0.05
132911		0.83	28.1	1880	4.3	8.5	<0.001	0.018	0.07	11.4	<0.2	0.9	54.9	<0.01	<0.01
132913		0.20	10.5	615	7.7	17.0	<0.001	0.016	0.25	2.9	<0.2	0.3	19.7	<0.01	<0.01
132914		0.26	2.6	64	7.7	12.4	<0.001	<0.005	0.87	0.5	<0.2	0.2	4.1	<0.01	<0.01
132915		0.24	2.2	63	15.1	11.4	<0.001	<0.005	0.24	0.7	<0.2	<0.2	4.8	<0.01	<0.01
132916		0.50	2.3	45	3.8	10.9	<0.001	<0.005	2.57	0.6	<0.2	0.3	4.1	<0.01	<0.01
132917		0.36	3.4	38	6.9	10.2	<0.001	<0.005	0.18	0.3	<0.2	0.2	10.6	<0.01	<0.01
132918		0.16	2.3	51	3.6	9.0	<0.001	<0.005	0.13	0.3	<0.2	<0.2	5.0	<0.01	<0.01
132919		0.10	0.7	48	0.1	0.1	0.001	0.518	<0.05	0.2	<0.2	<0.2	4560	<0.01	0.05
132920		0.24	41.8	664	18.4	8.5	0.357	1.42	15.4	5.4	1.6	13.6	142	<0.01	0.36
132921		1.11	3.5	48	7.1	9.3	<0.001	<0.005	0.20	0.6	<0.2	0.4	9.1	<0.01	<0.01
132922		0.30	3.0	93	5.6	11.4	<0.001	<0.005	0.11	0.4	<0.2	0.2	10.4	<0.01	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512026

PROJECT NO: GEOBLA08

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: GEO MINERALS BLACK WATER

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

DATE SAMPLED: Jul 22, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Aug 17, 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	0.5	0.5	
132351		4.1	0.077	0.08	2.64	3.9	0.40	3.70	27.4	14.1
132352		7.7	0.061	0.07	3.85	21.0	0.35	12.5	65.5	16.6
132353		4.3	<0.005	0.10	0.74	1.8	0.11	2.80	39.6	3.5
132354		7.5	<0.005	0.17	1.61	<0.5	0.07	5.53	31.7	14.3
132355		8.0	0.014	0.07	1.53	49.3	0.09	11.5	78.0	11.2
132356		8.0	0.026	0.05	1.67	85.1	0.09	10.5	113	11.7
132357		6.6	0.325	<0.02	3.53	98.6	0.29	9.55	52.6	26.9
132358		4.2	<0.005	0.12	1.42	<0.5	0.13	2.42	13.5	11.5
132359		1.5	0.321	0.04	0.25	105	0.16	28.6	143	14.3
132360		<0.1	<0.005	<0.02	1.43	1.3	<0.05	0.41	5.9	<0.5
132361		3.1	0.166	0.12	1.08	67.6	0.17	2.62	66.3	14.8
132362		5.0	<0.005	0.13	1.33	<0.5	0.07	1.59	16.5	8.1
132363		4.1	0.032	0.08	1.45	69.7	0.08	9.97	81.4	8.2
132364		5.6	<0.005	0.06	0.93	<0.5	0.10	3.16	25.7	7.6
132365		0.8	0.334	0.02	0.35	133	0.15	16.7	94.5	19.6
132366		6.7	<0.005	0.08	1.21	<0.5	0.27	4.20	19.2	9.7
132367		11.2	<0.005	0.16	4.49	<0.5	0.09	7.33	46.6	9.1
132368		5.0	<0.005	0.14	0.96	18.6	<0.05	3.62	22.0	10.4
132369		4.4	0.055	0.04	1.76	83.5	0.08	7.77	68.8	12.6
132370		1.5	0.151	0.43	0.60	114	17.1	10.8	160	5.7
132371		5.8	0.006	0.08	2.39	3.8	0.29	3.24	16.1	8.3
132372		3.3	0.008	0.10	1.77	<0.5	0.25	3.31	17.1	7.9
132851		5.1	<0.005	0.14	0.88	<0.5	0.08	2.84	30.3	8.4
132852		2.6	0.151	0.04	0.80	132	0.07	8.75	81.0	8.1
132853		2.6	0.324	0.04	0.96	126	0.14	7.98	75.4	18.0
132854		2.1	0.391	0.04	1.20	147	0.18	9.85	90.0	21.7
132855		3.5	0.017	0.06	1.35	2.4	0.27	2.34	17.2	5.1
132856		6.1	0.007	0.06	1.32	<0.5	0.41	4.82	9.0	15.3
132901		5.0	<0.005	0.07	1.09	<0.5	0.06	3.93	21.7	6.2
132902		6.7	0.016	0.07	2.42	29.1	0.15	9.86	63.8	13.3
132903		2.8	<0.005	0.19	0.93	<0.5	0.08	3.13	43.8	5.9
132904		0.8	0.366	0.02	1.26	88.2	0.22	14.4	60.2	45.8

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512026

PROJECT NO: GEOBLA08

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: GEO MINERALS BLACK WATER

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

DATE SAMPLED: Jul 22, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Aug 17, 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	0.5	0.5	
132905		11.5	0.061	0.04	2.51	5.4	0.31	7.22	28.4	20.9
132906		6.7	<0.005	0.04	0.72	<0.5	0.17	3.39	15.2	9.0
132907		6.6	<0.005	0.05	0.79	<0.5	0.23	3.71	22.7	10.0
132908		8.1	0.015	0.11	3.16	27.6	0.09	9.71	63.3	16.3
132909		7.5	0.015	0.09	2.76	25.7	0.13	8.66	48.3	17.5
132910		7.2	0.137	0.07	4.22	38.3	0.63	12.3	48.4	20.6
132911		2.3	0.331	0.05	1.54	145	0.14	11.9	99.5	16.5
132913		6.9	0.009	0.10	2.50	27.1	0.11	11.5	43.3	17.1
132914		5.9	<0.005	0.16	1.23	<0.5	0.20	3.23	13.2	10.8
132915		8.5	<0.005	0.09	2.53	<0.5	<0.05	4.57	7.9	13.4
132916		8.2	<0.005	0.09	1.02	<0.5	0.35	4.53	9.9	10.2
132917		3.9	<0.005	0.08	1.19	<0.5	0.22	2.62	11.3	7.0
132918		5.3	<0.005	0.07	1.05	<0.5	0.12	2.64	9.0	10.7
132919		<0.1	<0.005	<0.02	1.60	1.2	<0.05	0.28	1.3	0.7
132920		1.5	0.071	0.13	0.45	64.3	14.7	7.96	81.7	6.0
132921		6.6	0.010	0.07	2.88	<0.5	0.41	3.67	12.0	5.2
132922		5.5	<0.005	0.09	1.31	<0.5	0.17	3.04	13.4	10.3

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512026

PROJECT NO: GEOBLA08

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: GEO MINERALS BLACK WATER

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

DATE SAMPLED: Jul 22, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Aug 17, 2011

SAMPLE TYPE: Rock

Sample Description	Analyte:	Sample	Au
	RDL:	Login Weight	ppm
	Unit:	kg	
132351		1.58	0.003
132352		2.28	0.002
132353		1.58	0.002
132354		1.38	0.004
132355		1.48	0.005
132356		1.96	0.004
132357		1.30	0.005
132358		0.90	0.004
132359		0.66	0.004
132360		0.90	0.001
132361		2.32	0.004
132362		1.12	0.004
132363		1.26	0.007
132364		1.80	0.003
132365		1.48	0.002
132366		1.66	0.003
132367		1.24	0.004
132368		1.12	0.010
132369		1.18	0.009
132370		0.10	0.742
132371		1.70	0.004
132372		1.28	0.002
132851		1.62	0.001
132852		1.60	0.010
132853		2.54	0.004
132854		2.08	0.003
132855		2.52	0.005
132856		3.06	0.004
132901		1.12	0.002
132902		1.32	0.004
132903		1.52	0.003
132904		0.94	0.003

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512026

PROJECT NO: GEOBLA08

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CLIENT NAME: UTM EXPLORATION SERVICES

ATTENTION TO: GEO MINERALS BLACK WATER

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

DATE SAMPLED: Jul 22, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Aug 17, 2011

SAMPLE TYPE: Rock

Sample Description	Analyte:	Sample	Au
	RDL:	Login Weight	ppm
	Unit:	kg	
132905		1.32	0.006
132906		0.82	0.003
132907		1.24	0.003
132908		0.84	0.008
132909		1.14	0.004
132910		0.92	0.002
132911		2.04	0.002
132913		2.92	0.010
132914		1.00	0.002
132915		1.40	0.002
132916		2.70	0.002
132917		2.10	0.003
132918		1.86	0.001
132919		1.22	0.002
132920		0.10	1.34
132921		1.66	0.003
132922		2.20	0.002

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512026
ATTENTION TO: GEO MINERALS BLACK WATER

Solid Analysis											
RPT Date: Aug 17, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
						Lower				Upper	
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2562525	0.003	0.007		< 0.001	0.195	0.203	96%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2562549	0.004	0.004	0.0%	< 0.001	0.0813	0.0849	96%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2562562	0.002	0.002	0.0%	< 0.001				80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2562574	0.002	0.002	0.0%	< 0.001				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2562525	0.05	0.04	22.2%	< 0.01				80%	120%
Al	1	2562525	0.57	0.57	0.0%	< 0.01				80%	120%
As	1	2562525	2.0	2.0	0.0%	1.5	22	22	100%	80%	120%
Au	1	2562525	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
B	1	2562525	< 5	< 5	0.0%	< 5	6.5	7.00	93%	80%	120%
Ba	1	2562525	97	94	3.1%	< 1				80%	120%
Be	1	2562525	0.257	0.249	3.2%	< 0.05				80%	120%
Bi	1	2562525	0.11	0.11	0.0%	< 0.01				80%	120%
Ca	1	2562525	0.155	0.155	0.0%	< 0.01				80%	120%
Cd	1	2562525	0.04	0.04	0.0%	< 0.01	0.84	1	84%	80%	120%
Ce	1	2562525	21.4	21.3	0.5%	< 0.01	41	35	117%	80%	120%
Co	1	2562525	0.9	0.9	0.0%	< 0.1				80%	120%
Cr	1	2562525	56.5	55.1	2.5%	< 0.5	31	34	91%	80%	120%
Cs	1	2562525	1.31	1.30	0.8%	< 0.05				80%	120%
Cu	1	2562525	2.54	1.95	26.3%	< 0.1	38.6	38	101%	80%	120%
Fe	1	2562525	0.55	0.55	0.0%	< 0.01	3.0	3.4	88%	80%	120%
Ga	1	2562525	2.48	2.58	4.0%	< 0.05				80%	120%
Ge	1	2562525	0.101	0.091	10.4%	0.07				80%	120%
Hf	1	2562525	0.554	0.559	0.9%	< 0.02				80%	120%
Hg	1	2562525	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
In	1	2562525	0.010	0.009	10.5%	< 0.005				80%	120%
K	1	2562525	0.26	0.26	0.0%	< 0.01				80%	120%
La	1	2562525	11.0	11.0	0.0%	< 0.1				80%	120%
Li	1	2562525	2.6	2.6	0.0%	< 0.1				80%	120%
Mg	1	2562525	0.09	0.09	0.0%	< 0.01				80%	120%
Mn	1	2562525	305	320	4.8%	< 1	2705	2630	102%	80%	120%
Mo	1	2562525	0.82	0.82	0.0%	< 0.05	6.34	7.00	90%	80%	120%
Na	1	2562525	0.03	0.03	0.0%	< 0.01				80%	120%
Nb	1	2562525	2.46	2.50	1.6%	< 0.05				80%	120%
Ni	1	2562525	2.0	1.8	10.5%	< 0.2	26	25	104%	80%	120%
P	1	2562525	58	56	3.5%	< 10				80%	120%
Pb	1	2562525	4.6	4.5	2.2%	< 0.1	39.5	39	101%	80%	120%
Rb	1	2562525	14.1	14.5	2.8%	< 0.1				80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512026

PROJECT NO: GEOBLA08

ATTENTION TO: GEO MINERALS BLACK WATER

Solid Analysis (Continued)												
RPT Date: Aug 17, 2011			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Re	1	2562525	< 0.001	< 0.001	0.0%	< 0.001				80%	120%	
S	1	2562525	< 0.005	< 0.005	0.0%	< 0.005				80%	120%	
Sb	1	2562525	0.231	0.251	8.3%	< 0.05				80%	120%	
Sc	1	2562525	0.7	0.7	0.0%	< 0.1				80%	120%	
Se	1	2562525	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Sn	1	2562525	0.4	0.4	0.0%	< 0.2				80%	120%	
Sr	1	2562525	13.9	13.9	0.0%	< 0.2				80%	120%	
Ta	1	2562525	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Te	1	2562525	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Th	1	2562525	4.12	4.02	2.5%	< 0.1				80%	120%	
Ti	1	2562525	0.077	0.077	0.0%	< 0.005				80%	120%	
Tl	1	2562525	0.08	0.08	0.0%	< 0.02	0.3	0.3	102%	80%	120%	
U	1	2562525	2.64	2.61	1.1%	< 0.05				80%	120%	
V	1	2562525	3.93	4.11	4.5%	< 0.5	62.6	61	102%	80%	120%	
W	1	2562525	0.40	0.42	4.9%	< 0.05				80%	120%	
Y	1	2562525	3.70	3.73	0.8%	< 0.05				80%	120%	
Zn	1	2562525	27.4	27.1	1.1%	< 0.5	192	204	94%	80%	120%	
Zr	1	2562525	14.1	14.4	2.1%	< 0.5				80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)												
Ag	1	2562549	0.09	0.07	25.0%	< 0.01	34	35	97%	80%	120%	
Al	1	2562549	2.02	2.02	0.0%	< 0.01				80%	120%	
As	1	2562549	2.52	2.23	12.2%	0.3				80%	120%	
Au	1	2562549	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
B	1	2562549	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	2562549	109	107	1.9%	< 1				80%	120%	
Be	1	2562549	0.50	0.51	2.0%	< 0.05				80%	120%	
Bi	1	2562549	0.04	0.04	0.0%	< 0.01				80%	120%	
Ca	1	2562549	2.19	2.19	0.0%	< 0.01				80%	120%	
Cd	1	2562549	0.126	0.119	5.7%	< 0.01				80%	120%	
Ce	1	2562549	34.1	34.1	0.0%	< 0.01				80%	120%	
Co	1	2562549	18.0	18.1	0.6%	< 0.1				80%	120%	
Cr	1	2562549	123	120	2.5%	< 0.5				80%	120%	
Cs	1	2562549	1.42	1.38	2.9%	< 0.05				80%	120%	
Cu	1	2562549	36.4	36.7	0.8%	< 0.1	4480	5000	90%	80%	120%	
Fe	1	2562549	3.73	3.70	0.8%	< 0.01				80%	120%	
Ga	1	2562549	12.4	12.5	0.8%	< 0.05				80%	120%	
Ge	1	2562549	0.16	0.17	6.1%	< 0.05				80%	120%	
Hf	1	2562549	0.602	0.593	1.5%	< 0.02				80%	120%	
Hg	1	2562549	0.01	0.01	0.0%	< 0.01				80%	120%	
In	1	2562549	0.037	0.037	0.0%	< 0.005				80%	120%	
K	1	2562549	0.11	0.11	0.0%	< 0.01				80%	120%	
La	1	2562549	16.8	16.6	1.2%	< 0.1				80%	120%	
Li	1	2562549	22.0	21.7	1.4%	< 0.1				80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512026

PROJECT NO: GEOBLA08

ATTENTION TO: GEO MINERALS BLACK WATER

Solid Analysis (Continued)											
RPT Date: Aug 17, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
						Lower				Upper	
Mg	1	2562549	1.71	1.72	0.6%	< 0.01			80%	120%	
Mn	1	2562549	1050	1070	1.9%	< 1			80%	120%	
Mo	1	2562549	1.42	1.51	6.1%	< 0.05			80%	120%	
Na	1	2562549	0.12	0.12	0.0%	< 0.01			80%	120%	
Nb	1	2562549	0.502	0.494	1.6%	< 0.05			80%	120%	
Ni	1	2562549	36.3	35.1	3.4%	< 0.2			80%	120%	
P	1	2562549	1350	1330	1.5%	< 10			80%	120%	
Pb	1	2562549	4.1	4.1	0.0%	< 0.1			80%	120%	
Rb	1	2562549	6.65	6.50	2.3%	< 0.1			80%	120%	
Re	1	2562549	< 0.001	< 0.001	0.0%	< 0.001			80%	120%	
S	1	2562549	0.025	0.025	0.0%	< 0.005			80%	120%	
Sb	1	2562549	0.08	0.08	0.0%	< 0.05			80%	120%	
Sc	1	2562549	9.75	9.62	1.3%	< 0.1			80%	120%	
Se	1	2562549	< 0.2	< 0.2	0.0%	< 0.2			80%	120%	
Sn	1	2562549	0.9	0.9	0.0%	< 0.2			80%	120%	
Sr	1	2562549	77.6	75.2	3.1%	< 0.2			80%	120%	
Ta	1	2562549	< 0.01	< 0.01	0.0%	< 0.01			80%	120%	
Te	1	2562549	< 0.01	< 0.01	0.0%	< 0.01			80%	120%	
Th	1	2562549	2.6	2.6	0.0%	< 0.1			80%	120%	
Ti	1	2562549	0.324	0.322	0.6%	< 0.005			80%	120%	
Tl	1	2562549	0.04	0.04	0.0%	< 0.02			80%	120%	
U	1	2562549	0.964	0.944	2.1%	< 0.05			80%	120%	
V	1	2562549	126	123	2.4%	< 0.5			80%	120%	
W	1	2562549	0.140	0.147	4.9%	< 0.05			80%	120%	
Y	1	2562549	7.98	7.87	1.4%	< 0.05			80%	120%	
Zn	1	2562549	75.4	75.1	0.4%	< 0.5	68	72	94%	80%	120%
Zr	1	2562549	18.0	17.7	1.7%	< 0.5			80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2562565	0.02	0.02	0.0%	< 0.01			80%	120%	
Al	1	2562565	0.423	0.427	0.9%	< 0.01			80%	120%	
As	1	2562565	6.8	6.8	0.0%	< 0.1			80%	120%	
Au	1	2562565	< 0.01	< 0.01	0.0%	< 0.01			80%	120%	
B	1	2562565	< 5	< 5	0.0%	< 5			80%	120%	
Ba	1	2562565	56	60	6.9%	< 1			80%	120%	
Be	1	2562565	0.282	0.275	2.5%	< 0.05			80%	120%	
Bi	1	2562565	0.055	0.057	3.6%	< 0.01			80%	120%	
Ca	1	2562565	0.02	0.02	0.0%	< 0.01			80%	120%	
Cd	1	2562565	0.031	0.040	25.4%	< 0.01			80%	120%	
Ce	1	2562565	34.4	35.0	1.7%	< 0.01			80%	120%	
Co	1	2562565	0.6	0.6	0.0%	< 0.1			80%	120%	
Cr	1	2562565	108	106	1.9%	< 0.5			80%	120%	
Cs	1	2562565	2.64	2.85	7.7%	< 0.05			80%	120%	
Cu	1	2562565	1.65	1.87	12.5%	< 0.1			80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512026
ATTENTION TO: GEO MINERALS BLACK WATER

Solid Analysis (Continued)										
RPT Date: Aug 17, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
Fe	1	2562565	0.31	0.31	0.0%	< 0.01			80%	120%
Ga	1	2562565	1.65	1.65	0.0%	< 0.05			80%	120%
Ge	1	2562565	0.12	0.11	8.7%	< 0.05			80%	120%
Hf	1	2562565	0.265	0.284	6.9%	< 0.02			80%	120%
Hg	1	2562565	< 0.01	0.01		< 0.01			80%	120%
In	1	2562565	< 0.005	< 0.005	0.0%	< 0.005			80%	120%
K	1	2562565	0.23	0.23	0.0%	< 0.01			80%	120%
La	1	2562565	18.9	19.6	3.6%	< 0.1			80%	120%
Li	1	2562565	0.5	0.5	0.0%	< 0.1			80%	120%
Mg	1	2562565	0.02	0.02	0.0%	< 0.01			80%	120%
Mn	1	2562565	238	234	1.7%	< 1			80%	120%
Mo	1	2562565	0.89	0.89	0.0%	< 0.05			80%	120%
Na	1	2562565	0.045	0.045	0.0%	< 0.01			80%	120%
Nb	1	2562565	0.26	0.27	3.8%	< 0.05			80%	120%
Ni	1	2562565	2.60	2.54	2.3%	< 0.2			80%	120%
P	1	2562565	64	65	1.6%	< 10			80%	120%
Pb	1	2562565	7.73	8.07	4.3%	< 0.1			80%	120%
Rb	1	2562565	12.4	12.8	3.2%	< 0.1			80%	120%
Re	1	2562565	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2562565	< 0.005	< 0.005	0.0%	< 0.005			80%	120%
Sb	1	2562565	0.87	0.89	2.3%	< 0.05			80%	120%
Sc	1	2562565	0.5	0.5	0.0%	< 0.1			80%	120%
Se	1	2562565	< 0.2	< 0.2	0.0%	< 0.2			80%	120%
Sn	1	2562565	0.2	0.2	0.0%	< 0.2			80%	120%
Sr	1	2562565	4.1	4.2	2.4%	< 0.2			80%	120%
Ta	1	2562565	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Te	1	2562565	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Th	1	2562565	5.87	6.05	3.0%	< 0.1			80%	120%
Ti	1	2562565	< 0.005	< 0.005	0.0%	< 0.005			80%	120%
Tl	1	2562565	0.16	0.16	0.0%	< 0.02			80%	120%
U	1	2562565	1.23	1.32	7.1%	< 0.05			80%	120%
V	1	2562565	< 0.5	< 0.5	0.0%	< 0.5			80%	120%
W	1	2562565	0.20	0.21	4.9%	< 0.05			80%	120%
Y	1	2562565	3.23	3.26	0.9%	< 0.05			80%	120%
Zn	1	2562565	13.2	13.6	3.0%	< 0.5			80%	120%
Zr	1	2562565	10.8	10.9	0.9%	< 0.5			80%	120%

Certified By:

Ron Cardinal



Method Summary

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512026

PROJECT NO: GEOBLA08

ATTENTION TO: GEO MINERALS BLACK WATER

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: 11D512026

PROJECT NO: GEOBLA08

ATTENTION TO: GEO MINERALS BLACK WATER

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 III: 2011 Soil Sampling-- Certificates of Analysis



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

ATTENTION TO: RICHARD BECK

PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027

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

DATE REPORTED: Sep 07, 2011

PAGES (INCLUDING COVER): 159

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**

VERSION 1: Updated copy - changed reporting unit for Au from ppm to ppb (9/7/2011).

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: 11D512027

PROJECT NO: GEOBLA08

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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
7200x5050		0.40	0.02	1.05	2.7	<1	<5	91	0.34	0.06	0.34	0.05	24.6	3.6	14.7
7200x5150		0.54	0.03	1.09	2.6	<1	<5	92	0.33	0.06	0.36	0.04	23.3	3.6	14.7
7200x5250		0.60	0.04	1.15	1.7	<1	<5	85	0.34	0.09	0.34	0.08	24.3	3.3	13.1
7200x5350		0.56	0.04	1.02	4.0	<1	<5	82	0.37	0.07	0.32	0.06	28.2	3.6	14.7
7200x5450		0.60	0.03	0.93	1.8	<1	<5	67	0.24	0.08	0.45	0.05	32.5	2.7	13.5
7200x5550		0.48	0.04	1.87	3.5	<1	<5	92	0.50	0.09	0.16	0.11	19.0	4.3	15.4
7200x5650		0.42	0.03	1.23	3.1	<1	<5	146	0.37	0.09	0.39	0.06	30.5	3.4	14.0
7200x5750		0.40	0.05	1.31	2.0	<1	<5	82	0.26	0.11	0.34	0.08	21.2	3.6	16.5
7200x5850		0.24	0.09	1.14	3.0	<1	<5	157	0.36	0.08	1.55	0.25	27.7	4.6	17.8
7300x5050		0.56	0.03	2.00	3.6	<1	<5	107	0.58	0.08	0.25	0.07	25.5	5.1	17.1
7300X5150		0.56	0.11	1.13	1.6	<1	<5	61	0.20	0.12	0.22	0.09	20.0	2.4	10.9
7300x5250		0.88	0.02	0.99	2.8	<1	<5	63	0.26	0.10	0.32	0.08	24.2	3.3	11.8
7300X5350		0.46	0.06	0.94	1.7	<1	<5	68	0.24	0.08	0.26	0.06	18.4	2.5	10.6
7300X5450		0.54	0.02	1.46	3.0	<1	<5	73	0.40	0.08	0.19	0.07	26.2	4.7	18.4
7300X5550		0.72	0.02	1.52	3.7	<1	<5	51	0.47	0.08	0.19	0.07	26.9	4.0	16.0
7300x5600		0.08	0.61	1.30	3.5	<1	<5	100	0.23	0.06	0.93	0.33	15.0	8.0	22.9
7300x5650		0.56	0.03	1.29	3.3	<1	<5	94	0.31	0.09	0.39	0.07	25.4	4.0	12.8
7300x5750		0.56	0.11	2.02	3.4	<1	<5	63	0.36	0.13	0.15	0.09	19.8	2.8	13.6
7300x5850		0.68	0.02	1.49	2.7	<1	<5	86	0.37	0.09	0.18	0.05	26.5	3.1	13.3
7400x5050		0.34	0.16	2.39	1.8	<1	<5	161	0.61	0.15	0.55	0.21	30.6	9.0	26.1
7400x5150		0.50	0.17	4.99	6.6	<1	<5	206	0.86	0.13	0.26	0.08	22.2	7.9	31.2
7400x5250		0.42	0.07	3.26	5.0	<1	<5	64	0.79	0.08	0.16	0.07	22.4	6.0	24.6
7400x5350		0.44	0.05	1.87	3.1	<1	<5	107	0.48	0.08	0.19	0.06	21.7	5.0	17.2
7400x5450		0.38	0.12	1.91	3.0	<1	<5	103	0.50	0.12	0.18	0.14	23.1	3.0	13.0
7400x5550		0.34	0.05	1.28	2.9	<1	<5	81	0.36	0.08	0.24	0.16	18.0	3.2	13.5
7400x5650		0.44	0.02	1.22	1.7	2	<5	55	0.17	0.14	0.13	0.08	19.2	1.2	9.1
7400x5750		0.64	0.04	1.25	1.8	<1	<5	122	0.27	0.09	0.37	0.05	24.6	3.6	12.6
7400x5850		0.28	0.34	1.21	432	<1	5	2820	1.32	0.05	2.96	1.57	20.8	17.5	<0.5
7500x5050		0.60	0.01	1.48	2.1	<1	<5	62	0.35	0.11	0.14	0.05	17.9	2.1	12.3
7500x5150		0.58	0.03	1.73	3.4	<1	<5	50	0.41	0.09	0.16	0.07	18.8	4.3	17.7
7500x5250		0.48	0.09	0.94	1.3	<1	<5	66	0.19	0.14	0.28	0.05	19.9	3.4	12.8
7500x5350		0.80	0.04	2.71	5.3	<1	<5	152	0.59	0.12	0.23	0.04	19.7	5.3	20.5

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
7500x5450		0.76	0.06	1.36	3.0	<1	<5	100	0.29	0.10	0.26	0.06	20.2	3.9	14.0
7500x5550		0.60	0.02	0.89	1.6	<1	<5	62	0.22	0.09	0.30	0.08	23.5	2.8	12.0
7500x5650		0.46	0.11	1.78	3.1	<1	<5	112	0.91	0.11	0.24	0.14	30.9	2.5	11.0
7500x5750		0.64	0.04	1.05	1.7	<1	<5	73	0.27	0.09	0.33	0.05	22.9	3.5	11.6
7500x5850		0.68	0.07	1.83	2.5	<1	<5	119	0.57	0.13	0.48	0.11	33.9	6.5	18.7
7600x5050		0.42	0.09	3.11	4.6	<1	<5	92	0.72	0.10	0.14	0.11	23.7	5.8	23.1
7600x5150		0.42	0.04	1.96	3.6	<1	<5	88	0.42	0.10	0.22	0.07	32.8	6.9	27.4
7600x5250		0.52	0.14	1.31	2.0	<1	<5	129	0.97	0.11	1.05	0.34	37.9	4.8	21.7
7600x5350		0.38	0.04	1.07	2.3	<1	<5	34	0.18	0.13	0.14	0.05	18.1	2.9	14.7
7600x5450		0.74	0.01	1.78	2.7	<1	<5	60	0.40	0.10	0.16	0.05	26.3	3.4	15.2
7600x5550		0.52	0.11	2.37	4.2	<1	<5	78	0.52	0.12	0.16	0.11	21.7	3.7	18.4
7600x5650		0.48	0.05	1.39	2.6	<1	<5	90	0.43	0.11	0.13	0.10	27.3	3.6	11.2
7600x5750		0.40	0.09	1.40	2.1	<1	<5	99	0.40	0.12	0.40	0.13	22.5	2.9	12.8
7600x5850		0.18	0.49	4.37	4.6	<1	<5	296	1.86	0.18	1.00	0.20	56.8	12.7	26.2
7700x5050		0.52	0.05	1.10	2.8	<1	<5	116	0.45	0.07	0.43	0.06	23.8	4.2	17.9
7700x5150		0.46	0.08	1.92	3.4	<1	<5	72	0.53	0.08	0.16	0.08	20.2	4.5	18.6
7700x5250		0.54	0.09	1.10	1.7	833	<5	125	0.37	0.06	0.38	0.07	28.6	4.2	13.2
7700x5300		0.06	3.93	1.33	30.9	<1	7	131	0.26	1.58	2.09	1.33	15.3	28.5	38.3
7700x5350		0.58	0.04	0.81	1.8	71	<5	50	0.28	0.07	0.33	0.04	21.5	2.7	11.1
7700x5450		0.42	0.15	2.86	6.9	6	<5	85	0.53	0.16	0.21	0.11	22.5	8.1	18.5
7700x5550		0.44	0.06	2.60	4.9	<1	<5	87	0.52	0.14	0.19	0.11	22.3	6.1	17.2
7700x5650		0.36	0.14	2.94	3.0	<1	<5	236	0.77	0.15	0.59	0.15	25.4	7.9	21.4
7700x5750		0.50	0.05	1.69	2.9	<1	<5	51	0.42	0.09	0.11	0.04	22.1	2.8	11.4
7700x5850		0.46	0.15	1.44	1.8	<1	<5	103	0.42	0.10	0.46	0.10	23.6	4.2	15.0
7800x5050		0.52	0.15	1.01	2.1	<1	<5	153	0.54	0.10	0.59	0.14	24.0	2.8	14.6
7800x5150		0.32	0.37	4.37	4.1	<1	<5	315	2.00	0.18	1.07	0.43	46.1	16.7	31.6
7800x5250		0.62	0.07	2.08	3.5	<1	<5	86	0.52	0.08	0.19	0.07	20.1	5.3	21.5
7800x5350		0.42	0.12	1.51	2.1	<1	<5	106	0.50	0.09	0.46	0.12	29.9	5.7	18.1
7800x5450		0.30	0.17	1.27	1.4	<1	<5	145	0.24	0.13	0.42	0.24	21.1	5.3	16.5
7800x5550		0.48	0.05	0.90	1.2	<1	<5	49	0.10	0.13	0.18	0.04	17.3	1.2	9.5
7800x5650		0.56	0.14	0.95	3.4	<1	<5	46	0.34	0.06	0.15	0.08	23.9	4.0	16.9
7800x5750		0.18	0.13	1.63	1.3	<1	<5	173	0.60	0.16	0.92	0.17	29.1	4.6	12.3

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
7800x5850		0.44	0.06	1.35	4.2	<1	<5	50	0.42	0.08	0.12	0.07	18.5	3.4	15.7
7900x5050		0.34	0.14	2.45	4.8	<1	<5	76	0.57	0.10	0.18	0.13	21.3	6.9	22.9
7900x5150		0.28	0.59	5.92	5.5	<1	<5	381	1.89	0.20	0.99	0.39	43.2	18.9	37.7
7900x5250		0.32	0.31	3.25	4.3	<1	<5	243	2.16	0.18	1.08	0.37	41.3	15.5	22.3
7900x5350		0.48	0.09	2.36	4.7	<1	<5	59	0.55	0.09	0.13	0.07	17.3	5.3	22.7
7900x5450		0.64	0.05	0.78	1.7	<1	<5	74	0.23	0.07	0.33	0.06	19.4	3.0	11.0
7900x5550		0.58	0.23	2.15	1.7	<1	<5	226	0.89	0.13	0.92	0.24	28.6	4.1	19.3
7900x5650		0.56	0.06	1.96	3.4	<1	<5	59	0.49	0.08	0.14	0.08	19.8	4.2	17.7
7900x5750		0.44	0.17	1.25	2.2	<1	<5	98	0.57	0.08	0.54	0.19	23.6	4.8	14.6
7900x5850		0.44	0.07	1.49	2.4	<1	<5	45	0.29	0.09	0.13	0.07	16.0	1.8	10.1
7900x5900		0.08	0.36	1.26	3.6	<1	<5	98	0.23	0.05	0.90	0.23	13.8	8.5	21.7
8000x5050		0.60	0.11	1.57	1.7	<1	<5	111	0.44	0.10	0.41	0.13	27.6	5.4	16.3
8000x5150		0.46	0.07	0.83	0.9	2	<5	59	0.12	0.14	0.22	0.08	20.9	1.8	11.6
8000x5250		0.40	0.10	1.19	2.5	<1	<5	64	0.28	0.16	0.29	0.12	24.3	4.3	20.3
8000x5350		0.62	0.36	2.71	3.1	<1	<5	60	0.33	0.19	0.12	0.10	23.8	3.3	19.8
8000x5450		0.60	0.15	1.32	3.3	<1	<5	45	0.27	0.10	0.20	0.09	18.0	3.3	17.3
8000x5550		0.68	0.02	0.97	1.6	<1	<5	81	0.19	0.09	0.17	0.07	16.9	3.2	10.8
8000x5650		0.66	0.12	1.05	1.5	<1	<5	99	0.24	0.13	0.56	0.11	18.9	4.4	18.1
8000x5750		0.40	0.03	1.04	2.3	<1	<5	33	0.15	0.11	0.08	0.05	16.3	1.2	8.6
8000x5850		0.68	0.03	1.01	1.5	<1	<5	48	0.13	0.12	0.11	0.04	17.2	1.1	6.9
8100x5050		0.48	<0.01	0.54	1.2	<1	<5	49	0.13	0.12	0.17	0.10	21.2	1.4	10.8
8100x5150		0.70	0.11	1.21	1.7	<1	<5	111	0.31	0.10	0.37	0.13	20.1	5.0	15.6
8100x5250		0.48	0.01	0.77	1.9	<1	<5	49	0.16	0.13	0.24	0.08	20.3	2.9	16.9
8100x5350		0.52	0.06	1.35	2.3	<1	<5	48	0.26	0.13	0.14	0.09	17.5	2.6	19.6
8100x5450		0.68	0.09	1.22	2.4	1	<5	41	0.23	0.12	0.12	0.09	16.1	2.7	19.2
8100x5550		0.56	0.04	0.71	1.4	<1	<5	36	0.10	0.17	0.12	0.05	20.1	1.5	9.1
8100x5650		0.66	0.03	0.82	1.3	<1	<5	86	0.20	0.12	0.19	0.11	19.0	2.0	7.9
8100x5750		0.52	0.05	2.03	4.2	<1	<5	38	0.37	0.15	0.09	0.04	15.9	2.3	14.4
8100x5850		0.62	0.07	0.85	1.1	<1	<5	75	0.27	0.10	0.46	0.15	18.0	3.4	10.2
8200x5050		0.50	0.16	1.29	3.9	<1	<5	57	0.35	0.13	0.15	0.08	16.9	3.7	20.1
8200x5150		0.58	0.04	0.91	4.2	<1	<5	39	0.19	0.12	0.13	0.09	17.7	3.2	21.6
8200x5250		0.58	0.22	1.15	2.1	<1	<5	39	0.21	0.12	0.15	0.07	17.4	3.0	20.5

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
8200x5350		0.58	0.07	1.75	4.1	<1	<5	66	0.59	0.09	0.20	0.11	24.3	5.9	22.6
8200x5450		0.66	0.05	1.68	3.8	<1	<5	72	0.57	0.09	0.18	0.10	23.5	5.8	20.6
8200x5550		0.64	<0.01	0.65	1.0	<1	<5	38	0.18	0.13	0.19	0.04	20.1	1.5	8.2
8200x5600		0.06	4.09	1.21	32.2	1150	7	127	0.27	1.85	2.14	1.35	16.3	30.0	40.6
8200x5650		0.48	0.11	2.72	4.1	<1	<5	85	0.56	0.18	0.15	0.13	18.5	5.5	17.7
8200x5750		0.46	0.42	3.36	3.9	<1	<5	283	2.99	0.18	1.85	0.66	52.0	6.9	21.6
8200x5850		0.52	0.47	3.03	3.6	<1	<5	203	1.76	0.17	1.34	0.41	38.8	5.9	23.2
8300x5050		0.36	0.03	0.77	1.4	<1	<5	63	0.19	0.12	0.28	0.08	20.1	2.3	12.3
8300x5150		0.44	0.03	1.19	2.9	<1	<5	58	0.33	0.10	0.15	0.10	17.4	4.0	19.5
8300x5250		0.48	<0.01	0.46	0.9	<1	<5	32	0.08	0.14	0.11	0.05	17.0	1.5	13.6
8300x5350		0.34	0.03	0.67	1.5	<1	<5	38	0.15	0.13	0.16	0.05	17.2	1.8	13.8
8300x5450		0.40	<0.01	1.36	2.7	<1	<5	66	0.29	0.15	0.12	0.07	16.7	3.6	17.0
8300x5550		0.58	0.07	1.30	3.9	<1	<5	56	0.29	0.15	0.15	0.08	20.6	3.4	19.1
8300x5650		0.54	0.02	1.47	3.2	<1	<5	43	0.23	0.18	0.10	0.05	21.6	1.7	10.5
8300x5750		0.46	0.22	1.78	2.3	<1	<5	193	1.02	0.16	0.90	0.28	42.0	4.6	13.0
8300x5850		0.40	0.36	2.72	5.2	<1	<5	282	3.54	0.18	2.78	0.49	78.3	6.8	17.0
9200x3850		0.56	0.12	1.27	3.9	<1	<5	54	0.45	0.13	0.19	0.08	18.2	5.1	21.0
9200x3950		0.46	0.10	0.80	1.6	<1	<5	83	0.29	0.11	0.31	0.09	18.0	3.1	16.5
9200x4050		0.52	0.20	1.75	1.9	<1	<5	157	0.66	0.12	0.26	0.10	22.8	4.7	15.8
9200x4150		0.52	0.06	1.30	2.2	<1	<5	39	0.31	0.13	0.15	0.09	17.5	3.2	14.7
9200x4250		0.46	0.08	2.98	4.1	<1	<5	58	0.81	0.13	0.16	0.42	21.4	5.1	21.2
9200x4350		0.40	0.05	1.77	3.5	<1	<5	39	0.32	0.15	0.11	0.07	19.0	2.9	17.2
9200x4450		0.52	<0.01	0.64	1.3	<1	<5	29	0.10	0.12	0.09	0.05	22.2	1.2	8.0
9200x4550		0.46	0.62	2.38	6.0	<1	<5	414	6.26	0.21	2.07	0.63	46.3	7.0	16.1
9200x4650		0.46	<0.01	0.54	1.4	<1	<5	32	0.14	0.14	0.14	0.05	14.8	1.7	13.9
9200x4750		0.52	0.11	0.96	2.4	<1	<5	31	0.13	0.14	0.11	0.05	18.2	1.9	13.8
9200x4850		0.52	0.06	1.81	3.7	<1	<5	63	0.55	0.11	0.15	0.10	20.4	4.6	17.7
9200x4950		0.48	0.06	1.91	4.6	<1	<5	74	0.66	0.12	0.12	0.08	22.3	5.2	20.1
9200x5000		0.06	0.54	1.20	3.8	<1	<5	99	0.24	0.05	0.91	0.27	12.9	9.4	22.4
9200x5050		0.48	0.11	0.44	0.9	<1	<5	54	0.13	0.14	0.32	0.13	20.5	0.9	9.2
9200x5150		0.54	0.37	3.17	15.0	<1	<5	402	5.47	0.29	1.98	0.83	72.2	6.6	19.5
9200x5250		0.50	0.24	2.11	3.9	<1	<5	121	0.57	0.13	0.29	0.36	21.2	8.1	18.6

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
9200x5350		0.44	0.09	0.63	0.9	<1	<5	32	0.08	0.15	0.09	0.07	16.7	1.1	6.1
9300x3800		0.40	0.15	1.84	2.4	<1	<5	113	0.65	0.16	0.35	0.11	24.0	8.2	17.9
9300x3850		0.52	0.10	1.45	4.3	<1	<5	61	0.61	0.10	0.21	0.07	18.1	6.1	21.7
9300x3950		0.42	0.07	1.59	2.1	<1	<5	130	0.66	0.24	0.16	0.07	25.5	2.8	11.5
9300x4050		0.42	0.22	2.56	4.4	<1	<5	92	0.95	0.15	0.22	0.19	23.1	6.0	23.7
9300x4150		0.66	0.09	1.06	1.9	1	<5	80	0.40	0.13	0.28	0.11	23.5	4.1	13.6
9300x4250		0.54	0.09	0.92	2.6	<1	<5	36	0.19	0.15	0.15	0.07	18.5	2.5	14.1
9300x4350		0.68	0.08	1.46	2.4	<1	<5	95	0.58	0.10	0.27	0.10	20.7	4.6	16.0
9300x4450		0.68	0.07	2.00	3.6	<1	<5	106	0.56	0.14	0.19	0.10	25.0	5.3	19.3
9300x4550		0.62	0.16	2.88	3.2	<1	<5	263	2.48	0.22	1.02	0.33	29.3	7.6	22.4
9300x4650		0.62	0.30	4.42	15.5	<1	<5	453	8.87	0.89	1.29	0.63	65.5	9.9	34.0
9300x4750		0.64	0.09	2.04	4.4	<1	<5	101	0.69	0.13	0.18	0.09	21.4	6.0	19.3
9300x4850		0.44	0.20	2.76	3.7	<1	<5	66	0.73	0.20	0.10	0.15	21.3	3.7	17.4
9300x4950		0.58	0.11	0.95	1.7	<1	<5	88	0.47	0.15	0.38	0.13	21.6	3.2	12.2
9300x5050		0.56	0.28	1.42	16.4	<1	<5	182	6.74	0.25	0.64	0.31	65.3	4.8	23.6
9300x5150		0.40	0.09	2.29	6.0	<1	<5	64	0.58	0.17	0.11	0.13	21.1	2.5	13.7
9300x5250		0.50	0.20	1.91	10.8	<1	<5	182	2.30	0.18	0.68	0.28	72.0	5.5	23.5
9300x5350		0.74	0.08	0.78	2.0	2	<5	62	0.23	0.10	0.34	0.07	20.8	3.0	10.9
9300x5450		0.60	0.09	1.33	3.1	2	<5	83	0.41	0.10	0.19	0.07	19.4	3.6	12.8
9400x3850		0.46	0.58	3.06	8.5	<1	<5	272	2.48	0.53	0.52	0.63	48.7	12.5	26.5
9400x3950		0.60	0.53	2.20	3.4	1	<5	94	0.53	0.83	0.12	0.41	24.0	3.4	16.7
9400x4000		0.06	0.49	1.23	4.1	<1	7	104	0.28	0.06	0.92	0.26	12.9	9.9	23.3
9400x4050		0.52	0.42	0.94	2.6	10	<5	56	0.25	0.36	0.18	0.44	24.1	4.2	16.5
9400x4150		0.50	0.12	1.95	6.0	<1	<5	78	0.66	0.13	0.25	0.23	18.1	5.5	20.8
9400x4250		0.60	0.09	2.04	4.3	<1	<5	90	0.56	0.12	0.18	0.11	21.2	6.1	22.9
9400x4350		0.64	0.16	2.43	6.0	<1	<5	253	3.89	0.28	0.52	0.18	42.3	7.3	23.1
9400x4450		0.48	0.21	2.55	5.3	<1	<5	91	0.70	0.19	0.19	0.17	23.3	6.7	26.0
9400x4550		0.78	0.11	1.58	3.6	<1	<5	137	1.72	0.19	0.70	0.31	32.9	6.5	19.6
9400x4650		0.48	0.14	1.31	2.6	<1	<5	72	0.38	0.14	0.16	0.16	17.5	2.4	13.0
9400x4750		0.44	0.12	2.70	4.1	<1	<5	82	0.89	0.15	0.16	0.13	17.8	4.8	19.8
9400x4850		0.70	0.12	1.75	8.3	<1	<5	179	2.60	0.20	0.59	0.28	31.2	7.0	23.3
9400x4950		0.54	0.08	1.29	6.1	<1	<5	108	1.19	0.18	0.34	0.13	24.3	4.5	17.6

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
9400x5050		0.58	0.08	1.51	5.0	<1	<5	52	0.44	0.14	0.14	0.09	18.6	4.5	18.9
9400x5150		0.46	0.38	3.40	17.3	1	<5	387	11.1	0.44	1.12	0.46	140	6.3	16.4
9400x5250		0.52	0.22	2.90	9.1	<1	<5	280	3.77	0.25	0.92	0.52	51.2	8.2	22.0
9400x5350		0.54	0.38	1.67	12.9	<1	<5	193	3.50	0.18	1.05	0.43	47.6	4.9	15.3
9400x5450		0.30	0.19	1.23	5.5	<1	<5	112	1.10	0.08	0.82	0.37	27.8	4.4	21.8
9500x4050		0.68	0.20	1.55	3.2	<1	<5	112	0.57	0.15	0.28	0.06	24.0	5.1	18.5
9500x4150		0.50	0.04	0.87	1.3	<1	<5	40	0.17	0.17	0.12	0.05	19.2	1.7	11.4
9500x4250		0.44	0.10	2.16	3.5	1	<5	65	0.47	0.11	0.18	0.12	16.1	4.3	18.0
9500x4350		0.46	0.10	1.61	3.3	<1	<5	74	0.38	0.12	0.28	0.08	24.7	4.6	16.5
9500x4450		0.62	0.12	1.11	1.8	<1	<5	58	0.27	0.15	0.31	0.10	22.6	3.7	15.9
9500x4550		0.60	0.05	0.89	2.3	<1	<5	83	0.50	0.13	0.38	0.07	32.5	3.8	12.7
9500x4650		0.52	0.07	3.74	3.9	<1	<5	250	3.39	0.23	0.61	0.23	36.4	8.7	23.0
9500x4750		0.54	0.08	1.01	2.0	<1	<5	76	0.42	0.19	0.25	0.09	20.8	3.3	10.5
9500x4850		0.50	0.05	2.09	3.4	2	<5	62	0.55	0.13	0.19	0.10	19.7	5.1	18.4
9500x4950		0.62	0.06	1.24	1.7	<1	<5	49	0.35	0.15	0.18	0.09	21.0	3.4	16.4
9500x5050		0.44	0.07	2.58	3.1	<1	<5	206	0.94	0.16	0.18	0.13	33.0	3.7	11.2
9500x5100		0.06	4.16	1.39	33.7	873	9	138	0.34	1.74	2.07	1.41	16.8	31.9	41.6
9500x5150		0.38	0.17	1.28	3.3	6	<5	62	0.44	0.17	0.15	0.38	22.1	3.7	17.9
9500x5250		0.42	0.16	1.42	10.6	<1	<5	138	1.58	0.20	0.38	0.15	31.8	3.6	11.6
9500x5350		0.54	0.11	1.24	4.5	<1	<5	113	0.67	0.13	0.35	0.11	24.1	4.8	22.1
9600x4050		0.61	0.22	1.42	1.4	1	<5	106	0.38	0.15	0.23	0.09	20.2	4.5	14.9
9600x4150		0.62	0.05	1.70	2.1	7	<5	135	0.50	0.17	0.23	0.09	21.6	4.7	16.0
9600x4250		0.48	0.06	2.29	2.8	<1	<5	70	0.57	0.22	0.19	0.17	22.3	4.1	16.1
9600x4350		0.48	0.08	1.56	2.8	<1	<5	135	1.23	0.15	0.28	0.07	20.3	4.6	16.2
9600x4450		0.47	0.18	1.35	2.0	<1	<5	43	0.19	0.14	0.23	0.08	18.8	4.0	23.7
9600x4550		0.56	0.17	2.34	3.5	<1	<5	77	0.63	0.19	0.18	0.14	21.8	5.3	17.6
9600x4650		0.47	0.06	1.10	1.8	<1	<5	75	0.43	0.14	0.22	0.07	22.4	3.2	11.5
9600x4750		0.50	0.04	1.23	2.0	1	<5	48	0.30	0.14	0.21	0.06	18.1	2.7	12.1
9600x4850		0.65	0.03	0.67	1.5	<1	<5	47	0.15	0.16	0.11	0.03	17.9	1.9	11.0
9600x4950		0.45	0.05	1.06	2.6	5	<5	44	0.31	0.13	0.19	0.12	18.0	3.3	16.3
9600x5050		0.62	0.17	1.57	2.4	<1	<5	66	0.49	0.26	0.12	0.09	21.3	2.3	10.1
9600x5150		0.40	0.09	1.72	2.0	<1	<5	178	0.46	0.16	0.50	0.09	21.6	3.2	10.3

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
9600x5250		0.49	0.05	0.66	3.1	<1	<5	59	0.17	0.15	0.14	0.08	18.0	2.5	18.2
9600x5350		0.56	0.06	0.50	1.5	<1	<5	28	0.10	0.19	0.07	0.06	18.1	1.1	8.4
9600x5450		0.47	0.10	1.08	5.3	1	<5	67	0.19	0.13	0.11	0.07	17.2	1.5	10.5
9700x4050		0.37	0.14	1.12	1.9	<1	<5	138	1.26	0.15	0.40	0.22	33.7	3.6	16.6
9700x4150		0.38	0.04	0.67	1.2	<1	<5	54	0.16	0.17	0.14	0.07	22.3	2.0	13.1
9700x4250		0.55	0.07	2.86	4.3	<1	<5	74	0.66	0.12	0.13	0.11	20.0	6.2	24.2
9700x4350		0.35	0.07	1.23	1.9	<1	<5	41	0.21	0.14	0.12	0.06	18.1	2.6	17.7
9700x4400		0.07	0.41	1.28	4.0	<1	8	96	0.30	0.05	0.89	0.22	12.6	9.8	20.3
9700x4450		0.42	0.06	1.74	4.6	<1	<5	88	0.73	0.10	0.24	0.09	40.8	7.3	21.9
9700x4550		0.37	0.06	1.23	2.2	<1	<5	40	0.30	0.14	0.14	0.15	18.2	3.9	23.2
9700x4650		0.43	0.06	2.28	3.6	<1	<5	84	0.86	0.14	0.19	0.14	21.6	4.8	16.6
9700x4750		0.58	0.05	1.30	2.4	<1	<5	127	0.55	0.11	0.60	0.10	20.0	5.5	15.6
9700x4850		0.31	0.06	1.86	1.5	<1	<5	99	0.57	0.16	0.10	0.10	38.2	1.7	7.1
9700x4950		0.45	0.03	1.09	1.7	<1	<5	59	0.30	0.14	0.35	0.05	20.1	4.8	17.6
9700x5050		0.57	0.04	1.89	6.6	<1	<5	118	1.07	0.16	0.28	0.07	26.3	6.1	16.8
9700x5150		0.49	0.86	1.81	6.7	3	<5	188	4.27	0.14	0.85	0.37	91.7	4.8	17.2
9700x5250		0.58	0.07	1.28	3.9	2	<5	85	0.46	0.23	0.17	0.11	19.8	4.4	16.2
9700x5350		0.31	0.24	0.83	2.4	<1	<5	115	0.34	0.21	0.23	0.14	18.1	1.2	7.8
9700x5450		0.35	0.08	0.81	4.9	17	<5	67	0.18	0.17	0.07	0.08	19.9	1.4	7.2
9700x5550		0.39	0.06	0.84	6.1	<1	<5	74	0.22	0.17	0.13	0.45	18.2	1.9	12.5
9700x5650		0.36	0.08	1.75	5.1	<1	<5	61	0.57	0.09	0.12	0.08	21.9	4.8	17.3
9700x5750		0.50	0.09	1.07	5.3	<1	<5	73	0.69	0.08	0.17	0.07	26.1	4.7	16.5
9800x4050		0.28	0.03	0.58	1.7	<1	<5	56	0.20	0.12	0.20	0.04	17.3	2.0	11.2
9800x4150		0.41	0.05	1.31	2.4	<1	<5	73	0.53	0.12	0.22	0.07	19.9	5.0	17.8
9800x4250		0.48	0.03	1.38	2.6	<1	<5	45	0.47	0.23	0.14	0.10	22.2	3.0	12.0
9800x4350		0.57	0.11	2.21	4.1	<1	<5	81	0.64	0.15	0.15	0.10	20.4	5.1	21.5
9800x4450		0.38	0.05	1.26	2.6	<1	<5	191	1.11	0.25	0.53	0.14	23.8	3.9	16.1
9800x4550		0.38	0.08	2.41	3.5	<1	<5	72	0.70	0.14	0.17	0.15	21.3	4.8	18.9
9800x4650		0.56	0.05	1.31	1.6	2	<5	117	0.83	0.16	0.41	0.09	23.0	4.9	16.1
9800x4750		0.40	0.03	1.19	3.3	<1	<5	69	1.16	0.18	0.17	0.06	24.4	5.0	9.9
9800x4850		0.49	0.04	1.67	1.8	<1	<5	103	0.72	0.18	0.17	0.05	24.2	3.9	10.5
9800x4950		0.59	0.03	1.40	1.9	1	<5	78	0.58	0.15	0.24	0.04	21.7	3.8	13.2

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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														
9800x5000	0.07	4.56	1.35	34.1	930	11	130	0.35	1.78	2.04	1.42	16.1	33.1	40.0
9800x5050	0.53	0.14	1.77	4.5	4	<5	78	1.14	0.14	0.18	0.10	24.2	4.0	15.4
9800x5150	0.35	0.05	1.89	3.7	<1	<5	74	0.53	0.31	0.11	0.08	20.7	4.0	16.7
9800x5250	0.49	0.05	1.82	4.0	<1	<5	152	0.76	0.16	0.36	0.06	25.3	4.4	12.7
9800x5350	0.38	0.17	1.46	3.6	<1	<5	201	1.12	0.32	0.22	0.17	27.0	1.8	9.8
9800x5450	0.35	0.06	0.66	2.8	<1	<5	44	0.16	0.20	0.12	0.10	18.6	1.7	13.9
9800x5550	0.42	0.13	1.73	8.1	<1	<5	66	0.55	0.12	0.15	0.38	20.1	4.2	22.8
9800x5650	0.26	0.90	1.26	5.2	<1	<5	467	5.70	0.14	1.10	2.98	52.9	3.6	7.1
9800x5750	0.41	0.07	2.15	5.4	<1	<5	52	0.61	0.10	0.12	0.09	17.7	4.1	14.8
9900x4050	0.42	0.13	1.54	4.7	<1	<5	162	2.02	0.17	0.40	0.08	29.9	4.1	15.5
9900x4150	0.47	0.11	1.87	2.5	<1	<5	80	0.76	0.13	0.22	0.08	20.8	5.3	17.8
9900x4250	0.40	0.03	1.61	2.8	<1	<5	72	0.61	0.16	0.18	0.11	23.1	3.2	12.3
9900x4350	0.41	0.07	2.12	3.3	<1	<5	72	0.55	0.14	0.13	0.08	18.0	5.8	20.7
9900x4450	0.51	0.06	2.48	3.6	<1	<5	79	0.81	0.16	0.13	0.05	22.4	4.3	15.8
9900x4550	0.43	0.07	2.62	5.3	<1	<5	106	1.35	0.14	0.15	0.08	21.5	6.8	20.2
9900x4650	0.55	0.12	2.06	4.2	<1	<5	93	1.05	0.14	0.22	0.09	25.2	6.3	17.8
9900x4750	0.67	0.04	1.92	3.0	<1	<5	113	0.73	0.28	0.21	0.05	25.1	4.9	14.6
9900x4850	0.73	0.05	1.24	2.3	<1	<5	103	1.14	0.15	0.36	0.04	22.0	4.1	14.2
9900x4950	0.61	0.07	1.12	2.9	<1	<5	76	0.58	0.16	0.25	0.05	19.2	4.2	16.2
9900x5050	0.54	0.08	2.52	4.4	<1	<5	70	0.87	0.15	0.10	0.06	20.0	4.7	17.8
9900x5150	0.44	0.09	0.88	4.5	1	<5	36	0.20	0.17	0.10	0.09	16.8	3.0	15.7
9900x5250	0.39	0.09	2.36	15.4	<1	<5	143	1.21	0.18	0.14	0.10	28.1	3.7	12.5
9900x5350	0.55	0.07	0.70	4.0	<1	<5	67	0.24	0.20	0.14	0.08	16.6	2.3	11.3
9900x5450	0.41	0.20	0.75	2.9	<1	5	399	0.67	0.16	0.52	1.87	27.9	0.9	5.7
9900x5550	0.31	0.15	0.61	3.1	<1	<5	80	0.18	0.25	0.13	0.29	19.3	0.9	6.4
9900x5600	0.09	0.43	1.26	4.1	<1	8	98	0.31	0.05	0.85	0.22	11.8	9.9	21.1
9900x5650	0.75	0.07	0.82	5.2	<1	<5	140	0.56	0.16	0.28	0.17	21.4	2.5	8.6
9900x5750	0.53	0.84	3.35	28.0	1	<5	518	4.81	0.26	0.94	0.44	47.8	6.9	19.2
0000x4050	0.49	0.11	1.20	2.0	<1	<5	66	0.47	0.15	0.11	0.08	19.2	2.9	11.5
0000x4150	0.53	0.09	1.37	2.4	<1	<5	83	0.65	0.12	0.19	0.10	17.2	5.7	15.3
0000x4250	0.59	0.09	1.11	2.9	1	<5	46	0.49	0.11	0.17	0.12	19.1	5.3	17.2
0000x4350	0.45	0.05	0.75	1.3	<1	<5	57	0.20	0.27	0.11	0.13	25.4	2.3	12.1

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0000x4450		0.50	0.12	2.27	3.6	<1	<5	85	0.90	0.19	0.12	0.09	20.5	3.8	15.5
0000x4550		0.33	0.12	2.57	4.8	<1	<5	78	0.83	0.14	0.11	0.09	16.4	5.2	17.5
0000x4650		0.58	0.08	2.35	4.1	<1	<5	92	1.26	0.18	0.18	0.08	26.4	5.5	17.0
0000x4750		0.65	0.04	1.48	2.4	<1	<5	114	0.85	0.19	0.17	0.05	24.7	3.4	10.9
0000x4850		0.57	0.03	1.10	1.3	<1	<5	95	0.80	0.17	0.30	0.05	23.9	3.9	12.7
0000x4950		0.44	0.07	2.00	2.5	2	<5	62	0.63	0.15	0.12	0.07	19.0	2.9	13.5
0000x5050		0.65	0.09	1.81	1.7	<1	<5	76	0.53	0.20	0.11	0.07	25.9	2.4	10.0
0000x5150		0.47	0.06	1.59	3.8	<1	<5	78	0.44	0.16	0.12	0.15	21.2	3.4	17.5
0000x5250		0.56	0.13	1.16	2.8	<1	<5	75	0.26	0.17	0.12	0.07	24.0	2.7	13.4
0000x5350		0.40	0.11	2.05	10.2	<1	<5	183	0.89	0.21	0.18	0.10	24.7	4.4	10.9
0000x5450		0.79	0.06	0.78	2.3	<1	<5	82	0.29	0.48	0.12	0.05	19.7	1.1	7.0
0000x5550		0.55	0.06	0.49	3.2	<1	<5	31	0.10	0.22	0.07	0.07	19.2	1.3	8.8
0000x5650		0.32	0.06	0.51	1.0	<1	<5	60	0.10	0.12	0.08	0.15	17.3	2.1	13.2
0000x5750		0.36	0.08	0.72	4.6	26	<5	62	0.26	0.12	0.13	0.21	24.0	1.7	11.0
0000x6750		0.60	0.04	1.34	4.5	<1	<5	97	0.78	0.17	0.20	0.17	25.0	6.4	13.6
0000x6850		0.52	0.09	1.45	4.1	1	<5	61	0.36	0.21	0.11	0.11	16.4	2.6	21.0
0000x6950		0.31	0.12	0.75	2.5	<1	<5	51	0.23	0.18	0.08	0.11	17.3	1.8	14.0
0000x7050		0.32	0.08	0.68	0.8	<1	<5	97	0.19	0.14	0.19	0.13	16.5	1.3	11.2
0000x7100		0.07	3.45	1.85	32.0	538	6	149	0.46	1.26	1.06	2.42	19.6	19.4	61.2
0000x7150		0.47	0.13	0.99	3.4	4	<5	67	0.41	0.15	0.20	0.13	17.9	3.4	14.8
0000x7250		0.46	0.18	1.18	1.0	<1	<5	44	0.28	0.11	0.27	0.12	14.3	3.5	23.4
0000x7350		0.56	0.21	1.20	1.3	<1	<5	67	0.45	0.13	0.31	0.14	17.5	4.4	13.0
0000x7450		0.55	0.09	1.23	2.3	<1	<5	56	0.31	0.11	0.20	0.07	22.1	4.1	19.5
0000x7550		0.47	0.11	2.16	3.7	<1	<5	54	0.51	0.12	0.12	0.11	19.0	3.5	15.9
0000x7650		0.54	0.15	1.39	2.4	<1	<5	44	0.27	0.20	0.14	0.10	15.8	3.5	12.3
0000x7750		0.44	0.37	3.19	3.2	1	<5	210	3.82	0.19	1.08	0.75	61.4	7.8	20.1
0000x7850		0.57	0.06	2.05	3.6	<1	<5	101	0.85	0.09	0.34	0.11	27.4	8.9	19.7
0000x7950		0.49	0.14	1.20	2.8	2	<5	50	0.29	0.10	0.11	0.06	17.0	2.7	12.9
0000x8050		0.58	0.09	0.82	1.1	<1	<5	39	0.10	0.13	0.09	0.04	18.5	1.3	7.2
0000x8150		0.45	0.10	1.59	1.6	2	<5	37	0.25	0.12	0.10	0.05	16.6	2.3	10.9
0000x8250		0.42	0.33	3.29	2.9	<1	<5	233	2.09	0.13	1.41	0.49	49.6	8.3	17.2
0000x8350		0.31	0.19	1.25	1.8	<1	<5	77	0.58	0.10	0.26	0.13	22.2	4.1	14.8

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0000x8450		0.40	0.18	1.21	5.1	2	<5	38	0.66	0.11	0.08	0.13	21.9	5.8	8.0
9800x6750		0.35	0.23	1.51	4.8	<1	<5	87	1.26	0.21	0.19	0.24	25.4	7.9	22.8
9800x6850		0.22	0.33	1.52	2.5	<1	<5	72	0.65	0.18	0.10	0.14	18.1	2.9	12.2
9800x6950		0.43	0.20	1.67	1.7	<1	<5	70	0.60	0.13	0.73	0.37	18.2	4.4	13.1
9800x7050		0.37	0.19	1.51	2.3	<1	<5	74	0.76	0.15	0.19	0.13	23.5	5.7	17.3
9800x7150		0.37	0.19	1.96	4.0	<1	<5	79	0.81	0.11	0.22	0.16	31.8	5.9	14.1
9800x7250		0.28	0.19	2.35	3.9	<1	<5	57	0.81	0.12	0.14	0.16	18.8	6.2	13.2
9800x7350		0.25	0.25	1.39	3.1	<1	<5	63	0.74	0.16	0.12	0.09	17.4	3.6	32.9
9800x7450		0.40	0.13	1.52	2.3	<1	<5	63	0.29	0.17	0.23	0.07	27.6	4.6	16.4
9800x7550		0.41	0.17	2.08	4.0	<1	<5	47	0.60	0.09	0.10	0.10	15.4	3.6	16.0
9800x7650		0.20	1.07	3.03	13.8	1	<5	168	5.98	0.13	0.51	0.50	57.4	8.8	22.0
9800x7700		0.07	0.64	1.18	3.7	1	7	96	0.36	0.05	0.79	0.25	12.1	9.7	21.3
9800x7750		0.33	0.37	3.57	5.1	1	<5	292	2.63	0.17	1.22	0.70	55.2	8.9	25.7
9800x7850		0.39	0.15	1.21	1.3	<1	<5	76	0.30	0.10	0.29	0.08	17.7	5.5	20.3
9800x7950		0.41	0.22	1.75	2.6	<1	<5	95	0.63	0.11	0.19	0.09	20.4	6.0	14.9
9800x8050		0.36	0.17	1.29	1.5	<1	<5	51	0.32	0.11	0.17	0.07	18.5	3.0	11.5
9800x8150		0.37	0.18	0.92	1.6	<1	<5	63	0.19	0.13	0.17	0.06	18.3	4.3	17.9
9800x8250		0.24	0.65	1.18	1.6	<1	<5	76	0.30	0.11	0.27	0.14	17.8	3.6	13.1
9800x8350		0.32	0.19	1.84	2.3	<1	<5	58	0.44	0.10	0.18	0.08	18.7	3.9	15.1
9800x8450		0.30	0.11	1.09	2.2	<1	<5	38	0.25	0.11	0.17	0.08	19.4	3.3	12.9
9900x6750		0.34	0.22	1.94	5.8	<1	<5	126	1.06	0.16	0.33	0.39	17.1	10.2	28.3
9900x6850		0.28	0.21	2.05	4.7	<1	<5	81	0.84	0.23	0.20	0.13	20.4	9.2	27.9
9900x6950		0.33	0.25	1.94	4.6	<1	<5	57	0.70	0.14	0.13	0.16	18.9	4.6	15.5
9900x7050		0.30	0.13	1.11	2.6	<1	<5	50	0.35	0.15	0.14	0.15	17.2	2.8	13.7
9900x7150		0.37	0.35	2.04	2.8	<1	<5	100	1.02	0.14	0.55	0.24	33.7	6.8	17.4
9900x7250		0.27	0.20	2.34	3.5	<1	<5	60	0.72	0.14	0.18	0.10	19.7	5.5	26.9
9900x7350		0.26	0.92	2.32	3.4	1	<5	39	0.66	0.15	0.16	0.07	19.2	3.9	17.2
9900x7450		0.48	0.29	1.82	2.2	<1	<5	100	0.86	0.12	0.63	0.13	24.8	6.6	24.9
9900x7550		0.20	0.30	0.91	1.7	<1	<5	58	0.42	0.15	0.10	0.15	19.8	2.4	14.3
9900x7650		0.50	0.11	1.08	2.4	1	<5	62	0.63	0.09	0.38	0.07	25.9	4.3	16.6
9900x7750		0.31	1.05	1.56	3.0	2	<5	63	0.55	0.12	0.12	0.11	17.5	3.4	13.9
9900x7850		0.45	0.19	1.15	2.2	<1	<5	121	0.32	0.15	0.17	0.17	20.4	3.2	15.7

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
9900x7950		0.61	0.24	0.98	1.5	<1	<5	52	0.32	0.10	0.19	0.05	17.8	3.6	10.9
9900x8050		0.64	0.20	1.04	1.4	<1	<5	69	0.43	0.10	0.34	0.07	19.0	4.0	11.6
9900x8150		0.47	0.13	1.96	2.4	<1	<5	58	0.51	0.12	0.14	0.10	17.8	3.1	11.5
9900x8250		0.32	0.06	0.71	1.2	3	<5	49	0.11	0.12	0.16	0.09	18.9	2.8	13.8
9900x8300		0.07	3.70	1.27	28.3	1130	<5	120	0.20	1.62	1.99	1.18	15.8	26.1	39.1
9900x8350		0.32	0.14	0.80	1.2	5	<5	51	0.11	0.12	0.16	0.05	20.0	2.9	11.8
9900x8450		0.40	0.13	1.76	2.6	2	<5	95	0.38	0.09	0.29	0.13	26.1	4.2	13.1
0100x4050		0.50	0.06	0.50	0.9	2	<5	36	0.10	0.12	0.16	0.03	15.8	1.6	14.4
0100x4150		0.53	0.05	1.03	1.2	<1	<5	43	0.20	0.12	0.19	0.05	18.5	3.0	15.8
0100x4250		0.53	0.08	1.50	1.7	<1	<5	71	0.28	0.14	0.18	0.05	19.5	3.3	18.2
0100x4350		0.53	0.06	0.75	0.5	<1	<5	57	0.11	0.22	0.08	0.03	27.6	0.7	5.7
0100x4450		0.51	0.05	0.93	0.7	<1	<5	79	0.12	0.23	0.13	0.06	23.8	1.3	11.2
0100x4550		0.50	0.10	1.26	1.3	<1	<5	48	0.16	0.43	0.09	0.06	20.5	1.4	10.5
0100x4650		0.55	0.06	1.89	1.7	<1	<5	76	0.34	0.27	0.13	0.05	21.6	3.0	13.7
0100x4750		0.51	0.06	1.73	3.1	<1	<5	89	0.42	0.16	0.16	0.06	20.1	2.2	10.2
0100x4850		0.43	0.09	1.81	3.3	<1	<5	125	4.37	0.30	0.55	0.10	47.7	3.6	14.9
0100x4950		0.51	0.22	1.59	1.3	<1	<5	88	0.39	0.21	0.13	0.09	25.0	2.3	12.6
0100x5050		0.43	0.06	1.73	2.4	<1	<5	93	0.46	0.24	0.13	0.05	26.9	2.8	13.8
0100x5150		0.41	0.04	0.76	0.8	<1	<5	84	0.24	0.19	0.23	0.06	25.0	1.2	7.4
0100x5250		0.49	0.15	0.74	0.6	<1	<5	54	0.08	0.19	0.04	0.05	28.3	0.5	5.0
0100x5350		0.52	0.09	2.67	9.0	<1	<5	88	0.55	0.17	0.10	0.15	18.4	2.6	11.6
0100x5450		0.44	0.05	0.87	0.7	<1	<5	65	0.17	0.39	0.13	0.04	16.7	1.1	24.1
0100x5550		0.56	0.09	0.85	0.6	2	<5	63	0.17	0.39	0.12	0.04	16.5	1.1	23.3
0100x5650		0.52	0.20	0.61	2.9	<1	<5	32	0.08	0.15	0.07	0.11	19.9	1.1	9.4
0100x5750		0.51	0.17	0.68	3.3	<1	<5	50	0.11	0.14	0.15	0.21	18.5	2.4	20.7
0100x5850		0.65	0.09	1.00	6.8	<1	<5	82	0.32	0.11	0.24	0.26	17.6	2.3	11.8
0100x5950		0.74	0.11	0.82	2.4	<1	<5	91	0.48	0.11	0.47	0.25	26.4	3.5	13.3
0100x6050		0.58	0.06	0.63	1.1	<1	<5	36	0.11	0.08	0.13	0.12	14.7	1.3	8.0
0100x6150		0.51	0.08	1.00	1.5	2	<5	63	0.15	0.09	0.13	0.14	15.2	1.8	9.9
0100x6200		0.08	0.51	1.35	3.0	2	<5	99	0.24	0.06	0.90	0.26	12.8	8.7	21.4
0100x6750		0.29	0.28	1.03	4.4	<1	<5	322	0.43	0.17	0.35	0.29	26.8	4.8	13.4
0100x6850		0.39	0.66	2.31	9.5	2	<5	84	0.71	0.23	0.13	0.10	21.0	4.8	26.4

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0100x6950		0.30	0.19	1.98	5.0	<1	<5	48	0.34	0.20	0.11	0.07	18.5	4.0	24.9
0100x7050		0.41	0.19	2.76	4.7	<1	<5	198	1.12	0.17	0.69	0.28	71.0	7.6	22.4
0100x7150		0.30	0.12	0.99	1.9	<1	<5	45	0.19	0.17	0.17	0.08	18.1	2.7	16.8
0100x7250		0.46	0.17	2.99	5.1	<1	<5	119	0.62	0.12	0.19	0.11	18.7	9.3	17.5
0100x7350		0.27	0.21	1.84	2.8	1	<5	39	0.40	0.14	0.12	0.07	18.3	3.3	14.5
0100x7450		0.39	0.21	1.70	2.9	<1	<5	101	0.47	0.16	0.30	0.07	25.7	5.3	16.5
0100x7550		0.40	0.13	1.57	1.4	1	<5	123	0.35	0.12	0.38	0.11	21.3	4.5	15.4
0100x7650		0.36	0.95	1.98	3.1	1	<5	49	0.36	0.10	0.15	0.07	18.8	3.9	17.1
0100x7750		0.39	0.10	1.15	2.1	<1	<5	39	0.19	0.15	0.11	0.04	18.1	1.7	10.6
0100x7850		0.36	0.07	1.29	2.3	<1	<5	67	0.42	0.09	0.24	0.07	26.7	4.2	13.5
0100x7950		0.46	0.12	1.33	1.6	<1	<5	68	0.29	0.10	0.26	0.06	19.7	3.3	13.1
0100x8050		0.38	0.20	1.07	1.7	30	<5	32	0.16	0.14	0.11	0.19	18.1	2.1	11.9
0100x8150		0.27	0.38	5.21	12.0	1	<5	360	1.56	0.15	0.82	0.41	70.6	15.2	29.7
0100x8250		0.46	0.31	3.13	3.8	2	<5	216	2.10	0.16	1.30	0.39	42.9	8.7	18.7
0100x8350		0.48	1.24	1.69	3.0	1	<5	44	0.44	0.09	0.10	0.10	15.9	3.6	11.7
0100x8450		0.43	0.13	1.63	3.2	1	<5	80	0.43	0.11	0.11	0.07	20.7	5.5	11.3
0200x4050		0.62	0.06	0.76	4.9	<1	<5	43	0.82	0.11	0.27	0.06	30.0	6.7	14.2
0200x4150		0.47	0.12	0.95	1.6	<1	<5	50	0.31	0.21	0.12	0.06	18.5	3.4	13.1
0200x4250		0.40	0.12	1.17	2.2	<1	<5	60	0.47	0.19	0.14	0.10	18.7	3.2	13.8
0200x4350		0.48	0.08	1.11	2.5	<1	<5	36	0.63	1.07	0.07	0.11	24.3	3.7	9.2
0200x4450		0.45	0.50	1.64	8.3	<1	<5	172	7.29	0.53	0.39	0.86	46.6	4.9	6.3
0200x4550		0.45	0.09	0.29	0.6	<1	<5	23	0.30	0.23	0.11	0.06	19.1	1.6	6.2
0200x4600		0.07	3.44	1.65	29.5	571	<5	133	0.38	1.32	0.95	2.84	17.7	17.6	58.8
0200x4650		0.57	0.26	0.60	0.6	1	<5	58	0.36	0.13	0.23	0.05	14.3	1.9	9.2
0200x4750		0.50	0.15	1.16	3.8	<1	<5	41	0.52	0.17	0.08	0.08	18.2	4.0	12.0
0200x4850		0.50	0.06	1.01	1.0	<1	<5	65	0.43	0.23	0.12	0.05	24.3	3.0	9.8
0200x4950		0.52	0.05	0.79	1.0	<1	<5	35	0.21	0.26	0.08	0.04	23.3	1.9	8.5
0200x5050		0.48	0.08	1.36	1.9	<1	<5	53	0.46	0.22	0.08	0.09	23.0	2.5	10.2
0200x5150		0.47	0.07	1.75	3.0	<1	<5	52	0.48	0.18	0.10	0.08	19.0	2.2	11.2
0200x5250		0.54	0.11	0.74	1.6	2	<5	60	0.20	0.18	0.09	0.07	19.1	1.5	7.8
0200x5350		0.41	0.17	1.05	1.0	<1	<5	45	0.15	0.21	0.08	0.03	20.9	1.9	14.3
0200x5450		0.47	0.03	0.66	1.7	<1	<5	42	0.14	0.17	0.04	0.06	16.9	0.8	6.9

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0200x5550		0.55	0.01	0.74	1.4	<1	<5	39	0.12	0.27	0.05	0.05	17.5	0.7	8.1
0200x5650		0.41	0.05	0.67	1.9	<1	<5	38	0.14	0.25	0.08	0.24	20.1	1.1	10.1
0200x5750		0.48	0.04	0.37	0.5	<1	<5	31	0.05	0.12	0.06	0.09	16.4	0.6	5.1
0200x5850		0.50	0.13	0.39	1.4	<1	<5	84	0.14	0.12	0.22	0.22	18.2	1.3	8.2
0200x5950		0.70	0.06	0.71	1.7	<1	<5	85	0.41	0.15	0.26	0.13	18.5	2.5	9.4
0200x6050		0.32	0.50	0.64	4.2	2	<5	232	1.74	0.08	2.83	1.29	29.6	2.5	7.6
0200x6150		0.75	0.13	0.99	2.1	<1	<5	72	0.36	0.07	0.20	0.07	22.4	3.1	11.2
0200x6750		0.47	1.06	0.98	10.4	<1	<5	73	0.39	0.22	0.26	0.36	27.5	3.1	12.9
0200x6850		0.39	0.12	1.89	6.7	1	<5	122	1.02	0.22	0.23	0.22	26.0	7.0	16.5
0200x6950		0.43	0.29	1.27	3.2	<1	<5	43	0.29	0.16	0.11	0.09	17.3	3.3	14.6
0200x7050		0.30	0.21	1.62	3.2	<1	<5	111	0.86	0.17	0.35	0.18	28.2	5.0	14.7
0200x7150		0.24	0.16	1.03	3.8	<1	<5	39	0.33	0.22	0.09	0.12	15.8	4.0	29.7
0200x7250		0.28	0.21	3.38	4.9	<1	<5	227	2.18	0.21	0.51	0.40	52.9	10.7	25.1
0200x7350		0.31	0.11	1.18	2.2	<1	<5	36	0.32	0.15	0.16	0.07	17.8	3.7	14.8
0200x7450		0.35	0.10	3.07	3.2	<1	<5	61	0.84	0.15	0.12	0.08	18.4	4.5	17.1
0200x7550		0.42	0.05	0.99	1.2	<1	<5	49	0.33	0.12	0.28	0.05	19.2	3.9	13.1
0200x7650		0.31	0.29	2.15	2.7	2	<5	38	0.48	0.15	0.10	0.10	18.2	2.2	14.3
0200x7750		0.38	0.24	2.82	4.7	3	<5	46	0.77	0.10	0.11	0.13	17.0	3.9	18.7
0200x7850		0.32	0.17	1.50	2.4	<1	<5	62	0.44	0.15	0.10	0.08	18.5	3.1	18.2
0200x7950		0.41	0.06	1.28	2.3	3	<5	52	0.41	0.12	0.11	0.07	18.2	3.5	14.0
0200x8050		0.88	0.14	2.43	3.6	1	<5	52	0.70	0.11	0.13	0.10	20.1	4.7	19.2
0200x8150		0.35	0.13	2.13	4.1	<1	<5	59	0.51	0.11	0.19	0.12	17.6	3.7	17.1
0200x8250		0.42	0.09	0.48	0.6	<1	<5	65	0.08	0.11	0.09	0.04	16.8	0.9	8.5
0200x8350		0.25	0.09	1.33	1.5	<1	<5	48	0.25	0.14	0.11	0.05	18.8	2.4	12.4
0200x8450		0.33	0.15	1.53	2.3	<1	<5	92	0.33	0.11	0.22	0.14	19.2	3.5	13.8
0300x4050		0.33	0.13	1.86	2.1	4	<5	59	0.67	0.14	0.16	0.12	15.8	3.8	17.7
0300x4150		0.42	0.24	1.86	2.1	<1	<5	83	0.82	0.18	0.17	0.08	16.7	4.4	16.7
0300x4250		0.56	0.38	1.67	1.9	1	<5	85	1.02	0.20	0.27	0.05	18.6	4.2	15.2
0300x4350		0.35	0.11	1.32	1.3	<1	<5	67	0.38	0.16	0.18	0.05	18.5	2.5	14.2
0300x4450		0.38	0.16	1.36	1.7	<1	<5	56	0.24	0.24	0.12	0.06	23.7	2.0	15.5
0300x4550		0.49	0.08	2.20	3.3	<1	<5	81	0.82	0.19	0.14	0.09	20.1	4.9	18.6
0300x4650		0.54	0.14	2.02	2.6	1	<5	76	0.48	0.25	0.07	0.17	19.4	1.8	10.9

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0300x4750		0.47	0.12	1.43	1.6	<1	<5	119	0.99	0.15	0.17	0.07	20.0	3.4	13.8
0300x4850		0.41	0.19	2.07	2.1	<1	<5	68	0.66	0.19	0.09	0.08	20.0	2.1	13.2
0300x4950		0.33	0.30	4.50	9.8	<1	<5	542	9.33	0.56	0.89	0.22	49.8	5.9	17.8
0300x5050		0.41	0.11	1.42	1.5	<1	<5	97	0.50	0.17	0.19	0.05	21.0	2.9	13.0
0300x5150		0.46	0.13	2.10	2.6	<1	<5	64	0.56	0.18	0.09	0.14	20.9	2.3	12.5
0300x5250		0.25	0.10	0.71	1.0	<1	<5	86	0.24	0.20	0.13	0.08	23.5	0.9	12.0
0300x5350		0.29	0.16	1.07	2.2	3	<5	52	0.24	0.25	0.08	0.04	23.4	1.1	8.8
0300x5450		0.25	0.19	1.07	4.2	<1	<5	155	0.43	0.20	0.20	0.16	20.2	2.4	11.5
0300x5550		0.43	0.16	1.39	3.6	<1	<5	271	0.85	0.26	0.45	0.23	24.2	5.3	17.0
0300x5650		0.45	0.19	1.18	6.6	<1	<5	113	0.46	0.22	0.14	0.09	22.3	1.9	9.2
0300x5750		0.26	0.22	0.62	1.0	<1	<5	32	0.10	0.16	0.07	0.06	22.1	0.9	8.5
0300x5850		0.28	0.13	2.13	6.0	2	<5	46	0.44	0.18	0.09	0.07	20.3	1.7	13.7
0300x5950		0.30	0.06	0.57	0.7	1	<5	33	0.10	0.15	0.08	0.03	19.9	0.9	9.4
0300x6050		0.31	1.78	3.33	23.7	2	<5	455	3.50	0.20	1.10	0.65	48.5	6.8	17.2
0300x6150		0.33	0.15	1.11	1.5	1	<5	97	0.27	0.13	0.24	0.07	18.0	2.1	11.5
0300x6750		0.34	0.48	0.89	2.6	<1	<5	78	0.24	0.15	0.19	0.15	20.7	2.2	9.9
0300x6850		0.43	0.19	0.63	3.0	<1	<5	79	0.23	0.17	0.20	0.13	21.1	2.5	12.0
0300x6950		0.39	0.20	2.13	5.8	<1	<5	82	0.93	0.16	0.18	0.13	19.9	5.6	17.4
0300x7050		0.36	0.12	2.48	5.8	<1	<5	69	0.82	0.16	0.18	0.10	18.7	5.3	18.7
0300x7150		0.22	0.15	1.48	3.7	<1	<5	100	0.58	0.19	0.29	0.16	23.6	4.8	26.1
0300x7250		0.08	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss
0300x7350		0.47	0.19	2.18	3.8	<1	<5	60	0.79	0.13	0.17	0.18	21.9	4.8	16.8
0300x7450		0.27	0.08	2.37	4.1	<1	<5	83	0.75	0.15	0.16	0.05	20.8	4.4	20.9
0300x7550		0.35	0.08	0.85	1.0	<1	<5	58	0.22	0.15	0.19	0.07	20.9	2.3	12.5
0300x7650		0.27	0.14	0.52	0.7	<1	<5	85	0.17	0.16	0.20	0.12	19.4	1.4	15.9
0300x7750		0.33	0.34	2.77	3.4	1	<5	57	0.75	0.10	0.17	0.13	17.5	4.2	19.6
0300x7850		0.38	0.27	1.49	3.4	<1	<5	83	0.75	0.10	0.30	0.08	45.8	6.8	22.1
0300x7950		0.47	0.10	0.95	0.8	1	<5	50	0.30	0.11	0.31	0.06	20.6	3.2	12.3
0300x8050		0.41	0.37	2.07	2.7	2	<5	67	1.00	0.14	0.18	0.07	22.3	5.3	18.5
0300x8150		0.49	0.07	1.49	1.4	<1	<5	93	0.58	0.10	0.44	0.14	19.2	5.6	17.5
0300x8250		0.32	0.11	0.97	1.1	<1	<5	153	0.79	0.12	0.18	0.20	31.4	3.5	12.2
0300x8300		0.07	0.36	0.93	2.6	1	6	75	0.23	0.04	0.67	0.17	10.4	6.7	17.5

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0300x8350		0.23	0.09	1.39	2.2	<1	<5	89	0.77	0.08	0.34	0.10	22.6	4.3	12.8
0300x8450		0.40	0.13	1.69	2.9	<1	<5	42	0.40	0.08	0.10	0.13	15.9	3.1	12.7
0400x4050		0.54	0.09	1.06	0.9	<1	<5	94	0.57	0.15	0.21	0.14	17.1	3.1	11.3
0400x4150		0.47	0.05	1.49	1.0	<1	<5	249	0.80	0.22	0.29	0.19	24.3	3.2	39.7
0400x4250		0.26	0.06	1.56	2.1	<1	<5	49	0.74	0.11	0.14	0.04	16.2	3.6	14.5
0400x4350		0.22	0.07	1.60	2.0	<1	<5	67	0.48	0.11	0.12	0.07	16.1	3.1	15.0
0400x4450		0.25	0.07	1.22	1.1	17	<5	110	0.30	0.20	0.15	0.08	18.1	2.6	12.6
0400x4550		0.39	0.14	1.33	2.1	1	<5	97	0.75	0.17	0.18	0.09	17.8	2.7	11.3
0400x4650		0.32	0.15	2.03	3.3	<1	<5	63	0.50	0.15	0.11	0.08	16.4	3.9	16.2
0400x4750		0.36	0.12	2.15	2.6	<1	<5	57	0.43	0.11	0.07	0.05	14.4	3.6	14.7
0400x4850		0.31	0.13	1.60	2.2	<1	<5	39	0.28	0.14	0.06	0.04	16.1	2.1	10.0
0400x4950		0.29	0.07	0.89	1.3	<1	<5	103	0.34	0.15	0.20	0.07	18.6	2.6	11.9
0400x5050		0.34	0.06	1.04	1.5	<1	<5	172	0.36	0.19	0.20	0.17	23.4	2.1	11.3
0400x5150		0.29	0.06	1.78	2.7	<1	<5	60	0.38	0.14	0.08	0.08	19.2	2.0	9.3
0400x5250		0.47	0.05	0.86	1.3	<1	<5	50	0.08	0.20	0.08	0.03	19.7	1.1	9.6
0400x5350		0.42	0.09	0.98	4.2	<1	<5	74	0.18	0.20	0.11	0.07	22.5	1.2	10.8
0400x5450		0.47	0.07	0.73	1.7	<1	<5	60	0.15	0.14	0.12	0.08	16.8	1.8	13.9
0400x5550		0.69	0.13	1.08	3.7	4	<5	193	0.60	0.17	0.28	0.18	22.0	2.1	8.5
0400x5650		0.36	0.08	0.58	1.4	<1	<5	35	0.06	0.15	0.06	0.03	16.8	0.9	11.0
0400x5750		0.42	0.17	1.32	6.7	<1	<5	41	0.21	0.17	0.05	0.08	13.0	1.8	11.1
0400x5850		0.45	0.17	0.75	2.3	7	<5	32	0.08	0.11	0.05	0.07	17.8	1.6	15.5
0400x5950		0.41	0.07	0.85	4.1	<1	<5	50	0.08	0.01	0.05	0.05	30.1	0.2	3.0
0400x6050		0.35	0.62	2.67	29.1	1	<5	537	5.81	0.24	1.68	0.86	69.6	4.2	13.4
0400x6150		0.31	0.25	0.96	205	1	<5	210	1.31	0.12	0.83	0.59	18.4	7.6	11.1
0400x6700		0.08	3.19	1.04	27.1	831	7	107	0.18	1.33	1.73	1.34	11.4	24.1	33.9
0400x6750		0.35	0.48	1.00	6.5	3	<5	72	0.24	0.10	0.24	0.10	17.0	3.3	10.6
0400x6850		0.29	0.45	1.17	6.6	<1	<5	71	0.30	0.16	0.13	0.14	20.7	2.1	9.1
0400x6950		0.37	0.15	0.57	3.7	<1	<5	47	0.12	0.12	0.12	0.07	16.0	2.0	9.9
0400x7050		0.40	0.11	2.05	5.2	<1	<5	129	0.77	0.14	0.17	0.12	20.0	5.6	13.6
0400x7150		0.29	0.12	1.65	4.7	<1	<5	71	0.49	0.13	0.14	0.09	15.7	4.6	14.9
0400x7250		0.46	0.18	1.49	3.3	<1	<5	133	0.47	0.17	0.28	0.12	19.9	5.6	15.2
0400x7350		0.26	0.42	3.13	3.4	<1	<5	231	1.84	0.17	0.84	0.54	47.5	8.0	20.0

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0400x7450		0.31	0.14	1.39	2.1	<1	<5	60	0.31	0.14	0.20	0.08	19.4	3.3	16.1
0400x7550		0.30	0.29	2.59	5.5	<1	<5	114	0.61	0.15	0.33	0.12	21.6	6.7	21.2
0400x7650		0.22	0.07	0.64	1.3	1	<5	27	0.07	0.20	0.08	0.03	16.2	1.9	12.3
0400x7750		0.44	0.11	2.58	3.7	1	<5	54	0.37	0.14	0.08	0.05	16.2	3.4	18.2
0400x7850		0.34	0.12	2.13	2.1	<1	<5	88	0.35	0.15	0.13	0.05	20.5	3.5	19.5
0400x7950		0.30	0.10	1.60	3.5	<1	<5	51	0.49	0.10	0.21	0.06	19.8	4.6	17.1
0400x8050		0.37	0.16	1.64	1.7	<1	<5	142	0.43	0.09	0.43	0.12	21.2	4.7	9.8
0400x8150		0.38	0.17	1.77	3.1	3	<5	29	0.31	0.10	0.12	0.07	16.5	3.2	18.1
0400x8250		0.48	0.15	0.78	2.3	<1	<5	31	0.12	0.13	0.10	0.06	19.5	2.3	12.1
0400x8350		0.34	0.12	1.70	4.1	<1	<5	52	0.44	0.09	0.15	0.11	21.1	5.9	16.1
0400x8450		0.27	0.41	2.53	8.0	<1	<5	294	1.93	0.11	1.13	0.41	70.8	6.2	13.8
0500x6750		0.50	0.15	0.52	1.6	<1	<5	58	0.11	0.10	0.13	0.06	20.5	1.5	9.9
0500x6850		0.48	0.32	0.64	3.1	<1	<5	53	0.13	0.15	0.11	0.26	19.3	1.9	12.4
0500x6950		0.57	0.29	1.64	14.4	<1	<5	115	0.51	0.17	0.16	0.15	24.3	3.5	10.1
0500x7050		0.55	0.20	0.88	3.0	<1	<5	115	0.26	0.21	0.20	0.42	20.7	2.1	10.3
0500x7150		0.55	0.18	0.64	2.2	<1	<5	41	0.11	0.18	0.09	0.08	17.2	1.8	10.3
0500x7250		0.49	0.09	1.72	7.4	<1	<5	56	0.69	0.17	0.15	0.07	20.6	5.8	18.0
0500x7300		0.08	0.50	1.28	3.9	1	7	100	0.26	0.05	0.91	0.25	13.4	9.5	21.7
0500x7350		0.39	0.15	0.75	2.1	<1	<5	50	0.13	0.17	0.16	0.07	17.9	1.8	13.3
0500x7450		0.44	0.12	0.86	1.4	<1	<5	39	0.11	0.17	0.12	0.04	16.8	1.7	12.8
0500x7550		0.44	0.21	0.48	2.3	1	16	20	0.29	0.15	0.07	0.08	8.62	2.3	6.4
0500x7650		0.46	0.12	0.80	2.5	<1	<5	49	0.17	0.14	0.19	0.06	16.2	2.6	17.0
0500x7750		0.49	0.16	1.75	3.4	<1	<5	74	0.35	0.12	0.12	0.09	18.1	3.3	18.2
0500x7850		0.56	0.16	1.81	2.6	<1	<5	67	0.36	0.11	0.12	0.05	18.1	4.4	14.6
0500x7950		0.29	0.14	0.94	1.1	2	11	129	0.19	0.14	0.57	0.32	15.3	3.9	16.9
0500x8050		0.42	0.15	0.71	1.8	<1	<5	31	0.11	0.14	0.13	0.05	18.8	2.2	13.9
0500x8150		0.40	0.20	1.85	3.2	<1	<5	40	0.58	0.13	0.10	0.11	20.5	3.9	21.0
0500x8250		0.45	0.15	1.32	2.4	<1	<5	97	0.58	0.10	0.50	0.18	28.1	6.1	15.1
0500x8350		0.50	0.12	1.64	3.9	<1	<5	91	0.58	0.11	0.31	0.09	26.0	4.2	15.1
0500x8450		0.17	0.53	1.44	6.2	2	5	185	1.56	0.06	1.44	0.98	49.3	5.0	9.7
0600x6750		0.59	0.30	0.96	3.2	<1	<5	111	0.29	0.11	0.31	0.14	23.6	3.2	10.6
0600x6850		0.60	0.19	1.22	4.2	<1	<5	82	0.50	0.12	0.13	0.32	22.4	3.3	10.9

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0600x6950		0.43	0.29	1.01	4.7	<1	<5	136	0.33	0.16	0.23	0.15	22.6	3.1	12.7
0600x7050		0.56	0.32	2.19	6.8	<1	<5	476	2.17	0.36	0.64	0.78	41.5	9.8	27.8
0600x7150		0.43	0.20	2.46	5.2	<1	<5	83	0.44	0.16	0.13	0.12	18.7	4.3	17.8
0600x7250		0.47	0.20	1.16	4.2	<1	<5	62	0.34	0.17	0.14	0.11	20.1	3.1	12.9
0600x7350		0.23	0.28	1.05	2.9	<1	<5	235	1.05	0.17	0.54	0.44	24.7	4.4	16.2
0600x7450		0.63	0.23	1.95	4.9	<1	<5	290	1.42	0.20	0.69	0.23	27.8	5.8	18.9
0600x7550		0.59	0.16	0.86	1.3	<1	<5	54	0.21	0.13	0.24	0.08	18.7	2.9	9.4
0600x7650		0.41	0.16	2.55	3.5	1	8	127	1.87	0.16	0.67	0.23	37.6	8.8	18.0
0600x7750		0.30	0.23	3.04	8.8	<1	<5	177	1.71	0.15	0.33	0.19	38.3	9.8	24.2
0600x7850		0.32	0.13	2.04	2.5	<1	<5	49	0.53	0.12	0.15	0.07	18.6	5.7	20.4
0600x7950		0.24	0.26	3.55	3.3	<1	<5	231	2.08	0.14	0.64	0.37	63.8	8.4	22.2
0600x8000		0.07	3.96	1.20	32.5	786	8	120	0.27	1.67	1.99	1.70	6.85	30.9	39.0
0600x8050		0.29	0.06	0.43	0.6	1	<5	20	0.11	0.18	0.09	0.04	14.4	3.0	13.3
0600x8150		0.29	0.28	1.30	2.7	3	<5	41	0.22	0.15	0.09	0.08	18.6	2.7	16.5
0600x8250		0.24	0.42	1.53	5.3	1	<5	175	2.33	0.17	0.95	0.33	31.8	7.7	12.8
0600x8350		0.39	0.15	1.44	2.8	<1	<5	72	0.73	0.13	0.22	0.12	19.3	4.5	11.8
0600x8450		0.15	0.86	1.72	5.4	1	<5	204	1.66	0.14	1.01	0.68	21.3	10.3	9.1
0700x6750		0.44	1.01	1.37	8.1	<1	<5	156	2.20	0.20	0.36	4.11	19.6	5.2	9.6
0700x6850		0.60	0.39	1.79	8.1	<1	<5	137	1.49	0.23	0.58	1.91	29.9	6.1	18.3
0700x6950		0.35	0.40	0.52	2.9	<1	<5	87	0.13	0.20	0.16	0.31	26.7	3.1	13.0
0700x7050		0.34	0.20	1.30	3.7	<1	<5	180	0.52	0.26	0.25	0.25	25.2	5.3	10.5
0700x7150		0.30	0.21	1.47	4.4	<1	<5	66	0.38	0.29	0.11	0.12	22.5	2.8	13.1
0700x7250		0.53	0.10	2.41	10.5	<1	<5	81	0.60	0.21	0.09	0.17	18.5	3.8	13.1
0700x7350		0.36	0.15	1.00	2.2	<1	<5	81	0.49	0.19	0.16	0.15	22.6	2.6	12.1
0700x7450		0.36	0.32	3.84	6.5	<1	<5	505	2.95	0.27	1.05	0.54	46.3	9.8	21.2
0700x7550		0.23	0.10	0.89	4.8	<1	<5	59	0.23	0.22	0.13	0.11	17.3	3.0	24.6
0700x7650		0.37	0.18	2.63	4.8	11	<5	51	0.65	0.15	0.15	0.15	20.9	5.1	15.8
0700x7750		0.25	0.10	1.22	1.9	<1	<5	72	0.38	0.18	0.38	0.16	17.7	3.5	18.8
0700x7850		0.46	0.23	3.97	3.5	1	<5	67	0.86	0.14	0.10	0.12	17.5	5.5	17.4
0700x7950		0.37	0.19	2.33	3.2	1	<5	59	0.64	0.15	0.17	0.07	19.1	5.4	17.7
0700x8050		0.27	0.09	1.76	2.3	<1	<5	62	0.39	0.17	0.19	0.09	19.0	5.6	20.1
0700x8150		0.31	0.05	0.68	1.2	<1	<5	21	0.11	0.17	0.10	0.03	17.9	2.1	18.8

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0700x8250		0.28	0.76	3.98	9.4	2	<5	495	3.91	0.20	1.52	0.96	89.9	21.0	21.9
0700x8350		0.25	0.22	1.50	1.0	<1	<5	148	0.80	0.17	0.33	0.23	23.2	2.5	10.3
0700x8450		0.15	0.94	1.77	3.1	2	<5	190	1.70	0.10	1.13	0.68	49.0	4.1	12.0
0800x6750		0.61	0.39	1.19	5.7	<1	<5	75	0.60	0.13	0.25	0.71	23.0	4.4	13.0
0800x6850		0.38	1.54	1.28	11.4	2	<5	52	0.30	0.36	0.07	0.27	33.5	1.6	11.5
0800x6900		0.07	0.53	1.23	3.4	<1	7	94	0.27	0.06	0.87	0.25	12.6	9.1	20.7
0800x6950		0.42	0.44	0.79	8.6	<1	<5	119	0.20	0.36	0.17	0.57	43.9	1.6	15.8
0800x7050		0.56	0.19	0.60	7.8	<1	<5	93	0.15	0.30	0.10	0.33	38.3	1.6	12.7
0800x7150		0.52	0.49	1.46	12.9	<1	<5	93	0.58	0.17	0.15	0.11	21.2	4.0	11.9
0800x7250		0.59	0.19	0.78	3.7	<1	<5	41	0.18	0.21	0.10	0.05	21.5	2.4	15.1
0800x7350		0.46	0.10	3.05	8.0	<1	<5	97	0.91	0.18	0.13	0.12	19.4	5.7	16.5
0800x7450		0.46	0.12	1.01	4.1	<1	<5	35	0.20	0.26	0.13	0.11	19.9	2.9	18.2
0800x7550		0.59	0.12	2.44	4.0	<1	<5	94	0.83	0.16	0.17	0.28	21.1	4.4	19.1
0800x7650		0.25	0.06	0.82	2.1	<1	<5	75	0.22	0.13	0.16	0.07	18.8	2.7	24.9
0800x7750		0.35	0.08	2.23	4.4	1	<5	69	0.70	0.11	0.18	0.07	18.1	6.0	17.6
0800x7850		0.33	0.10	1.27	1.9	<1	<5	65	0.40	0.13	0.20	0.08	17.4	4.6	15.8
0800x7950		0.52	0.08	1.82	3.1	<1	<5	46	0.66	0.12	0.16	0.09	18.7	4.2	15.0
0800x8050		0.46	0.06	1.59	3.4	<1	<5	78	0.46	0.11	0.19	0.06	22.2	5.8	19.3
0800x8150		0.31	0.08	0.98	2.0	<1	<5	40	0.19	0.15	0.12	0.06	16.4	2.8	19.3
0800x8250		0.40	0.13	1.76	3.8	<1	<5	60	0.37	0.12	0.12	0.11	17.9	3.7	19.4
0800x8350		0.27	0.13	1.47	2.9	<1	<5	67	0.44	0.10	0.12	0.16	17.2	4.1	13.1
0800x8450		0.19	0.94	5.54	15.9	1	12	393	2.46	0.14	1.13	0.43	97.6	7.1	38.3
0900x6750		0.48	0.76	1.17	5.6	<1	<5	87	0.41	0.11	0.19	0.71	18.4	3.8	12.0
0900x6850		0.31	0.46	1.00	8.1	<1	<5	79	0.29	0.18	0.13	0.54	19.3	2.2	9.7
0900x6950		0.58	0.29	1.03	4.1	<1	<5	113	0.50	0.15	0.63	0.66	27.5	2.4	10.7
0900x7050		0.38	0.40	1.83	6.5	<1	<5	399	0.96	0.17	0.72	0.82	34.8	4.4	14.0
0900x7150		0.49	0.29	0.84	3.4	<1	6	71	0.23	0.12	0.23	0.10	23.1	2.5	10.9
0900x7250		0.28	0.43	0.91	6.2	<1	<5	47	0.27	0.18	0.12	0.08	18.4	2.6	12.2
0900x7350		0.29	0.09	0.50	3.0	<1	5	53	0.12	0.18	0.10	0.07	19.3	2.0	13.0
0900x7400		0.07	4.15	1.32	33.9	1020	15	130	0.27	1.80	2.05	1.47	6.88	31.3	38.9
0900x7450		0.34	0.18	1.16	4.3	7	<5	72	0.31	0.18	0.15	0.09	21.1	4.0	17.1
0900x7550		0.31	0.12	1.12	4.2	<1	<5	40	0.25	0.16	0.12	0.11	16.8	2.5	14.4

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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														
0900x7650	0.41	0.16	2.22	4.4	<1	7	39	0.40	0.14	0.12	0.09	17.3	2.1	13.4
0900x7750	0.63	0.06	1.25	3.3	<1	6	101	0.27	0.10	0.26	0.08	17.1	3.5	12.2
0900x7850	0.67	0.09	0.99	2.2	3	5	78	0.21	0.11	0.25	0.05	19.3	3.7	12.0
0900x7950	0.49	0.30	2.02	3.2	<1	7	67	0.42	0.13	0.15	0.10	19.5	4.7	17.1
0900x8050	0.33	0.13	1.30	2.5	8	7	54	0.30	0.15	0.14	0.05	15.7	3.3	14.2
0900x8150	0.55	0.19	1.12	1.9	<1	7	85	0.37	0.12	0.26	0.06	19.2	3.3	12.8
0900x8250	0.45	0.64	2.61	4.1	<1	7	262	2.61	0.15	0.49	0.09	50.8	5.2	17.5
0900x8350	0.53	0.08	1.47	3.9	<1	<5	89	0.58	0.08	0.29	0.06	21.9	5.4	15.1
0900x8450	0.26	0.51	0.74	3.3	2	<5	81	1.07	0.03	1.06	0.84	21.6	2.2	6.2
1000x6750	0.54	3.08	2.17	8.5	<1	5	61	0.47	0.34	0.12	0.49	23.1	4.6	13.0
1000x6850	0.50	1.37	1.42	4.3	<1	<5	51	0.26	0.16	0.09	0.25	20.6	2.4	9.4
1000x6950	0.44	1.29	1.61	5.8	2	<5	40	0.23	0.17	0.04	0.18	19.7	1.3	6.9
1000x7050	0.47	0.69	0.74	2.9	<1	6	33	0.09	0.17	0.06	0.15	19.2	0.8	4.4
1000x7150	0.53	0.09	0.50	2.8	<1	7	42	0.11	0.14	0.08	0.10	19.5	1.0	6.1
1000x7250	0.56	0.42	2.14	13.8	<1	5	77	0.51	0.18	0.13	0.11	20.9	4.0	16.1
1000x7350	0.38	0.33	1.14	7.8	3	5	162	0.52	0.20	0.21	0.15	26.7	4.0	15.0
1000x7450	0.40	0.19	0.91	5.7	<1	6	40	0.14	0.22	0.09	0.09	19.2	2.1	13.6
1000x7550	0.50	0.31	1.99	11.8	<1	5	61	0.61	0.20	0.16	0.13	22.3	5.1	19.6
1000x7650	0.44	0.44	1.26	3.4	<1	<5	39	0.46	0.11	0.06	0.11	9.68	2.0	7.3
1000x7750	0.56	0.40	0.96	3.9	<1	<5	29	0.33	0.08	0.08	0.05	10.7	2.7	9.3
1000x7850	0.52	0.09	1.58	4.3	<1	5	75	0.35	0.16	0.12	0.04	18.5	3.6	16.5
1000x7950	0.50	0.08	1.10	2.3	1	<5	41	0.25	0.14	0.17	0.05	17.8	3.6	14.6
1000x8000	0.07	0.44	1.30	3.9	<1	9	99	0.25	0.05	0.90	0.25	13.0	9.4	21.3
1000x8050	0.47	0.14	1.13	2.7	<1	<5	40	0.25	0.16	0.12	0.07	17.8	2.6	14.6
1000x8150	0.51	0.14	1.88	3.2	<1	<5	40	0.42	0.13	0.14	0.07	19.0	3.7	15.9
1000x8250	0.52	0.12	2.06	3.6	<1	6	49	0.31	0.19	0.10	0.05	19.4	4.3	23.0
1000x8350	0.49	0.09	0.89	3.0	<1	<5	54	0.23	0.09	0.20	0.07	15.7	3.9	10.9
1000x8450	0.34	0.10	1.54	3.4	<1	<5	77	0.47	0.09	0.22	0.11	23.8	6.7	15.9
1100x6750	0.59	0.23	1.25	4.5	<1	<5	58	0.39	0.09	0.16	0.17	21.5	4.0	14.4
1100x6850	0.29	1.48	2.68	3.7	<1	<5	181	1.21	0.19	0.25	1.35	20.2	5.9	13.4
1100x6950	0.54	2.63	1.88	5.5	<1	<5	59	0.31	0.19	0.08	0.22	29.8	1.8	9.9
1100x7050	0.55	2.36	2.48	11.8	3	<5	93	0.77	0.20	0.07	0.72	21.9	2.3	11.8

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
1100x7150		0.54	0.29	0.54	2.3	1	<5	34	0.12	0.16	0.10	0.16	22.6	1.2	7.0
1100x7250		0.61	0.09	0.59	3.7	<1	<5	44	0.11	0.19	0.10	0.10	22.9	1.8	10.1
1100x7350		0.53	0.23	1.52	8.2	<1	<5	40	0.25	0.20	0.11	0.12	21.0	2.3	12.3
1100x7450		0.47	0.14	0.61	1.6	<1	<5	36	0.07	0.15	0.06	0.07	17.1	1.5	8.5
1100x7550		0.48	0.19	1.24	7.8	<1	<5	39	0.21	0.23	0.11	0.08	19.8	2.7	12.3
1100x7650		0.47	0.09	0.41	6.6	<1	<5	23	0.47	0.15	0.05	0.11	7.33	5.3	5.2
1100x7750		0.34	0.38	3.21	6.4	<1	<5	271	3.12	0.21	1.55	0.73	41.8	9.4	18.5
1100x7850		0.24	0.08	0.83	1.5	<1	<5	86	0.33	0.15	0.37	0.23	20.9	2.4	11.0
1100x7950		0.40	0.32	4.63	6.7	<1	6	357	2.44	0.25	0.98	0.33	66.9	11.8	25.5
1100x8050		0.53	0.14	2.02	3.7	<1	<5	49	0.61	0.12	0.17	0.08	21.8	4.7	14.6
1100x8150		0.66	0.22	2.66	5.9	<1	<5	81	0.68	0.15	0.14	0.08	21.3	6.1	21.9
1100x8250		0.55	0.13	2.27	3.4	<1	<5	43	0.45	0.11	0.13	0.08	17.6	4.0	15.9
1100x8350		0.50	0.09	1.15	1.8	<1	<5	70	0.17	0.13	0.07	0.05	20.3	2.5	15.0
1100x8450		0.35	0.08	0.87	1.7	<1	<5	50	0.22	0.09	0.14	0.16	18.2	2.4	10.8
1200x6750		0.63	0.38	0.81	4.8	<1	<5	204	0.36	0.12	0.25	0.08	21.1	2.5	9.9
1200x6850		0.26	0.47	2.99	7.8	<1	<5	97	0.55	0.25	0.19	0.37	24.2	2.8	13.5
1200x6900		0.07	3.96	1.25	32.8	868	14	123	0.27	1.67	2.01	1.44	6.64	30.6	37.8
1200x6950		0.36	0.67	1.12	2.8	7	<5	69	0.35	0.22	0.12	0.53	22.3	1.1	6.9
1200x7050		0.42	0.76	0.61	1.9	<1	<5	79	0.11	0.18	0.09	0.27	29.1	0.6	3.7
1200x7150		0.38	0.28	0.53	1.9	<1	<5	28	0.06	0.16	0.06	0.08	21.9	0.6	3.9
1200x7250		0.36	0.19	1.09	2.8	<1	<5	67	0.19	0.15	0.12	0.15	23.5	1.9	11.0
1200x7350		0.33	0.27	2.45	7.4	<1	<5	211	1.28	0.28	0.37	0.55	33.9	7.1	13.3
1200x7450		0.55	0.13	1.27	6.1	<1	<5	106	0.44	0.14	0.14	0.13	24.8	3.2	12.3
1200x7550		0.35	0.09	0.87	4.0	<1	<5	47	0.19	0.17	0.08	0.10	18.5	2.0	11.8
1200x7650		0.33	0.21	0.96	1.4	<1	<5	153	0.58	0.16	0.29	0.27	26.6	2.1	9.7
1200x7750		0.39	0.07	1.47	3.0	<1	<5	86	0.46	0.18	0.16	0.15	18.0	3.0	13.5
1200x7850		0.44	0.07	1.06	2.4	<1	<5	61	0.35	0.10	0.26	0.06	20.8	4.1	13.3
1200x7950		0.36	0.15	1.84	5.6	<1	<5	51	0.65	0.14	0.10	0.07	15.4	5.3	12.6
1200x8050		0.24	0.13	2.07	2.4	<1	<5	62	0.31	0.12	0.13	0.08	18.3	4.5	16.9
1200x8150		0.24	0.11	0.69	1.9	<1	<5	99	0.25	0.13	0.23	0.14	18.4	4.8	14.1
1200x8250		0.31	0.10	2.70	4.0	10	<5	49	0.61	0.10	0.10	0.10	15.5	6.7	13.3
1200x8350		0.18	0.41	3.38	4.7	<1	<5	268	4.45	0.16	0.64	0.59	104	11.3	14.9

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
1200x8450		0.22	0.64	3.54	3.9	1	<5	58	0.70	0.10	0.14	0.29	19.9	4.1	19.2
1300x6750		0.36	0.51	2.30	7.8	21	<5	90	0.57	0.20	0.09	0.46	20.7	2.8	9.9
1300x6850		0.34	0.28	1.18	5.9	<1	<5	95	0.57	0.19	0.36	0.48	19.8	3.7	8.1
1300x6950		0.39	0.64	1.36	24.0	<1	<5	53	0.58	0.19	0.07	0.21	18.0	2.8	9.3
1300x7050		0.37	0.83	0.93	4.8	<1	<5	47	0.16	0.19	0.11	0.22	28.5	0.6	6.9
1300x7150		0.14	2.21	0.79	2.4	2	<5	265	0.87	0.04	1.52	5.01	20.5	2.1	13.7
1300x7250		0.30	0.70	0.92	2.5	1	<5	67	0.20	0.14	0.10	0.21	19.5	1.1	6.1
1300x7350		0.33	1.09	2.93	44.6	<1	<5	298	1.85	0.35	0.78	3.50	30.2	8.2	18.7
1300x7400		0.07	0.83	1.23	4.3	1	9	95	0.25	0.05	0.90	0.23	13.3	9.5	24.3
1300x7450		0.47	0.25	1.19	11.2	<1	<5	78	0.62	0.15	0.11	0.23	29.9	5.1	15.7
1300x7550		0.34	0.44	2.08	12.0	<1	<5	64	0.53	0.19	0.10	0.12	23.4	3.5	15.7
1300x7650		0.34	0.22	1.48	9.1	<1	<5	88	0.57	0.11	0.12	0.13	18.0	3.6	14.5
1300x7750		0.34	0.33	1.09	3.2	<1	<5	49	0.24	0.21	0.15	0.07	19.4	3.0	17.0
1300x7850		0.31	0.29	1.30	2.3	<1	<5	85	0.29	0.16	0.14	0.12	16.6	2.6	13.8
1300x7950		0.50	0.21	1.08	7.4	1	<5	92	1.13	0.14	0.31	0.07	37.5	6.2	18.3
1300x8050		0.34	0.11	1.63	4.8	<1	<5	59	0.51	0.10	0.18	0.06	22.1	5.3	17.3
1300x8150		0.29	0.34	2.53	2.3	<1	<5	62	0.27	0.15	0.10	0.07	19.5	3.2	16.5
1300x8250		0.23	0.18	0.68	1.2	<1	<5	48	0.09	0.14	0.06	0.03	18.8	2.6	12.0
1300x8350		0.33	0.31	2.08	3.4	<1	<5	179	1.07	0.11	0.39	0.14	31.8	9.8	19.8
1300x8450		0.26	0.34	2.60	2.2	<1	<5	72	0.39	0.11	0.11	0.10	17.7	4.3	14.7
1400x6750		0.28	1.13	1.92	5.7	1	<5	64	0.39	0.16	0.09	0.21	24.7	2.4	10.3
1400x6850		0.22	0.32	1.12	3.3	<1	<5	170	0.31	0.12	0.42	0.17	23.2	3.2	10.3
1400x6950		0.21	0.31	0.86	3.3	<1	<5	61	0.17	0.17	0.12	0.06	23.3	1.4	7.8
1400x7050		0.28	0.59	1.26	9.4	<1	<5	144	0.32	0.14	0.31	0.37	23.0	2.7	8.9
1400x7150		0.10	3.31	1.65	9.9	2	<5	251	2.16	0.24	0.95	16.1	41.8	1.1	10.2
1400x7250		0.22	0.54	0.99	10.7	<1	<5	55	0.21	0.14	0.07	0.24	27.1	2.1	9.2
1400x7350		0.24	0.59	0.99	8.8	<1	<5	78	0.24	0.21	0.08	0.36	23.5	2.5	13.8
1400x7450		0.29	0.16	0.78	2.7	<1	<5	46	0.13	0.13	0.12	0.10	24.3	1.3	7.3
1400x7550		0.18	2.71	2.13	11.4	1	<5	250	2.26	0.13	1.13	1.84	55.1	4.5	12.6
1400x7650		0.59	0.31	1.00	2.7	2	<5	109	0.29	0.14	0.26	0.18	20.2	2.9	18.1
1400x7750		0.46	0.21	1.37	5.9	<1	<5	56	0.32	0.15	0.10	0.15	18.5	3.0	14.7
1400x7850		0.42	0.55	4.26	17.1	1	5	389	2.92	0.20	0.90	0.36	96.0	17.0	25.1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
1400x7950		0.62	0.31	2.37	3.5	<1	<5	61	0.50	0.11	0.13	0.09	18.6	4.6	14.3
1400x8000		0.07	4.34	1.25	32.0	1150	11	126	0.27	1.78	2.05	1.47	6.91	29.7	38.7
1400x8050		0.52	0.27	0.96	1.7	10	<5	125	0.25	0.13	0.26	0.10	18.1	2.5	9.7
1400x8150		0.51	0.32	3.54	3.6	1	<5	55	0.57	0.13	0.09	0.09	16.6	3.1	13.9
1400x8250		0.37	0.23	2.07	3.0	<1	<5	79	0.35	0.13	0.12	0.11	17.8	4.9	19.3
1400x8350		0.48	0.43	2.63	2.4	<1	<5	83	0.40	0.11	0.13	0.07	18.3	5.1	14.9
1400x8450		0.28	0.45	1.82	3.4	<1	<5	93	0.33	0.14	0.12	0.16	19.5	2.9	16.3
1500x6750		0.45	0.53	1.41	12.5	<1	<5	67	0.42	0.23	0.11	0.24	21.1	3.5	10.8
1500x6850		0.21	3.79	3.46	27.0	2	<5	589	2.68	0.16	1.97	2.69	73.5	5.6	13.1
1500x6950		0.60	0.58	1.46	17.5	<1	<5	176	0.50	0.12	0.16	0.42	22.0	5.3	13.0
1500x7050		0.48	0.49	1.19	33.4	<1	<5	53	0.29	0.11	0.06	0.23	17.5	2.2	5.6
1500x7150		0.80	0.20	0.71	6.4	<1	<5	72	0.17	0.19	0.09	0.19	25.8	1.3	5.4
1500x7250		0.47	0.83	1.95	12.3	<1	<5	80	0.48	0.15	0.07	0.37	23.9	3.1	8.9
1500x7350		0.65	0.23	1.32	17.6	<1	<5	126	0.80	0.14	0.07	0.39	33.9	3.1	7.6
1500x7450		0.93	0.32	1.10	7.4	<1	<5	92	0.36	0.15	0.22	0.15	28.4	2.7	10.1
1500x7550		0.67	0.31	1.59	15.3	2	<5	110	0.44	0.18	0.15	0.34	29.7	3.0	12.8
1500x7650		0.50	0.13	1.80	8.1	5	<5	81	0.54	0.15	0.15	0.19	27.6	7.2	19.1
1500x7750		0.18	0.89	4.30	69.1	1	<5	524	1.86	0.20	0.66	1.71	92.1	39.0	26.3
1500x7850		0.25	0.16	1.08	3.6	<1	<5	96	0.31	0.15	0.23	0.19	26.8	2.9	11.2
1500x7950		0.35	0.28	3.91	3.4	<1	<5	82	0.64	0.12	0.15	0.11	21.9	5.4	19.9
1500x8050		0.26	0.12	2.12	1.8	<1	<5	66	0.26	0.15	0.13	0.06	22.5	3.4	14.7
1500x8150		0.18	0.11	1.49	2.2	5	<5	32	0.22	0.14	0.10	0.06	20.7	2.5	14.4
1500x8250		0.34	0.24	2.99	3.3	1	<5	84	0.52	0.13	0.19	0.12	22.7	5.0	21.2
1500x8350		0.22	<0.01	2.67	0.3	<1	<5	<1	<0.05	<0.01	0.16	<0.01	0.14	<0.1	15.6
1500x8450		0.18	0.13	1.07	1.5	<1	<5	62	0.16	0.12	0.13	0.06	22.2	2.6	15.8
1600x6750		0.32	2.47	4.94	13.6	1	<5	855	2.56	0.21	1.82	2.01	42.1	6.5	20.2
1600x6800		0.08	0.41	1.27	4.0	1	<5	107	0.29	0.05	0.91	0.24	14.9	9.1	21.4
1600x6850		0.34	2.98	2.47	10.4	2	<5	783	2.75	0.14	2.70	1.52	37.2	4.1	9.9
1600x6950		0.48	0.15	1.39	3.8	1	<5	152	0.38	0.12	0.35	0.18	26.2	5.2	9.9
1600x7050		0.36	0.08	1.08	4.3	<1	<5	93	0.18	0.11	0.11	0.07	21.5	1.6	7.2
1600x7150		0.34	0.21	1.07	5.6	<1	<5	37	0.11	0.12	0.08	0.09	22.5	0.9	7.6
1600x7250		0.48	0.31	1.51	8.9	<1	<5	60	0.30	0.15	0.08	0.16	26.3	2.2	9.8

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
1600x7350		0.29	1.19	2.80	8.3	<1	<5	253	1.23	0.28	0.12	0.68	23.3	10.0	11.0
1600x7450		0.43	0.43	1.45	8.1	<1	<5	44	0.26	0.15	0.07	0.15	27.6	1.3	8.3
1600x7550		0.41	0.27	1.07	3.8	<1	<5	96	0.39	0.13	0.28	0.14	26.7	3.5	11.8
1600x7650		0.42	0.43	2.19	6.6	<1	<5	59	0.73	0.14	0.11	0.13	23.6	3.3	12.0
1600x7750		0.41	0.13	1.45	3.3	<1	<5	48	0.21	0.16	0.15	0.10	19.7	2.8	14.4
1600x7850		0.65	0.45	2.02	6.3	<1	<5	79	0.60	0.11	0.13	0.15	21.3	4.5	16.7
1600x7950		0.41	0.31	2.21	2.5	<1	<5	139	0.46	0.14	0.23	0.23	21.5	3.4	13.9
1600x8050		0.37	0.39	3.10	3.7	<1	<5	62	0.45	0.13	0.12	0.08	18.7	3.3	24.0
1600x8150		0.50	0.28	2.88	2.8	<1	<5	84	0.50	0.14	0.11	0.06	24.0	4.5	15.6
1600x8250		0.54	0.22	1.89	2.5	<1	<5	55	0.23	0.13	0.09	0.10	21.2	3.1	14.0
1600x8350		0.55	0.09	1.25	2.1	<1	<5	92	0.29	0.13	0.19	0.21	22.6	4.5	14.8
1600x8450		0.37	0.12	0.96	1.7	<1	<5	59	0.18	0.11	0.12	0.10	22.7	3.1	15.6
1700x6750		0.63	0.17	1.12	4.1	<1	<5	98	0.35	0.12	0.22	0.15	25.9	3.0	10.8
1700x6850		0.55	0.50	1.48	6.4	<1	<5	235	0.78	0.14	0.16	0.58	24.9	4.9	10.5
1700x6950		0.40	0.35	1.48	10.6	<1	<5	366	1.01	0.21	0.46	0.85	29.8	3.6	10.7
1700x7050		0.38	0.19	0.94	5.2	<1	<5	85	0.21	0.12	0.15	0.22	23.0	1.4	5.7
1700x7150		0.30	0.12	0.57	2.1	<1	<5	33	0.06	0.11	0.08	0.03	21.2	0.5	4.5
1700x7250		0.45	0.12	1.30	6.4	<1	<5	47	0.17	0.18	0.09	0.08	37.1	1.9	12.0
1700x7350		0.57	0.20	0.64	3.0	<1	<5	51	0.14	0.18	0.11	0.12	29.0	1.2	6.6
1700x7450		0.54	0.31	0.97	8.0	<1	<5	43	0.17	0.16	0.06	0.10	29.8	1.2	5.0
1700x7500		0.07	4.03	1.22	32.0	829	8	116	0.24	1.75	2.00	1.26	13.4	27.5	37.5
1700x7550		0.51	0.62	1.34	8.9	3	<5	66	0.32	0.14	0.06	0.19	22.6	2.6	14.3
1700x7650		0.27	0.50	2.35	6.6	1	<5	268	1.27	0.25	0.54	0.94	38.6	13.9	14.0
1700x7750		0.58	0.25	0.95	1.5	<1	<5	92	0.34	0.16	0.18	0.19	21.2	1.5	10.3
1700x7850		0.50	0.25	1.69	4.1	<1	<5	56	0.34	0.19	0.14	0.23	17.9	3.8	12.5
1700x7950		0.41	0.42	2.18	3.6	<1	<5	211	1.40	0.20	0.75	0.75	47.5	5.5	17.6
1700x8050		0.56	0.23	3.52	2.4	<1	<5	93	0.59	0.13	0.14	0.12	17.1	5.5	17.4
1700x8150		0.48	0.20	2.03	2.6	<1	<5	64	0.40	0.12	0.14	0.16	17.3	4.4	13.2
1700x8250		0.50	0.07	1.54	2.7	<1	<5	40	0.22	0.14	0.16	0.08	15.3	3.8	16.2
1700x8350		0.46	0.14	1.64	1.9	<1	<5	61	0.36	0.13	0.16	0.06	19.0	4.4	13.3
1700x8450		0.48	0.40	2.34	2.6	<1	<5	77	0.36	0.13	0.17	0.09	18.0	4.3	21.4
1800x6750		0.25	0.37	1.39	6.4	<1	<5	225	1.35	0.17	0.48	0.53	29.0	5.2	13.6

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
1800x6850		0.27	0.24	1.68	10.3	<1	<5	95	0.47	0.28	0.12	0.39	21.9	1.8	7.9
1800x6950		0.56	0.14	0.77	5.0	<1	<5	206	0.38	0.14	0.26	0.43	21.8	2.5	8.1
1800x7050		0.67	0.16	1.03	8.7	<1	<5	266	0.42	0.11	0.30	0.21	27.1	3.2	8.8
1800x7150		0.51	0.53	2.01	9.1	<1	<5	376	0.97	0.20	0.84	0.61	23.1	4.3	11.6
1800x7250		0.49	0.10	1.13	3.2	2	<5	52	0.14	0.19	0.11	0.06	21.2	2.3	8.6
1800x7350		0.26	0.22	3.07	8.1	<1	<5	101	0.52	0.22	0.11	0.42	22.8	4.2	12.6
1800x7450		0.30	0.08	0.60	1.5	<1	<5	37	0.07	0.13	0.05	0.07	27.1	0.7	5.4
1800x7550		0.34	0.29	0.60	2.1	<1	<5	25	0.09	0.14	0.05	0.06	22.7	0.8	4.3
1800x7650		0.40	0.29	0.92	3.1	<1	<5	52	0.24	0.14	0.12	0.12	19.9	2.4	8.5
1800x7750		0.36	0.21	1.22	4.0	1	<5	152	0.45	0.21	0.26	0.29	25.9	13.6	17.5
1800x7850		0.63	0.10	1.25	4.9	1	<5	95	0.55	0.12	0.30	0.16	34.1	5.8	19.0
1800x7950		0.40	0.07	1.30	3.6	<1	<5	44	0.32	0.14	0.10	0.09	16.2	4.9	13.9
1800x8050		0.29	0.13	1.36	1.8	<1	<5	66	0.28	0.13	0.14	0.13	19.8	3.5	17.3
1800x8100		0.07	0.38	1.31	3.9	1	6	101	0.27	0.06	0.92	0.23	13.3	9.6	22.3
1800x8150		0.27	0.20	1.67	1.9	<1	<5	43	0.24	0.14	0.12	0.08	17.8	3.9	15.0
1800x8250		0.26	0.06	0.68	1.0	<1	<5	64	0.14	0.13	0.13	0.07	17.6	2.2	10.5
1800x8350		0.29	0.07	1.53	2.8	<1	<5	65	0.55	0.12	0.11	0.07	19.7	5.5	12.3
1800x8450		0.40	0.10	1.36	1.5	<1	<5	50	0.36	0.11	0.19	0.05	17.6	3.5	10.6
1900x6750		0.30	0.42	3.62	12.2	<1	<5	501	2.46	0.20	0.76	1.64	48.0	7.7	14.3
1900x6850		0.25	0.20	2.37	7.6	<1	<5	120	0.69	0.15	0.12	0.68	19.1	2.7	11.7
1900x6950		0.32	0.09	0.94	4.5	<1	<5	42	0.11	0.19	0.07	0.08	23.3	0.9	6.1
1900x7050		0.47	0.29	1.79	15.2	<1	<5	127	0.43	0.12	0.11	0.12	22.2	3.4	9.8
1900x7150		0.35	0.15	0.75	3.3	<1	<5	59	0.14	0.14	0.12	0.09	19.1	1.7	8.2
1900x7250		0.38	0.36	1.05	3.4	<1	<5	59	0.17	0.17	0.10	0.12	20.6	1.8	6.4
1900x7350		0.34	0.27	2.76	8.8	<1	<5	77	0.60	0.15	0.11	0.21	19.6	3.9	15.6
1900x7450		0.31	0.67	1.97	9.1	2	<5	70	0.39	0.25	0.11	0.31	22.0	2.8	14.6
1900x7550		0.50	1.07	1.03	6.1	<1	<5	95	0.46	0.16	0.10	0.35	26.7	1.6	6.8
1900x7650		0.36	0.40	1.21	7.2	<1	<5	60	0.27	0.15	0.07	0.18	19.4	1.6	9.5
1900x7750		0.40	0.27	1.56	7.8	<1	<5	55	0.65	0.12	0.10	0.28	19.9	4.5	12.9
1900x7850		0.58	0.21	1.22	4.3	<1	<5	144	0.44	0.14	0.25	0.15	22.8	3.6	14.5
1900x7950		0.28	0.10	0.95	1.8	<1	<5	84	0.23	0.16	0.26	0.21	18.6	2.3	11.1
1900x8050		0.20	0.12	0.94	1.3	<1	<5	86	0.34	0.12	0.26	0.25	14.4	2.1	10.9

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
1900x8150		0.32	0.10	1.33	2.5	<1	<5	71	0.26	0.14	0.16	0.11	17.0	3.6	13.9
1900x8250		0.28	0.12	1.51	2.6	<1	<5	97	0.25	0.13	0.20	0.17	16.2	3.2	17.5
1900x8350		0.23	0.19	1.38	1.5	<1	<5	66	0.21	0.11	0.11	0.10	18.0	2.8	15.3
1900x8450		0.39	0.09	1.40	1.5	<1	<5	66	0.49	0.12	0.20	0.06	18.5	4.1	13.6
2000x6750		0.37	0.12	0.97	2.8	<1	<5	109	0.26	0.18	0.27	0.24	15.4	3.4	20.7
2000x6850		0.61	0.36	1.22	5.0	<1	<5	301	0.47	0.11	0.34	0.19	23.0	4.7	13.4
2000x6900		0.07	4.12	1.28	31.3	1350	6	130	0.27	1.76	2.02	1.32	14.0	28.0	39.0
2000x6950		0.45	0.17	2.69	9.3	8	<5	73	0.52	0.13	0.11	0.11	17.6	3.0	13.6
2000x7050		0.53	0.16	0.94	2.0	<1	<5	215	0.31	0.12	0.13	0.11	19.7	1.0	5.0
2000x7150		0.50	0.24	1.22	7.0	<1	<5	64	0.39	0.13	0.15	0.18	19.1	3.0	11.6
2000x7250		0.56	0.30	1.94	7.2	<1	<5	446	0.95	0.18	0.50	0.29	27.6	4.8	10.6
2000x7350		0.34	0.14	1.12	2.8	2	<5	80	0.20	0.14	0.07	0.11	19.9	1.7	6.8
2000x7450		0.58	0.15	1.08	6.4	<1	<5	108	0.41	0.12	0.14	0.17	24.0	3.7	12.3
2000x7550		0.44	0.09	0.75	3.0	<1	<5	67	0.20	0.13	0.15	0.16	22.1	1.7	9.1
2000x7650		0.44	0.36	1.03	5.3	<1	<5	98	0.29	0.20	0.18	0.37	20.2	2.1	9.8
2000x7750		0.51	0.38	2.46	10.1	1	<5	64	0.62	0.18	0.10	0.40	18.1	5.6	17.0
2000x7850		0.39	0.59	1.46	2.6	<1	<5	159	1.33	0.17	0.32	0.61	29.4	2.2	12.7
2000x7950		0.72	0.13	0.91	3.0	<1	<5	90	0.38	0.12	0.33	0.14	24.4	3.3	14.0
2000x8050		0.23	1.11	5.40	5.4	6	<5	333	3.22	0.20	0.59	0.18	77.4	5.0	30.9
2000x8150		0.67	0.09	1.43	1.8	<1	<5	127	0.76	0.12	0.40	0.15	29.7	4.0	13.9
2000x8250		0.23	1.25	3.87	2.0	2	<5	220	4.34	0.09	0.41	0.31	119	4.7	18.2
2000x8350		0.41	0.15	1.48	2.0	2	<5	71	0.39	0.11	0.16	0.08	18.0	4.1	16.5
2000x8450		0.49	0.18	1.97	2.2	<1	<5	60	0.39	0.11	0.15	0.10	16.4	5.6	16.5
2100x6750		0.35	0.45	1.61	4.6	<1	<5	111	0.57	0.16	0.19	0.20	21.3	3.4	12.6
2100x6850		0.25	0.18	1.67	5.6	<1	<5	183	0.67	0.15	0.24	0.19	24.9	5.5	11.5
2100x6950		0.62	0.19	1.40	3.5	<1	<5	225	0.28	0.12	0.17	0.09	19.7	2.7	8.6
2100x7050		0.40	0.35	2.39	9.3	<1	<5	540	0.90	0.21	0.46	0.31	23.9	7.0	13.1
2100x7150		0.40	0.30	2.17	9.8	<1	<5	120	0.43	0.18	0.12	0.26	16.1	3.8	22.9
2100x7250		0.19	0.28	1.01	3.8	<1	<5	105	0.27	0.15	0.11	0.16	18.8	2.4	15.8
2100x7350		0.27	0.18	1.11	2.1	<1	<5	58	0.19	0.14	0.07	0.10	20.1	2.1	12.7
2100x7450		0.35	0.57	1.92	4.9	<1	<5	125	0.41	0.15	0.12	0.15	20.4	3.0	11.4
2100x7550		0.42	0.11	0.81	3.0	<1	<5	47	0.11	0.15	0.05	0.08	23.1	1.8	12.3

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
2100x7600		0.07	0.36	1.22	3.7	2	<5	98	0.21	0.05	0.83	0.21	11.9	9.7	21.1
2100x7650		0.34	0.68	1.15	4.4	<1	<5	223	0.78	0.16	0.43	1.30	34.9	2.4	12.5
2100x7750		0.37	0.36	1.22	10.9	<1	<5	80	0.28	0.17	0.11	0.27	20.0	4.9	13.2
2100x7850		0.54	0.16	1.26	3.7	<1	<5	97	0.41	0.12	0.15	0.11	22.8	3.0	13.0
2100x7950		0.41	0.37	1.20	6.9	<1	<5	140	0.59	0.24	0.39	0.22	22.7	2.7	14.5
2100x8050		0.18	0.10	0.46	1.0	<1	<5	43	0.10	0.15	0.11	0.14	19.3	1.5	10.8
2100x8150		0.47	0.12	0.92	3.7	1	<5	54	0.35	0.11	0.12	0.09	17.4	4.7	12.9
2100x8250		0.40	0.10	1.07	2.6	<1	<5	48	0.33	0.13	0.11	0.12	18.4	5.4	14.8
2100x8350		0.30	0.15	0.85	1.1	<1	<5	77	0.23	0.11	0.13	0.11	23.4	2.5	11.3
2100x8450		0.35	0.19	1.04	2.2	<1	<5	44	0.25	0.11	0.14	0.12	16.6	4.0	14.5
2200x8050		0.33	0.33	1.38	5.5	1	<5	35	0.38	0.11	0.07	0.13	14.9	4.0	11.6
2200x8150		0.66	0.09	0.94	3.7	6	<5	79	0.37	0.10	0.47	0.11	28.7	6.0	16.3
2200x8250		0.23	1.02	4.15	5.2	1	<5	308	2.73	0.18	0.53	0.25	104	7.6	20.5
2200x8350		0.28	0.10	2.39	3.4	1	<5	74	0.50	0.10	0.17	0.09	18.5	5.9	21.7
2200x8450		0.35	0.09	0.94	3.3	<1	<5	46	0.27	0.10	0.15	0.08	18.9	4.5	14.3
2300x8050		0.12	0.43	2.24	5.2	<1	<5	196	0.91	0.21	1.05	0.79	29.7	8.1	16.3
2300x8150		0.45	0.14	2.03	4.0	<1	<5	81	0.42	0.11	0.19	0.10	17.0	6.6	22.6
2300x8250		0.44	0.11	1.47	4.0	<1	<5	91	0.47	0.12	0.17	0.06	20.8	5.4	15.4
2300x8350		0.34	0.05	0.87	2.6	<1	<5	59	0.24	0.13	0.14	0.05	15.8	3.6	12.6
2300x8450		0.33	0.06	1.04	3.5	<1	<5	42	0.26	0.11	0.16	0.05	17.2	4.5	17.0
2400x8050		0.26	0.20	2.21	5.8	<1	<5	139	0.87	0.19	0.86	0.35	39.4	7.1	20.3
2400x8150		0.48	0.17	2.68	6.1	<1	<5	117	0.57	0.14	0.15	0.13	18.9	6.0	19.2
2400x8250		0.30	0.21	1.60	2.2	1	<5	50	0.33	0.13	0.12	0.10	15.8	4.0	14.7
2400x8350		0.42	0.11	1.12	3.6	<1	<5	64	0.27	0.16	0.07	0.09	17.5	5.6	12.1
2400x8450		0.48	0.13	1.38	5.8	<1	<5	58	0.45	0.12	0.11	0.09	18.3	5.3	15.8
2400x8500		0.07	4.00	1.07	34.2	829	6	108	0.21	1.79	1.83	1.10	13.4	28.3	34.7
2500x8050		0.42	0.17	1.27	3.3	2	<5	101	0.39	0.13	0.51	0.12	29.7	4.5	17.3
2500x8150		0.44	0.30	1.64	1.4	<1	<5	58	0.21	0.14	0.22	0.17	16.3	4.3	17.3
2500x8250		0.31	0.18	2.21	2.6	<1	<5	67	0.41	0.11	0.16	0.12	16.1	7.3	21.3
2500x8350		0.30	0.11	1.87	4.3	<1	<5	51	0.38	0.12	0.21	0.15	19.4	6.4	18.3
2500x8450		0.46	0.17	1.30	3.3	<1	<5	57	0.27	0.13	0.16	0.09	16.9	4.4	14.4
9200x2650		0.50	0.08	1.12	1.0	<1	<5	27	0.26	0.14	0.07	0.05	18.0	1.3	9.2

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
9200x2750		0.43	0.07	0.86	1.4	2	<5	22	0.17	0.17	0.07	0.04	18.4	1.7	11.4
9200x2850		0.44	0.11	0.71	1.2	<1	<5	31	0.16	0.17	0.14	0.05	16.2	1.9	10.5
9200x2950		0.73	0.04	0.70	0.7	<1	<5	26	0.20	0.12	0.18	0.03	20.5	2.3	10.8
9200x3050		0.48	0.06	0.86	1.5	<1	<5	55	0.26	0.10	0.20	0.08	20.8	3.5	12.5
9200x3150		0.56	0.12	1.49	2.0	<1	<5	116	0.78	0.17	0.48	0.26	27.0	5.4	16.4
9200x3250		0.40	0.32	2.31	10.9	<1	<5	162	2.80	0.21	0.71	0.60	44.2	8.0	16.5
9200x3350		0.53	0.06	0.35	0.4	<1	<5	18	0.08	0.13	0.04	0.05	16.9	0.6	5.6
9200x3450		0.53	0.14	1.02	1.7	<1	<5	45	0.25	0.22	0.07	0.06	19.5	2.1	13.8
9200x3550		0.55	0.15	2.17	1.6	<1	<5	58	0.30	0.16	0.05	0.05	19.7	3.3	11.1
9300x2650		0.55	0.22	1.86	6.0	1	<5	28	0.38	0.17	0.06	0.10	18.7	2.0	11.2
9300x2750		0.44	0.19	0.65	2.6	<1	<5	17	0.11	0.24	0.06	0.06	17.1	1.6	11.4
9300x2850		0.59	0.06	0.70	1.7	<1	<5	40	0.23	0.17	0.15	0.04	21.4	2.0	9.6
9300x2950		0.59	0.07	0.51	0.7	<1	<5	26	0.12	0.18	0.09	0.06	18.9	1.4	9.4
9300x3050		0.64	0.11	0.93	2.0	<1	<5	47	0.35	0.12	0.19	0.08	23.3	3.6	13.5
9300x3150		0.44	0.18	0.99	1.9	<1	<5	114	0.79	0.11	0.39	0.32	31.7	5.8	9.6
9300x3250		0.49	0.17	0.86	1.4	<1	<5	43	0.27	0.14	0.17	0.06	19.9	3.2	13.8
9300x3350		0.60	0.18	0.89	0.9	<1	<5	77	0.43	0.16	0.36	0.24	21.7	2.3	11.4
9300x3400		0.08	0.52	1.29	3.3	2	6	106	0.23	0.05	0.98	0.26	13.1	9.4	23.2
9300x3450		0.54	0.13	1.74	5.2	<1	<5	34	0.49	0.16	0.10	0.07	14.4	3.5	14.8
9300x3550		0.58	0.33	3.57	3.3	<1	<5	64	0.72	0.28	0.06	0.07	17.6	3.8	15.0
9400x2650		0.38	0.16	1.97	2.6	<1	<5	36	0.48	0.12	0.09	0.10	19.0	3.7	15.1
9400x2750		0.39	0.08	2.94	3.2	2	<5	31	0.55	0.11	0.07	0.09	19.2	2.9	13.2
9400x2850		0.36	0.12	0.90	2.2	<1	<5	29	0.19	0.14	0.09	0.05	16.8	1.9	12.4
9400x2950		0.43	0.09	1.12	2.7	<1	<5	38	0.26	0.62	0.10	0.04	17.9	2.0	13.8
9400x3050		0.49	0.08	0.83	1.9	<1	<5	31	0.17	0.21	0.13	0.07	18.7	2.3	13.6
9400x3150		0.46	0.17	0.91	2.8	<1	<5	33	0.18	0.11	0.15	0.07	16.6	2.4	15.7
9400x3250		0.36	0.16	0.41	0.5	<1	<5	33	0.21	0.15	0.32	0.08	16.5	1.2	9.7
9400x3350		0.49	0.15	0.91	2.6	<1	<5	35	0.19	0.18	0.12	0.08	15.7	1.8	15.3
9400x3450		0.18	0.49	0.59	0.8	3	<5	82	1.77	0.03	2.46	0.85	16.1	1.3	1.8
9400x3550		0.33	0.26	0.54	0.6	1	<5	21	0.09	0.16	0.06	0.03	19.6	1.6	16.9
9500x2650		0.39	0.14	1.79	5.7	<1	<5	39	0.33	0.18	0.08	0.06	21.4	2.2	12.9
9500x2750		0.54	0.10	0.65	0.8	<1	<5	27	0.10	0.14	0.09	0.05	20.4	1.1	8.4

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
9500x2850		0.48	0.16	0.75	2.2	<1	<5	29	0.18	0.15	0.08	0.07	17.8	1.7	11.7
9500x2950		0.31	0.31	2.31	3.3	<1	<5	184	1.07	0.18	0.81	0.37	34.6	4.8	14.5
9500x3050		0.61	0.06	0.41	0.3	<1	<5	23	0.09	0.19	0.08	0.03	20.4	1.2	10.0
9500x3150		0.46	0.23	1.83	2.2	3	<5	104	1.57	0.17	0.82	0.31	29.3	4.7	16.6
9500x3250		0.39	0.09	0.62	0.5	<1	<5	60	0.29	0.17	0.26	0.15	21.5	2.4	10.4
9500x3350		0.37	0.17	0.64	0.6	<1	<5	70	0.45	0.17	0.18	0.15	20.6	1.0	7.2
9500x3450		0.46	0.13	0.80	0.5	1	<5	37	0.18	0.16	0.15	0.07	15.8	1.3	9.4
9500x3550		0.25	0.31	2.44	39.5	1	<5	98	3.56	0.26	0.29	0.22	32.3	6.8	31.0
9600x2650		0.36	0.12	1.80	4.2	<1	<5	46	0.41	0.20	0.08	0.05	22.8	2.4	13.9
9600x2750		0.34	0.22	2.05	6.4	<1	<5	55	0.42	0.19	0.09	0.15	19.9	2.1	14.8
9600x2800		0.07	3.99	1.36	34.5	814	8	138	0.22	1.76	2.21	1.18	15.0	28.8	42.0
9600x2850		0.26	0.11	0.41	0.2	2	<5	39	0.08	0.09	0.08	0.07	24.3	0.6	4.5
9600x2950		0.38	0.12	0.53	0.7	2	<5	23	0.09	0.14	0.10	0.04	17.5	1.5	9.6
9600x3050		0.77	0.07	0.69	1.5	<1	<5	60	0.37	0.15	0.31	0.05	27.3	3.1	14.0
9600x3150		0.47	0.09	0.90	2.6	<1	<5	58	0.34	0.11	0.22	0.15	20.4	2.9	14.2
9600x3250		0.41	0.19	1.91	1.9	<1	<5	116	1.36	0.23	0.35	0.31	36.6	7.1	17.7
9600x3350		0.32	0.49	2.44	2.7	4	<5	182	1.14	0.21	0.48	0.53	41.3	12.9	18.3
9600x3450		0.43	0.48	2.67	2.6	<1	<5	170	1.47	0.20	0.55	0.27	35.3	5.3	20.4
9600x3550		0.44	0.11	0.39	0.6	<1	<5	20	0.11	0.15	0.08	0.03	15.8	1.0	9.8
9700x2650		0.29	0.11	0.57	0.8	<1	<5	27	0.10	0.21	0.08	0.03	22.9	1.6	13.7
9700x2750		0.40	0.16	2.86	24.2	<1	<5	134	1.62	0.23	0.63	0.15	29.0	6.6	21.4
9700x2850		0.72	0.11	1.75	2.7	<1	<5	75	0.64	0.14	0.16	0.06	23.7	2.5	12.6
9700x2950		0.61	0.09	0.67	1.5	<1	<5	50	0.28	0.14	0.19	0.05	19.1	1.7	7.5
9700x3050		0.51	0.11	0.71	0.7	1	<5	49	0.22	0.14	0.26	0.11	19.7	2.1	10.0
9700x3150		0.36	0.12	1.18	1.8	<1	<5	80	0.66	0.15	0.34	0.19	22.9	5.0	13.0
9700x3250		0.55	0.11	1.08	3.7	1	<5	57	0.68	0.14	0.15	0.17	22.4	4.9	13.7
9700x3350		0.66	0.09	0.82	3.9	<1	<5	72	0.60	0.16	0.45	0.16	34.3	7.1	14.4
9700x3450		0.56	0.12	1.45	4.2	1	<5	58	0.62	0.11	0.20	0.13	19.4	5.9	19.4
9700x3550		0.34	0.10	0.40	0.8	<1	<5	26	0.09	0.14	0.07	0.05	14.3	1.3	9.9
9800x2650		0.34	0.10	0.72	0.8	<1	<5	31	0.16	0.15	0.07	0.04	19.7	1.2	6.0
9800x2750		0.51	0.09	0.66	2.0	<1	<5	19	0.14	0.19	0.08	0.04	23.0	1.6	9.1
9800x2850		0.48	0.18	0.84	1.2	<1	<5	49	0.19	0.17	0.10	0.07	21.8	1.8	8.3

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
9800x2950		0.38	0.13	1.04	1.1	<1	<5	30	0.39	0.13	0.07	0.07	20.1	1.4	8.7
9800x3050		0.52	0.10	0.99	1.4	<1	<5	60	0.33	0.13	0.26	0.10	20.6	3.2	10.6
9800x3150		0.39	0.06	0.47	0.8	<1	<5	27	0.11	0.19	0.08	0.04	19.0	1.2	9.8
9800x3200		0.07	0.44	1.10	3.4	1	<5	93	0.23	0.05	0.84	0.24	11.9	8.8	20.4
9800x3250		0.44	0.08	1.64	3.8	<1	<5	64	0.58	0.11	0.17	0.08	18.0	6.1	16.1
9800x3350		0.26	0.13	0.27	1.5	<1	<5	16	0.10	0.17	0.05	0.05	16.3	2.0	11.2
9800x3450		0.30	0.09	0.36	0.7	<1	<5	27	0.08	0.17	0.08	0.04	16.3	1.4	13.5
9800x3550		0.47	0.18	0.74	2.6	15	<5	31	0.14	0.16	0.09	0.05	15.1	2.3	16.2
9900x2650		0.38	0.12	1.44	1.8	<1	<5	39	0.34	0.13	0.12	0.07	21.1	3.3	16.1
9900x2750		0.67	0.10	0.65	0.8	<1	<5	30	0.14	0.22	0.14	0.04	21.0	1.9	8.9
9900x2850		0.48	0.11	0.76	0.9	<1	<5	33	0.20	0.14	0.10	0.05	19.5	1.8	7.5
9900x2950		0.52	0.22	1.17	2.6	<1	<5	62	0.45	0.23	0.18	0.14	20.2	5.1	36.1
9900x3050		0.43	0.14	2.19	3.2	<1	<5	65	0.54	0.28	0.07	0.06	17.5	2.2	8.5
9900x3150		0.34	0.10	1.45	2.7	<1	<5	27	0.61	0.17	0.07	0.06	18.1	4.2	10.1
9900x3250		0.30	0.21	2.10	5.1	1	<5	42	0.69	0.95	0.12	0.16	17.4	3.4	12.5
9900x3350		0.31	0.11	0.59	1.3	<1	<5	18	0.18	0.46	0.10	0.05	21.4	2.0	12.5
9900x3450		0.49	0.10	0.72	3.3	<1	<5	26	0.18	0.19	0.09	0.08	15.3	2.6	16.9
9900x3550		0.36	0.11	0.32	0.6	5	<5	21	0.07	0.16	0.07	0.02	15.8	1.7	14.6
0000x2650		0.40	0.12	0.65	0.7	<1	<5	28	0.14	0.17	0.09	0.04	20.3	1.3	8.1
0000x2750		0.51	0.15	1.69	2.7	<1	<5	55	0.51	0.11	0.12	0.10	19.5	4.6	16.2
0000x2850		0.60	0.09	0.58	0.5	<1	<5	32	0.15	0.15	0.15	0.04	21.3	1.6	7.1
0000x2950		0.49	0.08	0.84	0.6	<1	<5	31	0.25	0.17	0.10	0.04	19.6	1.3	7.3
0000x3050		0.40	0.21	1.31	4.3	<1	<5	26	0.31	0.19	0.07	0.09	21.5	2.6	11.3
0000x3150		0.19	0.22	1.91	2.4	<1	<5	88	0.73	0.39	0.14	0.10	21.2	7.0	20.6
0000x3250		0.28	0.10	0.92	0.5	<1	<5	30	0.11	0.28	0.07	0.02	13.7	2.0	6.9
0000x3350		0.29	0.28	1.99	3.7	2	<5	38	0.67	0.26	0.13	0.11	17.4	4.2	14.0
0000x3450		0.34	0.12	0.27	0.3	<1	<5	19	0.05	0.15	0.06	0.11	15.7	0.9	6.3
0000x3550		0.45	0.10	0.47	1.2	<1	<5	16	0.10	0.13	0.05	0.02	19.8	0.8	8.5
0000x3600		0.06	4.07	1.13	33.3	963	6	125	0.22	1.76	2.06	1.19	14.2	28.2	38.8
0124x2669		0.43	0.23	1.14	1.9	6	<5	68	0.70	0.15	0.50	0.27	26.2	3.8	15.0
0100x2750		0.65	0.22	2.25	2.9	<1	<5	130	1.03	0.15	0.61	0.15	37.9	5.6	23.4
0100x2850		0.53	0.18	1.07	1.5	<1	<5	53	0.25	0.13	0.19	0.09	17.3	2.8	15.7

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
0100x2950		0.51	0.26	2.83	10.5	1	<5	80	0.68	0.27	0.12	0.08	18.0	3.7	17.5
0100x3050		0.36	0.07	1.31	2.3	<1	<5	42	0.21	0.17	0.11	0.04	19.2	1.9	13.0
0100x3150		0.33	0.11	1.19	3.6	<1	<5	42	0.39	0.48	0.14	0.04	15.7	2.2	13.0
0100x3250		0.23	0.04	0.64	0.5	<1	<5	34	0.14	0.26	0.11	0.04	15.1	0.7	15.5
0100x3350		0.30	0.10	0.44	0.3	<1	<5	26	0.12	0.22	0.06	0.04	16.7	1.1	11.3
0100x3450		0.33	0.20	2.22	3.4	<1	<5	62	0.70	0.30	0.17	0.21	19.8	5.5	20.5
0100x3550		0.38	0.07	0.35	0.2	<1	<5	23	0.06	0.11	0.07	0.03	17.2	0.8	9.7
0200x2750		0.65	0.08	1.45	17.5	<1	<5	71	0.57	0.13	0.29	0.09	28.4	5.2	21.5
0200x2850		0.44	0.20	1.81	2.9	1	<5	45	0.60	0.12	0.14	0.08	18.3	4.0	16.1
0200x2950		0.42	0.44	1.87	16.1	<1	<5	90	0.45	0.23	0.11	0.11	19.3	2.7	12.4
0200x3050		0.44	0.18	2.09	2.6	<1	<5	45	0.46	0.15	0.09	0.08	15.6	3.1	17.9
0200x3150		0.39	0.13	1.05	23.2	<1	<5	32	0.30	0.22	0.06	0.04	19.7	2.1	11.1
0200x3250		0.26	0.07	0.86	0.7	<1	<5	91	0.40	0.30	0.07	0.08	14.3	1.3	10.4
0200x3350		0.42	0.09	1.79	1.0	<1	<5	65	0.16	0.22	0.11	0.05	15.4	2.2	9.4
0200x3450		0.33	0.12	2.83	4.1	1	<5	43	0.59	0.23	0.17	0.08	15.8	3.4	15.9
0200x3550		0.41	0.11	1.73	2.6	<1	<5	106	0.34	0.11	0.20	0.04	16.1	3.9	17.7
0300x2850		0.44	0.44	1.39	35.9	<1	<5	93	0.60	0.35	0.33	0.60	19.8	5.7	16.4
0300x2950		0.37	0.23	1.59	8.2	<1	<5	63	0.60	0.16	0.15	0.12	20.0	3.9	15.7
0300x3050		0.41	0.17	1.43	4.5	<1	<5	78	0.54	0.19	0.10	0.04	22.7	3.9	16.4
0300x3150		0.35	0.11	2.35	10.0	<1	<5	80	0.70	0.32	0.10	0.06	23.1	3.9	18.6
0300x3250		0.30	0.10	0.77	1.1	<1	<5	46	0.19	0.28	0.08	0.07	18.6	1.2	12.2
0300x3300		0.07	0.38	1.29	3.3	1	5	100	0.23	0.05	0.94	0.21	12.3	8.7	24.5
0300x3350		0.40	0.06	0.57	0.8	2	<5	37	0.12	0.42	0.08	0.04	17.1	1.5	14.0
0300x3450		0.37	0.21	1.13	2.1	<1	<5	35	0.32	0.22	0.09	0.07	17.0	2.4	16.4
0300x3550		0.28	0.22	1.19	3.3	<1	<5	59	0.37	0.19	0.29	0.12	18.1	5.1	19.0
0234x2726		0.43	0.13	1.04	13.6	<1	<5	43	0.32	0.11	0.14	0.07	19.6	3.1	17.8
0260x2765		0.47	0.88	2.08	25.7	3	<5	135	2.52	0.24	1.27	0.36	31.3	5.5	18.8
70650x95250		0.32	0.40	2.64	27.8	<1	<5	661	7.21	0.43	0.52	0.80	55.0	3.6	14.2
70650x95300		0.30	0.18	0.87	2.0	<1	<5	57	0.22	0.22	0.11	0.06	18.8	1.5	10.0
70650x95350		0.29	0.07	0.67	0.8	<1	<5	30	0.08	0.23	0.07	0.05	22.2	1.2	11.6
70650x95400		0.43	0.09	0.67	0.8	<1	<5	52	0.09	0.16	0.09	0.12	20.4	1.5	15.4
70650x95450		0.58	0.15	1.58	6.8	<1	<5	231	1.56	0.19	0.41	0.20	30.3	2.8	17.2

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
70650x95500		0.47	0.21	2.04	16.6	<1	<5	514	3.70	0.28	0.78	0.56	37.0	3.7	18.6
70650x95550		0.44	0.20	1.72	14.1	<1	<5	343	2.46	0.27	0.58	0.25	34.1	3.7	18.6
70750x95250		0.41	0.11	0.97	1.9	<1	<5	82	0.31	0.19	0.07	0.04	25.2	0.9	5.3
70750x95300		0.57	0.14	1.12	11.9	<1	<5	74	0.15	0.23	0.03	0.10	20.7	1.6	10.5
70750x95350		0.51	0.10	1.38	3.8	1	<5	98	0.40	0.16	0.08	0.10	18.6	2.0	11.1
70750x95400		0.42	0.09	0.60	0.9	<1	<5	30	0.10	0.20	0.09	0.09	20.9	1.3	13.0
70750x95450		0.39	0.18	1.39	2.3	<1	<5	61	0.22	0.21	0.17	0.16	15.8	2.5	16.3
70750x95500		0.37	0.08	0.44	1.0	<1	<5	105	0.13	0.13	0.32	0.16	18.0	1.1	13.4
70750x95550		0.52	0.07	0.87	1.3	6	<5	37	0.11	0.16	0.07	0.04	18.8	1.2	11.5
70850x95300		0.41	0.25	1.99	16.4	<1	<5	232	2.77	0.22	0.50	0.53	30.0	4.3	14.7
70850x95350		0.47	0.12	0.90	6.3	<1	<5	108	0.96	0.16	0.28	0.16	26.8	2.4	10.7
70850x95400		0.45	0.12	0.83	2.2	<1	<5	115	0.15	0.16	0.08	0.09	18.6	2.0	13.2
70850x95450		0.35	0.10	0.70	0.7	<1	<5	58	0.14	0.20	0.18	0.06	16.9	1.8	14.4
70850x95500		0.35	0.12	0.69	1.5	2	<5	132	0.27	0.19	0.11	0.14	21.6	1.5	11.3
70850x95550		0.40	0.20	1.76	6.4	<1	<5	54	0.32	0.22	0.09	0.25	21.0	1.9	14.5
70850x95600		0.07	3.70	1.32	29.4	792	5	131	0.21	1.52	2.19	1.13	12.1	24.5	44.4
70950x95300		0.40	0.17	2.00	2.6	2	<5	56	0.27	0.15	0.10	0.15	17.9	2.9	16.4
70950x95350		0.44	0.09	0.80	3.6	<1	<5	109	0.33	0.17	0.21	0.09	20.4	2.5	16.3
70950x95400		0.46	0.08	0.70	3.4	<1	<5	91	0.45	0.20	0.13	0.14	23.0	1.5	18.6
70950x95450		0.39	0.05	0.50	1.6	3	<5	44	0.16	0.21	0.08	0.06	22.2	0.8	7.3
70950x95500		0.37	0.53	3.86	9.5	<1	<5	475	4.49	0.32	0.96	0.84	44.5	5.0	14.2
70950x95550		0.47	0.16	0.72	1.0	<1	<5	89	0.12	0.13	0.06	0.12	24.3	0.7	11.2
70950x95600		0.47	0.25	1.61	3.2	<1	<5	88	0.28	0.19	0.10	0.11	21.3	2.0	12.0
70950x95650		0.39	0.17	0.66	1.4	<1	<5	29	0.10	0.16	0.05	0.05	18.4	1.4	14.9
70950x95700		0.41	0.26	0.88	5.7	<1	<5	257	0.63	0.15	0.33	0.19	22.4	3.3	16.1
70950x95750		0.45	0.15	0.60	1.9	<1	<5	56	0.10	0.14	0.07	0.09	19.5	1.6	16.2
70950x95800		0.52	0.24	0.58	2.3	1	<5	41	0.08	0.14	0.05	0.09	16.9	1.6	12.8
70950x95850		0.41	0.10	0.72	1.4	<1	<5	67	0.09	0.12	0.06	0.08	19.1	1.0	12.3
70950x95900		0.42	0.34	4.30	11.2	<1	<5	68	0.46	0.21	0.08	0.10	15.3	1.6	13.4
70950x95950		0.44	0.28	1.26	7.5	<1	<5	55	0.18	0.21	0.11	0.13	16.9	1.8	14.8
70950x96000		0.22	0.28	2.49	10.5	<1	<5	185	1.32	0.18	0.03	1.20	22.8	2.2	17.5
70950x96050		0.24	1.38	2.44	10.4	2	<5	463	2.77	0.16	0.58	2.48	27.9	2.3	16.7

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
71050x95350		0.37	0.17	1.92	4.1	<1	<5	54	0.34	0.19	0.10	0.15	19.1	1.9	15.2
71050x95400		0.40	0.11	0.37	0.9	<1	<5	42	<0.05	0.11	0.04	0.06	18.7	0.6	7.1
71050x95450		0.60	0.06	0.68	1.7	<1	<5	41	0.10	0.19	0.05	0.05	23.0	1.0	7.3
71050x95500		0.37	0.12	0.75	2.1	<1	<5	179	0.49	0.12	0.30	0.27	21.2	2.5	20.0
71050x95550		0.41	0.24	0.80	1.2	<1	<5	46	0.10	0.15	0.08	0.08	21.3	1.5	15.3
71050x95600		0.43	0.19	0.42	0.7	<1	<5	32	0.06	0.16	0.06	0.18	21.7	0.7	6.7
71050x95650		0.53	0.11	0.91	1.2	<1	<5	117	0.13	0.14	0.06	0.14	17.7	2.2	11.4
71050x95675		0.06	0.53	1.25	3.4	1	5	97	0.20	0.05	0.90	0.24	11.4	8.6	24.2
71050x95700		0.38	0.28	1.22	9.2	<1	<5	47	0.17	0.21	0.06	0.11	17.3	1.3	10.0
71050x95750		0.54	0.27	1.45	6.6	<1	<5	113	0.35	0.17	0.14	0.14	20.4	2.1	11.6
71050x95800		0.63	0.37	1.35	10.6	1	<5	183	0.48	0.14	0.28	0.18	34.1	6.2	19.5
71050x95850		0.51	0.62	2.17	6.8	<1	<5	63	0.31	0.18	0.07	0.16	16.2	1.7	9.3
71050x95900		0.66	0.25	2.16	8.0	<1	<5	70	0.52	0.19	0.07	0.09	17.2	2.8	12.6
71050x95950		0.48	0.25	2.65	6.9	1	<5	58	0.28	0.20	0.06	0.07	15.4	1.9	14.5
71050x96000		0.70	0.15	1.44	6.1	<1	<5	75	0.31	0.14	0.12	0.10	19.3	3.8	15.5
71050x96050		0.53	0.27	2.88	10.1	1	<5	74	0.71	0.18	0.08	0.12	19.9	2.8	13.7
71150x95600		0.43	0.13	0.77	1.4	<1	<5	37	0.07	0.20	0.06	0.08	22.6	1.5	15.1
71150x95650		0.44	0.27	2.33	3.4	2	<5	64	0.54	0.22	0.09	0.21	20.4	2.5	12.2
71150x95700		0.47	0.06	0.41	1.7	<1	<5	19	0.06	0.15	0.04	0.06	20.7	1.1	10.9
71250x94700		0.57	0.08	1.85	1.9	<1	<5	65	0.34	0.24	0.12	0.23	24.2	2.4	12.6
71250x94750		0.43	0.19	1.31	1.4	<1	<5	72	0.20	0.29	0.11	0.16	25.8	1.4	11.7
71250x94800		0.55	0.18	0.65	0.8	1	<5	55	0.13	0.25	0.10	0.16	27.4	1.0	12.0
71250x95650		0.35	0.14	0.43	0.8	<1	<5	23	<0.05	0.17	0.06	0.06	19.6	0.9	9.9
71250x95700		0.45	0.18	1.41	2.1	1	<5	47	0.26	0.16	0.11	0.10	20.5	2.2	13.5
71250x95750		0.46	0.28	1.68	2.1	4	<5	61	0.18	0.19	0.07	0.06	20.2	1.1	9.7
71350x94550		0.36	0.66	3.43	29.4	2	<5	182	1.83	0.49	0.06	1.18	31.1	4.0	24.8
71350x94600		0.58	0.22	0.72	1.7	<1	<5	108	0.19	0.16	0.18	0.22	24.1	1.4	11.3
71350x94650		0.47	0.21	1.19	1.0	<1	<5	109	0.13	0.12	0.13	0.61	18.8	2.1	9.5
71350x94700		0.47	0.29	1.69	1.6	1	<5	63	0.30	0.21	0.15	0.30	22.0	1.9	12.4
71350x94750		0.53	0.13	1.85	1.9	<1	<5	78	0.41	0.22	0.18	0.28	25.0	2.7	11.7
71350x94800		0.51	0.14	1.89	2.6	1	<5	83	0.54	0.20	0.21	0.22	24.7	3.5	14.7
71350x95750		0.47	0.18	1.62	3.8	<1	<5	72	0.33	0.14	0.15	0.10	19.2	3.4	16.6

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Unit:	Login Weight	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	kg	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
71350x95800		0.50	0.36	1.51	1.7	<1	<5	73	0.23	0.16	0.15	0.15	19.5	3.2	12.8
71350x95850		0.07	3.97	1.32	32.3	834	6	128	0.23	1.67	2.16	1.15	14.0	28.5	45.1
71450x94550		0.43	0.30	1.70	6.0	6	<5	79	0.24	0.33	0.10	0.21	17.8	3.2	17.8
71450x94600		0.39	0.25	1.03	2.9	<1	<5	94	0.17	0.25	0.26	0.57	17.6	2.0	20.6
71450x94650		0.37	0.08	0.64	1.6	<1	<5	70	0.12	0.15	0.13	0.11	23.3	1.0	10.6
71450x94700		0.56	0.12	0.94	5.9	<1	<5	167	0.26	0.19	0.34	0.15	17.3	1.6	9.5
71450x94750		0.32	0.60	3.70	9.5	2	<5	471	2.04	0.27	0.37	0.94	64.8	13.3	38.5
71450x94800		0.48	0.19	0.92	2.8	<1	<5	85	0.16	0.13	0.12	0.48	17.2	2.6	14.5
71450x95700		0.45	0.19	1.99	2.9	<1	<5	112	0.48	0.13	0.23	0.25	19.6	5.0	18.6
71450x95750		0.58	0.11	2.42	2.9	<1	<5	113	0.56	0.16	0.20	0.24	20.6	4.4	17.0
71450x95800		0.40	0.16	2.96	2.8	<1	<5	61	0.57	0.16	0.10	0.28	15.9	3.0	16.5
71550x94650		0.49	0.24	1.66	3.8	<1	<5	56	0.37	0.19	0.10	0.20	17.1	2.6	12.7
71550x94700		0.51	0.20	0.93	4.2	<1	<5	48	0.13	0.24	0.11	0.17	18.1	2.2	20.5
71550x94750		0.33	0.76	1.96	25.0	<1	<5	333	5.24	0.29	1.18	1.26	40.3	4.6	20.8

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DATE SAMPLED: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
7200x5050		1.48	17.5	1.61	3.12	0.10	0.08	0.02	0.018	0.04	13.0	4.2	0.19	178	0.66
7200x5150		1.43	10.6	1.67	3.11	0.10	0.07	0.02	0.015	0.04	12.1	3.9	0.19	176	0.59
7200x5250		2.01	11.3	1.38	3.63	0.08	0.04	0.02	0.017	0.04	13.1	5.9	0.17	256	1.85
7200x5350		1.44	10.1	1.74	2.64	0.10	0.05	0.02	0.014	0.04	12.9	3.9	0.19	232	1.62
7200x5450		1.35	6.7	1.37	2.67	0.10	0.05	0.01	0.016	0.05	15.4	4.2	0.21	210	0.69
7200x5550		2.19	8.6	2.27	3.75	0.09	0.11	0.03	0.021	0.05	9.6	5.8	0.18	257	0.77
7200x5650		1.76	9.3	1.70	3.57	0.10	0.04	0.02	0.018	0.05	12.9	7.2	0.20	204	0.67
7200x5750		1.64	10.5	1.71	5.29	0.09	0.06	0.01	0.021	0.04	11.1	6.3	0.18	175	0.85
7200x5850		0.75	19.2	1.01	3.79	0.09	0.16	0.05	0.016	0.07	14.0	9.2	0.38	474	6.94
7300x5050		2.00	11.6	2.38	4.29	0.11	0.06	0.03	0.023	0.04	11.6	6.1	0.23	213	0.75
7300x5150		1.26	6.5	1.22	4.97	0.09	0.05	0.02	0.014	0.04	10.4	4.1	0.12	318	0.48
7300x5250		1.68	7.7	1.57	3.27	0.09	0.08	0.01	0.016	0.04	12.4	4.2	0.19	225	0.45
7300x5350		1.70	7.5	1.04	3.10	0.09	0.03	0.02	0.012	0.04	9.9	3.6	0.16	206	0.52
7300x5450		1.59	16.5	2.32	3.82	0.10	0.15	0.03	0.019	0.04	11.8	4.2	0.18	222	0.60
7300x5550		1.50	8.8	2.22	3.68	0.10	0.08	0.04	0.018	0.04	10.7	4.4	0.17	333	0.61
7300x5600		0.42	23.9	2.09	3.91	0.13	0.32	0.04	0.021	0.09	7.0	6.1	0.57	375	3.33
7300x5650		2.00	10.5	1.89	3.66	0.12	0.07	0.02	0.020	0.05	12.8	4.2	0.19	223	0.61
7300x5750		1.92	7.6	2.72	6.83	0.09	0.03	0.05	0.024	0.04	10.6	7.8	0.13	164	0.85
7300x5850		1.26	6.6	1.73	4.07	0.11	0.16	0.03	0.017	0.04	11.6	4.1	0.15	174	0.57
7400x5050		3.86	25.8	2.21	8.05	0.09	0.05	0.04	0.031	0.08	16.3	9.5	0.32	1060	1.43
7400x5150		3.41	29.5	3.60	9.44	0.11	0.11	0.06	0.046	0.09	11.9	16.4	0.29	241	1.79
7400x5250		2.18	15.6	2.69	5.07	0.10	0.11	0.05	0.028	0.04	11.0	8.4	0.21	198	0.85
7400x5350		1.86	11.5	2.08	4.38	0.10	0.08	0.03	0.019	0.04	10.4	6.1	0.21	179	0.65
7400x5450		2.25	13.5	1.74	6.18	0.09	0.02	0.04	0.020	0.05	12.3	7.9	0.14	336	0.74
7400x5550		1.23	14.0	1.84	4.35	0.08	0.03	0.04	0.016	0.04	10.0	4.6	0.15	136	1.47
7400x5650		1.15	7.3	1.03	7.14	0.08	0.07	0.04	0.014	0.03	10.2	4.4	0.06	87	0.99
7400x5750		1.50	10.6	1.33	4.52	0.09	0.05	0.02	0.017	0.04	13.6	6.8	0.19	158	0.73
7400x5850		0.32	23.6	4.52	3.59	0.12	0.28	0.17	0.009	0.05	14.0	7.7	0.20	>50000	203
7500x5050		1.37	6.4	1.50	5.79	0.09	0.03	0.03	0.018	0.03	9.7	8.5	0.09	98	0.75
7500x5150		1.45	8.9	2.53	5.51	0.09	0.10	0.05	0.019	0.03	9.6	5.9	0.16	171	0.82
7500x5250		1.24	9.3	1.32	4.52	0.09	0.08	0.01	0.016	0.03	10.5	3.9	0.16	266	0.65
7500x5350		2.59	10.9	3.13	8.69	0.10	0.11	0.02	0.031	0.06	10.6	9.5	0.21	199	1.55

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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	
7500x5450		2.54	9.7	1.79	5.28	0.09	0.05	0.02	0.018	0.08	10.7	5.9	0.26	203	0.68
7500x5550		1.47	5.0	1.22	3.95	0.09	0.05	0.01	0.013	0.04	12.6	4.8	0.15	191	0.52
7500x5650		1.28	8.8	2.00	5.98	0.09	0.02	0.05	0.017	0.04	17.4	5.1	0.11	115	0.78
7500x5750		1.58	6.6	1.14	3.84	0.08	0.04	0.02	0.016	0.04	12.0	5.5	0.20	182	0.49
7500x5850		2.47	12.8	1.88	5.67	0.09	0.04	0.03	0.028	0.06	17.6	9.6	0.29	543	1.11
7600x5050		2.32	19.7	2.96	6.75	0.10	0.08	0.09	0.030	0.05	11.2	9.5	0.20	180	1.06
7600x5150		1.72	13.3	2.65	5.62	0.10	0.15	0.02	0.023	0.06	14.9	8.4	0.27	260	0.63
7600x5250		2.25	31.1	1.55	4.31	0.11	0.05	0.06	0.020	0.06	24.7	6.2	0.29	713	1.75
7600x5350		1.61	13.3	2.13	5.85	0.09	0.08	0.02	0.018	0.04	9.6	4.3	0.10	348	0.87
7600x5450		1.81	9.0	1.51	4.83	0.10	0.08	0.03	0.019	0.04	12.1	5.0	0.14	144	0.56
7600x5550		1.78	10.5	2.14	6.11	0.09	0.05	0.07	0.025	0.04	10.5	7.0	0.13	220	0.94
7600x5650		1.25	8.6	1.75	4.76	0.09	0.02	0.04	0.014	0.04	12.7	4.9	0.12	237	0.72
7600x5750		1.70	16.6	1.44	7.85	0.10	<0.02	0.04	0.017	0.04	13.4	10.7	0.14	145	0.79
7600x5850		4.04	26.4	3.81	13.2	0.14	0.02	0.11	0.046	0.13	37.5	18.6	0.44	1980	3.99
7700x5050		1.44	14.6	1.81	3.67	0.09	<0.02	0.02	0.015	0.04	11.6	5.9	0.19	220	0.89
7700x5150		1.80	11.0	2.17	4.91	0.09	0.11	0.04	0.019	0.04	8.7	7.2	0.16	163	0.70
7700x5250		1.27	7.1	1.38	3.32	0.10	<0.02	0.03	0.013	0.04	15.3	5.0	0.16	308	0.67
7700x5300		0.97	9420	3.32	4.50	0.09	0.21	1.14	0.052	0.23	6.8	7.0	0.84	406	572
7700x5350		1.20	6.3	1.05	3.56	0.09	0.03	0.01	0.013	0.03	11.4	5.6	0.15	154	0.67
7700x5450		2.73	15.9	3.15	8.42	0.11	0.11	0.04	0.034	0.06	9.8	12.9	0.31	403	1.03
7700x5550		2.29	11.2	2.83	7.85	0.11	0.09	0.05	0.028	0.06	9.2	10.3	0.26	375	0.74
7700x5650		3.51	20.9	2.38	8.78	0.09	<0.02	0.06	0.028	0.09	13.9	15.4	0.27	1620	2.10
7700x5750		1.53	5.7	1.78	4.25	0.09	0.03	0.06	0.014	0.04	11.4	5.1	0.11	128	0.64
7700x5850		1.97	9.8	1.58	4.14	0.09	<0.02	0.04	0.017	0.06	12.7	7.8	0.30	634	0.67
7800x5050		1.65	11.5	1.15	4.19	0.10	<0.02	0.04	0.015	0.04	23.9	4.4	0.15	229	0.58
7800x5150		6.44	27.7	3.58	13.1	0.10	<0.02	0.08	0.044	0.13	23.6	24.6	0.44	1950	1.92
7800x5250		1.55	11.3	2.31	4.91	0.10	0.12	0.04	0.020	0.04	8.9	6.3	0.17	183	0.74
7800x5350		2.03	12.9	1.74	4.92	0.11	<0.02	0.03	0.020	0.05	16.1	8.2	0.25	404	1.03
7800x5450		1.63	20.3	1.32	5.97	0.09	<0.02	0.08	0.015	0.06	9.9	9.8	0.15	652	1.80
7800x5550		1.32	10.9	0.86	4.84	0.08	<0.02	0.02	0.010	0.04	8.7	2.5	0.08	121	0.44
7800x5650		1.03	7.7	2.06	2.90	0.10	0.10	0.03	0.012	0.03	9.3	3.4	0.16	169	0.49
7800x5750		1.65	10.9	1.39	6.28	0.09	<0.02	0.04	0.020	0.06	17.9	10.2	0.20	526	1.19

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
7800x5850	1.34	7.3	1.89	3.41	0.09	0.04	0.04	0.016	0.03	8.0	5.5	0.13	147	0.64
7900x5050	2.85	14.5	2.88	7.10	0.11	0.09	0.05	0.027	0.05	10.3	12.4	0.25	333	0.94
7900x5150	6.29	26.8	4.65	18.9	0.12	0.04	0.09	0.059	0.18	22.6	30.9	0.49	1870	2.31
7900x5250	6.33	17.9	3.01	10.7	0.11	<0.02	0.07	0.036	0.12	21.1	18.5	0.38	2140	1.62
7900x5350	1.69	10.7	3.40	6.65	0.11	0.10	0.08	0.023	0.03	8.1	8.1	0.18	168	0.94
7900x5450	2.04	6.0	1.25	2.99	0.11	0.04	0.01	0.012	0.03	9.3	7.1	0.21	147	0.32
7900x5550	2.54	24.6	1.24	6.07	0.09	0.02	0.07	0.021	0.06	16.8	18.1	0.21	198	1.22
7900x5650	1.52	8.7	2.36	4.61	0.11	0.10	0.04	0.018	0.03	8.8	7.0	0.15	161	0.68
7900x5750	1.58	11.4	1.58	3.74	0.09	<0.02	0.04	0.016	0.04	14.2	8.1	0.21	413	1.08
7900x5850	1.23	7.1	1.74	5.17	0.08	<0.02	0.04	0.015	0.03	7.9	5.3	0.07	110	0.68
7900x5900	0.37	22.2	2.04	4.36	0.10	0.29	0.04	0.019	0.09	6.3	6.5	0.56	359	3.19
8000x5050	3.03	14.3	1.75	4.53	0.08	0.06	0.02	0.019	0.05	14.1	7.8	0.22	608	0.58
8000x5150	1.39	8.2	1.04	4.81	0.07	0.06	0.02	0.011	0.04	11.3	2.4	0.08	133	0.55
8000x5250	3.89	12.0	2.16	4.83	0.09	0.10	0.03	0.019	0.08	12.4	6.4	0.21	211	0.99
8000x5350	1.18	14.3	2.81	11.8	0.09	0.09	0.06	0.023	0.05	12.8	6.3	0.15	206	1.14
8000x5450	1.77	8.8	2.33	6.30	0.10	0.06	0.03	0.018	0.04	9.8	6.2	0.13	176	0.82
8000x5550	1.40	6.9	1.40	4.39	0.09	0.05	0.02	0.013	0.03	9.2	4.1	0.18	143	0.47
8000x5650	1.55	27.8	1.43	5.13	0.08	0.07	0.04	0.015	0.05	10.7	12.0	0.31	236	1.07
8000x5750	0.88	4.6	1.35	5.42	0.09	0.03	0.08	0.012	0.02	8.9	3.7	0.05	76	0.63
8000x5850	0.42	172	0.77	5.88	0.09	0.04	0.03	0.010	0.02	9.5	4.8	0.05	70	0.58
8100x5050	0.63	11.8	1.01	3.13	0.09	0.03	0.02	0.008	0.03	11.8	1.4	0.06	110	0.64
8100x5150	2.80	168	1.46	5.03	0.07	0.03	0.02	0.016	0.04	10.8	10.2	0.22	187	0.63
8100x5250	2.08	12.6	1.66	4.30	0.09	0.05	0.02	0.013	0.04	10.9	5.2	0.12	146	0.58
8100x5350	1.16	6.1	2.43	6.93	0.10	0.07	0.04	0.018	0.03	9.5	4.7	0.09	135	0.77
8100x5450	1.13	6.8	2.34	6.77	0.09	0.05	0.04	0.015	0.02	8.7	4.4	0.08	155	0.76
8100x5550	1.03	4.2	1.17	5.58	0.10	0.04	0.03	0.009	0.03	10.8	2.1	0.07	133	0.47
8100x5650	1.57	4.6	0.89	3.82	0.09	0.03	0.03	0.010	0.03	10.4	10.9	0.10	97	0.40
8100x5750	1.08	5.8	2.90	8.26	0.10	0.07	0.05	0.023	0.03	8.8	5.8	0.08	113	0.95
8100x5850	1.02	5.6	1.10	3.81	0.08	0.04	0.03	0.012	0.04	11.4	6.8	0.19	341	0.36
8200x5050	2.10	7.8	2.57	6.95	0.09	0.05	0.06	0.019	0.04	9.3	9.2	0.11	125	1.25
8200x5150	1.46	6.7	2.63	6.64	0.10	0.07	0.03	0.015	0.03	9.3	4.5	0.11	132	1.01
8200x5250	1.91	6.8	2.17	6.15	0.09	0.04	0.04	0.014	0.03	9.5	5.9	0.09	130	0.80

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
8200x5350		2.32	14.5	2.59	4.84	0.10	0.13	0.04	0.020	0.04	11.0	7.6	0.19	201	0.71
8200x5450		2.02	9.7	2.54	5.06	0.10	0.15	0.04	0.019	0.03	11.0	7.0	0.16	176	0.69
8200x5550		1.12	3.6	0.93	3.75	0.09	0.03	0.01	0.008	0.03	10.9	2.5	0.07	99	0.36
8200x5600		0.89	9800	3.49	4.15	0.09	0.20	1.15	0.060	0.20	7.4	7.2	0.85	419	574
8200x5650		2.12	10.1	2.94	9.05	0.09	0.05	0.07	0.030	0.05	9.4	9.9	0.18	322	1.01
8200x5750		6.44	25.8	2.57	9.07	0.14	0.06	0.08	0.038	0.15	48.8	21.1	0.42	1530	1.22
8200x5850		4.75	25.5	2.66	8.01	0.12	0.05	0.07	0.039	0.16	31.8	20.4	0.35	806	0.66
8300x5050		1.44	6.3	1.34	3.82	0.08	0.03	0.02	0.011	0.04	11.0	3.2	0.08	100	0.59
8300x5150		1.75	7.3	2.18	4.18	0.09	0.08	0.04	0.015	0.03	8.8	5.1	0.12	167	0.66
8300x5250		0.69	3.7	1.47	4.23	0.10	0.02	0.02	0.008	0.03	9.2	0.8	0.06	124	0.56
8300x5350		1.26	4.0	1.64	4.98	0.09	0.05	0.02	0.010	0.04	9.3	2.8	0.06	157	0.58
8300x5450		2.87	6.0	2.19	6.80	0.10	0.03	0.04	0.017	0.03	9.2	6.9	0.09	762	0.78
8300x5550		1.74	9.1	2.67	8.21	0.10	0.07	0.04	0.018	0.04	11.1	5.9	0.13	156	1.03
8300x5650		1.85	4.8	1.92	8.62	0.10	0.05	0.04	0.014	0.03	11.8	4.2	0.07	117	0.98
8300x5750		4.37	11.2	1.43	5.78	0.11	0.03	0.06	0.020	0.08	21.8	12.2	0.17	479	0.65
8300x5850		6.55	34.9	2.17	7.76	0.22	0.14	0.12	0.032	0.13	80.3	15.4	0.30	935	1.19
9200x3850		2.62	8.5	2.63	6.00	0.09	0.04	0.03	0.020	0.04	9.7	10.9	0.16	158	1.03
9200x3950		6.52	7.4	1.72	4.41	0.08	0.02	0.03	0.013	0.06	9.6	5.8	0.15	149	0.62
9200x4050		13.6	7.1	2.07	5.83	0.08	0.04	0.06	0.021	0.06	12.1	8.0	0.21	727	0.52
9200x4150		2.48	5.3	1.98	6.32	0.10	0.05	0.04	0.018	0.03	9.3	7.2	0.12	197	0.67
9200x4250		6.09	9.7	2.88	8.15	0.10	0.04	0.09	0.030	0.04	11.2	14.3	0.20	238	1.08
9200x4350		3.17	7.9	2.73	9.26	0.10	0.06	0.08	0.025	0.04	10.5	11.1	0.14	139	0.95
9200x4450		5.05	6.1	0.79	5.07	0.09	<0.02	0.01	0.006	0.04	12.0	1.3	0.05	72	0.63
9200x4550		19.0	25.1	1.98	6.85	0.24	0.11	0.29	0.029	0.12	71.0	12.3	0.28	1440	1.33
9200x4650		1.30	4.7	1.44	4.91	0.07	0.05	0.01	0.008	0.04	8.5	1.3	0.06	94	0.85
9200x4750		1.14	5.0	1.95	6.33	0.10	0.07	0.04	0.014	0.03	10.2	3.9	0.07	104	0.79
9200x4850		3.11	6.1	2.27	5.44	0.11	0.08	0.05	0.021	0.04	10.8	11.5	0.16	231	0.80
9200x4950		3.12	7.1	2.33	5.23	0.12	0.11	0.04	0.022	0.04	11.4	10.1	0.17	169	0.94
9200x5000		0.39	22.5	2.08	4.78	0.14	0.33	0.04	0.021	0.09	5.9	10.0	0.56	350	3.48
9200x5050		1.01	10.4	0.79	3.18	0.09	0.03	0.02	0.007	0.05	12.8	1.2	0.03	66	0.79
9200x5150		15.5	26.2	2.34	9.26	0.34	0.09	0.08	0.039	0.15	134	40.2	0.31	1420	2.64
9200x5250		2.50	19.2	2.82	9.11	0.11	0.06	0.05	0.030	0.07	11.8	20.0	0.50	314	3.13

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
9200x5350	1.02	3.4	0.52	5.31	0.10	<0.02	0.02	0.007	0.03	9.0	1.5	0.05	68	0.46
9300x3800	4.19	9.5	2.30	7.08	0.12	<0.02	0.03	0.028	0.08	10.2	18.1	0.27	1740	1.40
9300x3850	2.20	8.3	2.68	4.42	0.12	0.14	0.04	0.021	0.04	9.4	9.9	0.20	208	0.83
9300x3950	11.0	4.7	1.64	6.44	0.11	0.03	0.03	0.018	0.07	13.9	8.4	0.13	173	0.73
9300x4050	8.82	12.1	3.15	8.59	0.12	0.07	0.08	0.032	0.05	11.9	22.6	0.24	226	1.19
9300x4150	2.98	7.3	1.67	5.32	0.12	0.04	0.01	0.016	0.03	11.8	9.7	0.21	424	0.55
9300x4250	2.07	5.3	1.81	7.50	0.11	0.08	0.01	0.015	0.03	9.8	4.7	0.11	127	0.58
9300x4350	7.13	8.1	1.70	5.04	0.11	0.05	0.03	0.019	0.04	11.0	10.7	0.20	163	0.56
9300x4450	3.88	9.4	2.57	7.52	0.12	0.06	0.03	0.024	0.04	12.8	11.6	0.19	176	0.83
9300x4550	9.33	15.9	2.74	9.77	0.13	0.03	0.04	0.039	0.13	23.9	33.6	0.39	773	1.04
9300x4650	24.2	32.9	3.59	12.2	0.26	0.08	0.13	0.057	0.17	77.2	77.3	0.44	2670	4.35
9300x4750	3.55	9.9	2.70	6.66	0.12	0.08	0.05	0.027	0.04	11.7	13.9	0.23	183	1.06
9300x4850	3.01	9.5	2.28	8.21	0.12	0.04	0.07	0.023	0.04	11.7	14.4	0.12	159	1.32
9300x4950	2.36	5.0	1.23	4.58	0.11	0.05	0.03	0.014	0.04	15.5	9.6	0.17	214	0.72
9300x5050	24.3	22.4	1.66	6.37	0.49	0.07	0.07	0.021	0.07	172	34.9	0.17	872	0.90
9300x5150	6.67	5.6	1.81	7.29	0.12	0.08	0.05	0.018	0.05	12.4	10.6	0.09	222	1.11
9300x5250	8.55	18.4	2.58	6.06	0.22	0.04	0.07	0.026	0.08	56.1	23.7	0.25	718	2.58
9300x5350	1.82	4.4	1.09	4.14	0.10	0.04	0.02	0.013	0.04	11.9	12.0	0.16	125	0.82
9300x5450	1.43	5.5	1.39	4.42	0.11	0.05	0.03	0.016	0.04	10.2	6.1	0.14	119	0.66
9400x3850	20.1	32.3	3.08	9.14	0.12	0.02	0.05	0.043	0.10	16.0	43.2	0.38	3400	1.95
9400x3950	4.68	9.1	2.39	8.01	0.11	0.03	0.05	0.026	0.05	12.9	15.4	0.13	184	1.19
9400x4000	0.44	22.6	2.20	5.03	0.12	0.33	0.04	0.021	0.08	5.9	11.4	0.58	354	3.63
9400x4050	8.06	7.2	1.99	4.62	0.11	0.05	0.02	0.017	0.05	12.8	13.0	0.15	285	1.11
9400x4150	10.2	10.0	2.77	5.63	0.12	0.08	0.07	0.023	0.06	9.6	13.4	0.22	312	0.75
9400x4250	3.27	9.2	2.91	7.12	0.13	0.07	0.04	0.027	0.04	10.8	13.3	0.22	205	0.87
9400x4350	25.1	19.0	2.74	8.06	0.16	0.03	0.05	0.034	0.10	29.8	24.2	0.38	806	1.15
9400x4450	3.41	11.1	3.94	11.1	0.13	0.05	0.05	0.031	0.05	12.6	19.1	0.21	264	1.21
9400x4550	7.06	15.5	1.98	5.77	0.13	0.07	0.04	0.025	0.08	23.2	18.2	0.36	491	1.12
9400x4650	2.14	6.1	1.86	7.46	0.11	0.03	0.03	0.017	0.03	9.6	10.6	0.08	97	0.79
9400x4750	3.11	9.6	2.54	6.82	0.12	0.02	0.06	0.024	0.04	9.8	17.6	0.15	155	1.48
9400x4850	13.9	22.9	2.23	5.99	0.14	0.05	0.04	0.022	0.08	19.0	31.4	0.32	590	1.23
9400x4950	11.8	9.6	1.96	5.49	0.12	0.04	0.02	0.017	0.04	16.1	25.0	0.16	185	0.77

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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MISSISSAUGA, ONTARIO
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
9400x5050	5.02	10.2	2.27	5.52	0.11	0.04	0.04	0.018	0.04	10.1	9.5	0.15	197	0.86
9400x5150	33.1	28.4	2.02	9.98	0.68	0.11	0.16	0.037	0.20	264	72.2	0.33	3030	2.06
9400x5250	9.55	25.5	2.59	9.61	0.17	0.03	0.05	0.036	0.13	50.7	36.5	0.29	1580	2.15
9400x5350	16.3	32.4	1.79	5.45	0.19	0.05	0.12	0.024	0.10	53.7	31.2	0.22	743	1.93
9400x5450	2.12	43.5	0.87	4.01	0.10	0.08	0.07	0.014	0.06	19.3	10.9	0.25	253	4.01
9500x4050	4.61	8.0	2.18	4.95	0.09	0.17	0.03	0.019	0.06	12.9	8.5	0.18	216	0.71
9500x4150	2.44	4.4	1.40	5.83	0.09	0.06	0.02	0.011	0.04	10.4	4.9	0.06	104	0.86
9500x4250	4.54	8.8	2.65	9.06	0.10	0.03	0.03	0.024	0.05	9.0	17.5	0.20	155	0.91
9500x4350	4.73	8.9	2.21	6.48	0.10	0.10	0.04	0.022	0.06	12.3	10.4	0.22	201	0.83
9500x4450	3.63	10.6	1.70	6.43	0.08	0.08	0.02	0.017	0.06	12.2	7.6	0.20	208	0.88
9500x4550	2.55	7.5	1.49	3.56	0.10	0.08	<0.01	0.015	0.06	17.0	7.8	0.20	263	0.45
9500x4650	14.5	11.7	2.88	9.44	0.11	0.07	0.03	0.036	0.09	18.9	24.2	0.34	1290	1.22
9500x4750	3.92	5.7	1.22	3.95	0.09	0.05	0.01	0.013	0.04	11.2	13.1	0.17	185	0.60
9500x4850	4.19	9.2	2.44	7.22	0.10	0.07	0.06	0.026	0.07	10.5	14.1	0.20	224	1.08
9500x4950	3.31	6.3	1.81	7.14	0.10	0.06	0.02	0.017	0.06	12.2	10.1	0.14	141	0.65
9500x5050	22.5	9.4	1.75	11.0	0.10	0.02	0.09	0.022	0.12	16.8	17.7	0.19	769	1.22
9500x5100	1.27	9780	3.31	5.00	0.10	0.24	1.12	0.060	0.24	7.7	11.1	0.84	440	637
9500x5150	5.79	8.7	2.10	7.01	0.10	0.05	0.05	0.018	0.07	12.1	9.6	0.14	185	5.04
9500x5250	9.68	6.7	1.41	5.10	0.12	0.05	0.04	0.016	0.09	36.1	38.0	0.15	499	1.55
9500x5350	4.69	7.5	2.02	4.62	0.10	0.06	0.02	0.018	0.06	15.9	15.7	0.21	390	1.19
9600x4050	3.89	4.5	1.67	6.76	0.09	0.04	0.01	0.016	0.11	10.9	16.3	0.15	424	0.82
9600x4150	7.86	6.5	2.02	5.93	0.10	0.07	0.02	0.017	0.07	11.6	12.8	0.19	269	0.87
9600x4250	7.55	9.4	2.11	8.42	0.11	0.03	0.07	0.023	0.06	11.9	14.7	0.18	515	0.99
9600x4350	7.50	8.0	2.00	6.34	0.10	0.04	0.02	0.021	0.08	11.9	18.5	0.21	230	0.63
9600x4450	2.63	6.5	1.99	9.31	0.09	0.05	0.03	0.013	0.09	9.8	7.4	0.32	194	0.74
9600x4550	6.91	10.8	2.63	8.29	0.12	0.06	0.07	0.027	0.06	11.8	15.4	0.20	361	1.30
9600x4650	4.42	10.3	1.43	5.02	0.10	0.07	0.01	0.014	0.05	12.2	10.2	0.14	134	0.75
9600x4750	2.43	5.3	1.67	6.51	0.10	0.06	0.02	0.015	0.04	10.0	9.3	0.12	137	0.75
9600x4850	2.89	4.2	1.31	4.93	0.11	0.05	0.01	0.010	0.04	9.8	4.4	0.07	94	0.84
9600x4950	3.60	7.2	1.87	5.40	0.10	0.04	0.04	0.014	0.05	9.5	7.6	0.13	171	0.91
9600x5050	12.2	4.8	1.46	7.19	0.10	0.02	0.04	0.015	0.06	11.6	13.6	0.11	319	0.72
9600x5150	6.15	11.8	1.24	7.06	0.11	<0.02	0.05	0.015	0.08	11.8	29.1	0.21	576	0.76

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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CLIENT NAME: UTM EXPLORATION SERVICES

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

DATE SAMPLED: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
9600x5250	3.70	8.2	1.60	4.43	0.10	0.04	<0.01	0.010	0.05	10.2	4.7	0.09	118	1.20
9600x5350	2.74	4.7	0.86	3.77	0.11	<0.02	<0.01	0.007	0.05	9.9	0.9	0.03	74	0.87
9600x5450	2.54	4.3	1.38	5.47	0.11	0.05	0.04	0.011	0.04	9.4	5.3	0.06	108	1.00
9700x4050	3.36	14.8	1.33	4.82	0.16	0.03	0.04	0.014	0.06	26.1	10.1	0.11	652	1.37
9700x4150	4.12	5.8	1.32	4.70	0.11	0.04	0.01	0.010	0.05	12.3	2.5	0.07	119	1.11
9700x4250	3.57	12.0	2.79	7.43	0.13	0.11	0.05	0.028	0.04	10.0	16.6	0.20	222	1.05
9700x4350	1.98	6.7	2.01	7.55	0.12	0.05	0.02	0.014	0.03	9.8	5.4	0.09	161	0.76
9700x4400	0.38	20.9	1.98	4.90	0.09	0.34	0.03	0.019	0.09	5.7	10.4	0.55	329	3.46
9700x4450	3.25	14.5	2.50	5.36	0.12	0.12	0.03	0.023	0.05	14.0	10.0	0.30	273	0.75
9700x4550	2.40	7.3	2.15	6.16	0.11	0.04	0.04	0.018	0.03	9.9	8.4	0.12	217	1.33
9700x4650	7.22	6.6	2.29	7.12	0.11	0.03	0.07	0.023	0.06	11.7	18.4	0.17	139	1.86
9700x4750	4.63	9.1	1.91	6.62	0.10	0.06	0.04	0.019	0.06	12.3	16.4	0.24	228	0.64
9700x4850	7.80	6.2	1.11	10.6	0.12	<0.02	0.09	0.015	0.12	21.4	5.8	0.12	267	0.92
9700x4950	2.08	7.4	1.86	6.18	0.10	0.07	0.01	0.016	0.05	11.1	11.7	0.20	275	0.61
9700x5050	7.61	9.5	2.25	6.92	0.13	0.08	0.02	0.023	0.05	14.8	15.5	0.25	218	1.03
9700x5150	7.90	34.3	1.74	4.54	0.51	0.10	0.33	0.021	0.05	149	19.1	0.20	799	0.80
9700x5250	5.90	7.5	2.05	6.50	0.12	0.06	0.02	0.017	0.06	12.1	13.3	0.18	162	1.59
9700x5350	5.44	11.2	0.70	4.86	0.10	<0.02	0.07	0.009	0.11	10.1	1.2	0.05	399	1.43
9700x5450	4.90	3.6	0.91	4.82	0.10	<0.02	0.01	0.007	0.05	10.4	3.7	0.06	89	0.67
9700x5550	4.19	9.7	1.37	5.61	0.11	0.02	0.02	0.010	0.05	10.6	4.7	0.07	99	2.38
9700x5650	1.72	5.9	1.85	4.73	0.13	0.04	0.05	0.019	0.04	11.3	9.4	0.18	137	0.67
9700x5750	1.50	7.9	1.64	3.56	0.13	0.14	0.02	0.014	0.04	11.8	6.7	0.17	175	0.54
9800x4050	2.35	8.8	1.11	4.29	0.10	0.03	0.04	0.010	0.04	9.0	5.8	0.07	112	1.46
9800x4150	2.50	6.2	2.16	5.75	0.11	0.03	0.04	0.018	0.04	10.7	10.9	0.14	238	0.95
9800x4250	9.32	9.0	1.80	6.65	0.11	0.05	0.04	0.018	0.05	12.2	12.7	0.13	232	0.72
9800x4350	3.43	9.6	2.76	8.76	0.12	0.05	0.04	0.025	0.04	11.0	16.8	0.17	171	0.98
9800x4450	10.2	8.5	1.89	5.65	0.11	0.02	0.02	0.016	0.09	15.6	14.7	0.20	241	0.85
9800x4550	3.41	9.1	2.59	8.61	0.11	0.02	0.05	0.026	0.05	11.6	19.3	0.18	352	1.07
9800x4650	5.37	7.3	1.72	5.99	0.11	0.04	0.02	0.019	0.05	13.3	20.7	0.21	450	1.08
9800x4750	5.08	5.1	1.41	8.62	0.11	0.05	0.04	0.022	0.05	13.2	21.1	0.13	185	1.08
9800x4850	6.34	8.2	1.49	7.65	0.11	0.02	0.03	0.016	0.07	13.5	16.3	0.17	260	1.31
9800x4950	4.95	12.6	1.43	6.38	0.10	0.03	0.02	0.016	0.05	12.0	11.5	0.21	182	0.88

Certified By:

Ron Cardinal



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
9800x5000	0.98	9840	3.33	4.87	0.11	0.23	1.12	0.059	0.23	7.3	11.0	0.84	437	653
9800x5050	4.93	11.8	2.19	6.47	0.11	0.04	0.05	0.020	0.05	12.4	11.9	0.14	146	4.83
9800x5150	12.6	37.2	1.89	9.15	0.11	0.04	0.04	0.019	0.09	10.7	17.5	0.22	225	1.44
9800x5250	11.1	10.1	1.56	6.48	0.12	0.02	0.02	0.018	0.07	17.3	18.5	0.21	234	0.68
9800x5350	20.4	8.0	1.08	7.01	0.11	<0.02	0.06	0.013	0.10	20.3	4.9	0.08	139	1.40
9800x5450	3.90	6.4	1.25	5.08	0.11	0.03	0.02	0.009	0.05	10.4	1.6	0.05	128	1.28
9800x5550	9.33	9.6	2.68	7.64	0.11	0.04	0.05	0.020	0.06	11.0	14.6	0.14	154	1.39
9800x5650	2.70	21.1	1.03	5.18	0.45	0.07	0.22	0.018	0.06	173	7.5	0.07	402	6.74
9800x5750	1.87	5.2	2.05	5.47	0.11	0.08	0.04	0.017	0.04	10.4	11.3	0.12	145	0.82
9900x4050	19.4	10.0	1.55	5.36	0.13	0.04	0.05	0.017	0.09	20.5	22.4	0.21	281	0.65
9900x4150	4.22	6.6	2.27	6.61	0.12	0.05	0.03	0.021	0.05	11.1	15.0	0.16	226	0.88
9900x4250	7.49	5.9	1.62	6.55	0.11	0.06	0.03	0.015	0.05	12.7	14.6	0.12	179	0.76
9900x4350	3.88	10.2	2.51	7.26	0.11	0.05	0.04	0.022	0.05	9.3	13.8	0.19	162	0.99
9900x4450	11.1	7.8	2.18	8.01	0.11	0.09	0.05	0.023	0.06	11.5	17.7	0.20	187	1.04
9900x4550	4.62	10.3	2.88	8.32	0.12	0.03	0.04	0.027	0.06	11.8	21.5	0.21	177	1.06
9900x4650	3.50	9.2	2.54	8.21	0.12	0.05	0.03	0.024	0.06	13.3	18.4	0.23	219	0.90
9900x4750	5.97	10.1	1.97	8.31	0.10	0.05	0.03	0.022	0.07	13.7	18.6	0.26	195	0.84
9900x4850	9.12	6.5	1.70	4.62	0.10	0.04	0.02	0.017	0.05	12.4	10.8	0.24	230	0.45
9900x4950	2.86	7.0	2.01	6.78	0.09	0.05	0.02	0.016	0.04	10.7	12.5	0.19	167	1.01
9900x5050	5.59	7.7	2.29	7.21	0.11	0.08	0.05	0.024	0.05	10.8	13.6	0.17	172	1.21
9900x5150	2.27	6.7	2.28	9.08	0.11	0.07	0.02	0.013	0.04	9.3	4.0	0.12	132	3.04
9900x5250	7.69	6.9	2.15	8.75	0.12	0.04	0.06	0.019	0.07	17.1	14.6	0.18	223	0.95
9900x5350	4.89	5.7	1.32	5.21	0.10	0.04	0.02	0.010	0.04	9.7	6.0	0.09	101	1.46
9900x5450	4.32	18.9	0.49	2.44	0.07	0.02	0.07	0.010	0.06	15.9	1.0	0.03	69	2.03
9900x5550	3.42	4.5	0.62	3.86	0.08	<0.02	0.04	0.006	0.06	11.3	1.8	0.04	88	2.12
9900x5600	0.37	22.5	1.97	4.84	0.12	0.33	0.04	0.018	0.08	5.4	11.0	0.55	354	3.60
9900x5650	4.16	3.5	1.03	2.91	0.08	0.05	0.01	0.009	0.05	13.9	10.5	0.11	128	1.08
9900x5750	24.9	20.9	2.10	8.62	0.27	0.23	0.40	0.034	0.15	77.0	47.6	0.23	625	10.8
0000x4050	2.05	4.1	1.52	5.11	0.10	0.02	0.03	0.012	0.04	10.5	10.3	0.10	111	0.91
0000x4150	5.10	7.6	2.03	5.50	0.10	0.04	0.03	0.017	0.05	9.6	12.7	0.15	267	1.03
0000x4250	2.43	7.7	2.02	4.54	0.10	0.05	0.02	0.016	0.04	9.7	10.0	0.16	233	0.68
0000x4350	9.46	9.7	1.15	5.21	0.10	0.02	0.03	0.011	0.05	13.8	6.6	0.08	683	0.68

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
0000x4450	6.69	7.6	2.28	8.03	0.10	0.03	0.05	0.021	0.05	11.1	17.0	0.15	141	0.95
0000x4550	4.30	9.7	2.90	9.33	0.10	0.03	0.10	0.028	0.05	8.4	27.6	0.21	164	1.28
0000x4650	4.21	10.7	2.39	8.47	0.11	0.06	0.07	0.025	0.05	13.2	19.1	0.24	207	1.12
0000x4750	7.18	8.9	1.45	6.88	0.09	0.03	0.03	0.015	0.06	13.9	14.3	0.18	144	0.78
0000x4850	5.98	7.8	1.53	4.47	0.08	0.06	0.02	0.015	0.04	12.5	8.9	0.21	462	0.49
0000x4950	3.16	10.7	1.63	6.10	0.08	0.05	0.07	0.018	0.04	10.0	9.5	0.11	110	0.94
0000x5050	9.42	9.3	1.32	7.13	0.08	0.03	0.05	0.017	0.06	14.0	10.9	0.14	144	0.89
0000x5150	3.21	16.5	2.40	6.69	0.10	0.04	0.04	0.018	0.05	11.6	7.9	0.13	148	1.59
0000x5250	3.89	10.0	1.86	6.53	0.10	0.03	0.02	0.013	0.07	13.1	5.6	0.13	139	1.01
0000x5350	23.3	9.2	1.90	7.60	0.09	0.08	0.04	0.020	0.08	14.7	37.6	0.21	221	3.47
0000x5450	7.66	4.8	0.80	3.66	0.07	<0.02	0.02	0.008	0.07	11.3	2.7	0.05	76	0.70
0000x5550	2.99	6.5	0.99	3.81	0.09	0.03	<0.01	0.007	0.04	10.3	1.4	0.05	76	0.91
0000x5650	1.75	7.0	1.39	4.37	0.09	<0.02	0.02	0.007	0.04	9.4	0.9	0.06	96	1.19
0000x5750	2.81	7.7	1.12	3.93	0.09	0.03	0.02	0.010	0.04	12.7	5.1	0.07	101	1.35
0000x6750	4.79	8.4	2.05	5.60	0.09	0.02	0.02	0.021	0.08	11.8	14.3	0.20	967	0.94
0000x6850	4.70	9.8	2.21	8.84	0.09	0.04	0.05	0.018	0.05	8.7	12.4	0.14	240	0.96
0000x6950	1.78	8.1	1.62	6.49	0.09	0.03	0.03	0.013	0.04	8.8	1.8	0.06	82	1.06
0000x7050	1.26	17.6	1.06	4.97	0.08	<0.02	0.03	0.009	0.04	9.0	1.3	0.05	80	1.02
0000x7100	2.40	9690	4.45	6.33	0.13	0.24	0.12	0.089	0.55	9.1	12.9	1.10	628	1150
0000x7150	1.91	13.8	1.91	6.55	0.07	0.03	0.03	0.017	0.04	9.8	7.9	0.16	139	9.33
0000x7250	1.10	17.0	1.48	6.59	0.07	<0.02	0.03	0.014	0.04	7.5	7.5	0.27	161	1.30
0000x7350	4.19	13.6	1.63	7.55	0.07	0.04	0.03	0.017	0.05	10.1	14.6	0.31	189	0.81
0000x7450	2.34	12.6	2.12	6.80	0.10	0.07	0.04	0.016	0.04	10.6	6.5	0.21	154	0.89
0000x7550	2.28	10.7	2.27	7.03	0.09	0.05	0.07	0.022	0.03	10.0	12.8	0.16	154	1.33
0000x7650	2.49	6.9	2.28	9.43	0.09	0.05	0.03	0.023	0.03	7.9	13.6	0.20	164	1.71
0000x7750	6.44	34.9	2.51	10.3	0.22	0.08	0.11	0.040	0.13	60.4	27.4	0.42	1420	2.46
0000x7850	2.44	14.7	2.58	6.29	0.09	0.05	0.03	0.027	0.06	13.1	17.3	0.39	290	0.77
0000x7950	1.17	6.2	1.73	5.00	0.10	0.03	0.04	0.017	0.03	8.8	7.3	0.10	117	0.70
0000x8050	0.84	4.0	0.83	5.99	0.09	0.02	0.02	0.010	0.03	10.2	2.3	0.06	83	0.43
0000x8150	1.27	5.5	1.84	7.64	0.09	0.03	0.04	0.015	0.04	8.6	7.6	0.10	114	0.74
0000x8250	5.59	30.8	2.58	9.83	0.10	0.04	0.07	0.036	0.12	33.2	29.5	0.58	1100	0.88
0000x8350	3.06	23.2	1.70	6.92	0.08	0.02	0.03	0.016	0.05	14.7	18.5	0.18	177	1.24

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011	DATE RECEIVED: Jul 20, 2011					DATE REPORTED: Sep 07, 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	0.005	0.01	0.1	0.1	0.01	1	0.05	
0000x8450		2.64	5.1	1.49	7.08	0.09	0.06	0.07	0.034	0.03	11.9	21.7	0.12	128	1.08
9800x6750		6.21	13.4	2.55	7.67	0.11	<0.02	0.05	0.034	0.06	9.4	21.5	0.23	605	1.42
9800x6850		4.45	12.6	1.56	8.23	0.10	<0.02	0.06	0.021	0.05	9.7	14.7	0.14	192	2.19
9800x6950		6.18	12.0	1.78	6.64	0.08	0.02	0.03	0.022	0.04	13.3	32.0	0.27	351	0.74
9800x7050		2.94	11.3	2.32	8.03	0.09	<0.02	0.01	0.021	0.04	10.9	14.0	0.24	489	1.23
9800x7150		2.65	12.5	2.34	6.02	0.10	0.03	0.05	0.023	0.04	7.8	10.9	0.26	174	1.09
9800x7250		3.07	13.3	2.76	6.48	0.10	0.02	0.05	0.023	0.04	7.3	17.7	0.24	164	1.09
9800x7350		3.83	15.0	2.80	14.4	0.09	0.04	0.08	0.028	0.05	6.8	5.7	0.22	161	1.09
9800x7450		1.72	11.1	2.01	11.6	0.11	0.04	0.03	0.021	0.04	9.6	5.2	0.20	262	1.97
9800x7550		1.40	6.6	2.35	4.96	0.11	0.04	0.07	0.021	0.03	5.9	7.0	0.16	144	0.86
9800x7650		4.54	30.1	6.27	7.00	0.41	0.17	0.31	0.033	0.04	69.0	13.0	0.16	3660	6.00
9800x7700		0.37	22.7	2.00	4.87	0.13	0.31	0.03	0.019	0.08	3.4	7.7	0.56	338	3.44
9800x7750		6.05	30.3	2.59	10.0	0.15	0.07	0.10	0.040	0.13	44.6	43.7	0.44	1680	2.44
9800x7850		1.72	9.5	2.02	6.33	0.08	0.05	0.02	0.018	0.05	9.0	13.7	0.27	232	1.14
9800x7950		1.97	11.8	2.27	6.85	0.09	0.04	0.03	0.022	0.06	10.9	18.2	0.24	191	0.71
9800x8050		1.64	6.5	1.80	6.63	0.10	0.05	0.03	0.016	0.05	10.2	12.7	0.13	138	0.85
9800x8150		1.00	8.1	2.21	7.32	0.11	0.09	0.02	0.015	0.04	9.4	5.0	0.14	175	0.98
9800x8250		2.31	9.4	1.96	7.62	0.11	0.05	0.05	0.015	0.05	9.4	10.2	0.17	188	1.22
9800x8350		2.09	9.0	2.10	7.92	0.11	0.03	0.05	0.020	0.04	10.1	12.9	0.17	167	1.01
9800x8450		2.51	8.5	2.07	7.00	0.10	0.04	0.04	0.016	0.06	10.6	8.1	0.15	149	0.76
9900x6750		10.7	25.0	3.11	9.46	0.10	<0.02	0.03	0.030	0.07	8.7	34.7	0.41	851	1.51
9900x6850		14.7	23.8	2.71	13.5	0.09	<0.02	0.06	0.029	0.07	10.0	41.5	0.53	1140	1.26
9900x6950		3.59	14.4	2.17	6.98	0.09	<0.02	0.06	0.023	0.05	9.0	20.4	0.26	182	1.14
9900x7050		1.33	8.1	1.80	6.54	0.12	0.02	0.04	0.016	0.03	8.9	8.4	0.14	124	0.90
9900x7150		5.51	20.3	2.12	7.32	0.12	0.02	0.03	0.024	0.07	17.5	36.6	0.40	716	1.10
9900x7250		4.03	30.1	2.60	8.81	0.11	0.02	0.06	0.024	0.06	9.9	24.8	0.31	250	2.45
9900x7350		3.19	16.9	2.27	9.64	0.12	0.07	0.08	0.022	0.04	9.5	13.8	0.21	158	0.94
9900x7450		6.35	36.5	1.97	5.74	0.11	0.03	0.05	0.023	0.07	17.6	44.2	0.40	254	2.02
9900x7550		1.16	8.3	1.70	6.33	0.10	0.03	0.04	0.014	0.03	12.6	5.4	0.07	221	1.21
9900x7650		1.61	12.1	1.59	4.26	0.11	0.04	0.02	0.015	0.03	13.6	14.7	0.24	253	0.59
9900x7750		1.76	9.4	2.01	7.28	0.10	0.02	0.04	0.018	0.05	8.9	15.4	0.15	125	0.99
9900x7850		1.03	8.9	1.82	6.11	0.10	<0.02	0.05	0.014	0.05	11.1	9.3	0.14	216	1.42

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
9900x7950	1.75	6.1	1.30	4.16	0.10	0.03	0.01	0.014	0.03	9.1	15.9	0.23	192	0.40
9900x8050	1.74	7.5	1.33	4.21	0.08	0.03	0.01	0.015	0.05	10.8	12.4	0.26	259	0.44
9900x8150	1.40	6.5	1.90	7.74	0.09	0.03	0.04	0.020	0.04	9.0	11.6	0.15	139	0.71
9900x8250	1.05	15.3	1.79	5.48	0.10	0.05	0.04	0.013	0.04	10.7	1.7	0.10	224	1.16
9900x8300	0.92	9980	3.22	3.83	0.08	0.17	1.10	0.057	0.21	7.7	5.4	0.82	419	554
9900x8350	2.39	16.1	1.36	5.34	0.09	0.04	0.03	0.012	0.07	10.9	2.0	0.12	328	2.82
9900x8450	2.94	9.9	2.21	6.15	0.10	0.03	0.03	0.021	0.06	13.8	6.8	0.27	202	0.94
0100x4050	4.63	4.0	1.31	3.55	0.09	0.03	0.02	0.009	0.03	8.6	1.6	0.05	99	0.64
0100x4150	2.87	6.4	1.86	4.95	0.09	0.04	0.03	0.015	0.04	9.9	3.9	0.09	257	0.75
0100x4250	4.17	6.3	2.30	6.35	0.10	0.05	0.03	0.019	0.05	10.6	6.2	0.13	169	0.82
0100x4350	5.02	4.8	0.64	3.70	0.09	<0.02	0.02	0.007	0.07	15.1	0.5	0.04	79	0.43
0100x4450	4.91	5.5	1.14	4.20	0.09	<0.02	0.03	0.008	0.11	13.1	2.0	0.06	451	0.79
0100x4550	4.28	6.2	1.38	6.62	0.10	0.02	0.05	0.014	0.05	11.3	3.8	0.09	93	0.61
0100x4650	4.85	6.7	1.87	5.80	0.10	0.02	0.04	0.018	0.05	11.9	7.1	0.14	139	0.76
0100x4750	5.75	4.6	1.78	6.20	0.10	<0.02	0.05	0.017	0.05	11.0	9.7	0.11	108	0.77
0100x4850	39.3	19.2	1.53	5.24	0.16	0.02	0.12	0.022	0.10	27.9	9.1	0.19	1150	0.71
0100x4950	5.31	9.7	1.47	5.54	0.09	<0.02	0.06	0.016	0.07	13.9	6.8	0.12	279	0.77
0100x5050	5.38	9.7	1.79	5.92	0.09	<0.02	0.04	0.020	0.08	14.8	5.0	0.16	307	0.85
0100x5150	4.96	4.9	0.83	3.74	0.09	0.03	0.02	0.010	0.05	14.1	1.7	0.07	95	0.37
0100x5250	1.78	6.4	0.35	4.28	0.09	<0.02	0.02	0.006	0.05	15.7	0.3	0.04	48	0.50
0100x5350	6.93	9.7	1.88	5.53	0.10	0.04	0.04	0.017	0.07	9.8	5.5	0.15	160	1.11
0100x5450	6.70	30.2	0.67	3.54	0.07	<0.02	0.02	0.006	0.14	8.9	0.5	0.05	203	2.37
0100x5550	6.87	27.0	0.66	3.58	0.07	<0.02	0.02	0.006	0.14	8.7	0.5	0.05	201	2.32
0100x5650	3.99	5.7	1.06	3.48	0.09	0.02	0.02	0.008	0.04	11.0	0.9	0.04	88	0.83
0100x5750	4.32	10.0	1.83	3.74	0.09	0.06	0.01	0.011	0.05	10.0	2.4	0.08	139	1.13
0100x5850	5.36	5.2	1.53	3.52	0.09	<0.02	0.02	0.012	0.05	12.6	5.0	0.11	122	1.74
0100x5950	2.18	7.0	1.22	3.02	0.11	0.04	0.04	0.015	0.06	19.2	3.1	0.19	318	2.65
0100x6050	1.24	3.4	0.60	2.85	0.07	0.02	0.02	0.010	0.03	8.3	1.8	0.07	80	1.33
0100x6150	0.93	4.6	0.89	3.46	0.09	0.05	0.05	0.012	0.03	8.3	3.2	0.08	94	0.59
0100x6200	0.36	22.2	2.01	4.01	0.08	0.30	0.04	0.020	0.09	6.0	5.7	0.56	364	3.26
0100x6750	4.85	16.4	1.63	3.75	0.08	<0.02	0.05	0.015	0.20	14.6	5.9	0.14	1500	1.42
0100x6850	7.04	19.4	3.07	8.54	0.09	<0.02	0.05	0.038	0.06	11.3	18.3	0.23	205	1.41

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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	
0100x6950		3.33	13.8	2.58	7.31	0.10	<0.02	0.04	0.026	0.07	10.1	7.5	0.22	187	1.13
0100x7050		7.29	27.1	2.68	7.55	0.12	<0.02	0.03	0.036	0.14	23.0	15.0	0.53	800	0.99
0100x7150		1.93	10.8	1.77	6.17	0.09	0.03	0.04	0.015	0.06	9.9	3.3	0.13	196	1.06
0100x7250		4.07	16.2	2.77	6.43	0.09	0.02	0.05	0.032	0.05	8.8	19.4	0.36	270	1.43
0100x7350		1.94	10.8	2.17	5.02	0.09	0.03	0.07	0.023	0.05	9.8	7.1	0.15	166	0.94
0100x7450		4.16	19.7	2.14	6.27	0.10	0.03	0.02	0.022	0.07	13.8	9.9	0.29	220	0.82
0100x7550		4.02	18.8	1.84	6.04	0.08	0.03	0.03	0.020	0.05	11.0	17.3	0.30	210	0.95
0100x7650		1.64	8.4	2.26	4.94	0.09	0.07	0.05	0.022	0.04	9.9	6.7	0.18	172	0.89
0100x7750		1.50	6.0	1.27	5.30	0.08	0.04	0.03	0.015	0.04	9.7	3.4	0.09	106	0.57
0100x7850		2.13	13.5	1.76	3.94	0.10	<0.02	0.02	0.018	0.08	14.9	6.7	0.22	262	0.63
0100x7950		1.82	7.9	1.56	5.11	0.08	0.04	0.02	0.018	0.05	10.8	6.6	0.19	159	0.55
0100x8050		1.27	6.3	1.85	5.84	0.10	0.08	0.03	0.016	0.03	9.9	3.2	0.08	135	0.72
0100x8150		8.41	41.0	6.74	9.32	0.20	0.05	0.22	0.046	0.18	32.2	19.9	0.50	4880	4.99
0100x8250		5.35	45.2	2.39	8.94	0.17	0.06	0.08	0.041	0.13	42.9	17.5	0.54	1030	1.05
0100x8350		1.70	8.6	1.72	4.52	0.08	0.02	0.07	0.022	0.03	8.8	7.6	0.11	109	0.88
0100x8450		2.10	6.3	1.73	5.79	0.10	0.02	0.03	0.024	0.02	11.2	8.7	0.16	165	0.84
0200x4050		4.09	7.4	1.54	3.65	0.11	0.07	0.04	0.021	0.04	13.4	6.2	0.18	314	0.76
0200x4150		11.0	5.2	1.47	4.14	0.09	<0.02	0.06	0.015	0.05	9.9	8.3	0.09	407	1.01
0200x4250		9.91	8.6	1.70	5.91	0.09	<0.02	0.06	0.021	0.05	10.4	9.0	0.12	274	1.22
0200x4350		8.94	3.5	1.15	7.49	0.09	0.04	0.08	0.028	0.03	13.3	13.0	0.08	131	1.15
0200x4450		41.8	9.6	0.94	8.34	0.14	0.03	0.12	0.038	0.08	26.4	31.8	0.12	1880	2.03
0200x4550		6.23	3.8	0.55	3.41	0.08	0.02	0.02	0.011	0.02	10.6	2.7	0.04	47	0.60
0200x4600		2.36	8910	4.00	5.39	0.10	0.21	0.13	0.092	0.49	8.5	8.6	0.98	594	1120
0200x4650		3.45	14.3	0.93	3.20	0.07	0.05	0.01	0.011	0.03	7.9	4.7	0.12	118	0.36
0200x4750		4.70	5.5	1.64	8.43	0.09	0.03	0.06	0.030	0.04	9.9	14.9	0.12	101	1.46
0200x4850		5.03	6.1	1.02	6.14	0.09	0.03	0.04	0.019	0.04	13.1	11.3	0.10	266	0.75
0200x4950		2.81	3.2	0.99	6.86	0.09	0.07	0.04	0.018	0.03	12.7	7.6	0.06	80	0.92
0200x5050		4.20	8.6	1.30	6.48	0.09	<0.02	0.06	0.022	0.05	12.5	12.0	0.09	242	0.89
0200x5150		4.97	5.5	1.72	4.91	0.09	0.02	0.07	0.021	0.05	10.4	7.9	0.11	136	0.91
0200x5250		4.34	7.4	1.02	4.30	0.10	<0.02	0.03	0.012	0.04	10.7	4.3	0.08	74	0.78
0200x5350		2.11	11.2	1.42	6.56	0.09	0.03	0.04	0.013	0.04	11.7	2.9	0.10	124	1.03
0200x5450		3.56	11.8	0.61	3.78	0.09	<0.02	0.03	0.007	0.06	9.6	0.6	0.04	63	1.06

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027
PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
0200x5550	2.89	10.1	0.62	4.52	0.08	<0.02	0.02	0.006	0.05	9.5	0.8	0.04	74	0.94
0200x5650	4.62	8.4	0.93	4.93	0.08	<0.02	0.02	0.010	0.06	11.1	1.1	0.04	77	0.82
0200x5750	1.04	4.3	0.42	2.77	0.08	<0.02	0.02	<0.005	0.03	8.9	0.3	0.02	77	0.47
0200x5850	2.83	5.2	0.77	2.37	0.08	0.02	0.03	0.008	0.05	11.9	1.8	0.04	115	0.73
0200x5950	1.94	5.2	1.05	3.61	0.08	<0.02	0.01	0.012	0.04	12.6	5.1	0.10	158	2.58
0200x6050	1.25	58.8	0.63	1.88	0.18	0.08	0.30	0.012	0.08	37.2	1.3	0.10	1260	9.13
0200x6150	1.08	6.2	1.00	3.03	0.09	<0.02	0.03	0.013	0.03	12.3	4.6	0.14	113	0.55
0200x6750	3.78	13.0	1.61	4.12	0.09	<0.02	0.04	0.016	0.10	15.3	9.6	0.12	577	2.33
0200x6850	4.36	12.7	2.38	6.25	0.09	<0.02	0.04	0.027	0.07	13.2	13.9	0.23	426	1.56
0200x6950	2.89	9.1	1.88	5.58	0.09	<0.02	0.03	0.020	0.05	9.5	8.3	0.13	291	0.95
0200x7050	5.85	15.1	1.94	7.38	0.13	0.03	0.04	0.026	0.05	22.5	18.0	0.20	184	1.39
0200x7150	3.34	31.5	2.10	7.99	0.09	0.02	0.04	0.022	0.05	8.5	8.7	0.13	133	3.13
0200x7250	8.12	30.1	2.72	9.72	0.19	0.03	0.05	0.048	0.13	36.9	37.2	0.50	1110	1.50
0200x7350	2.48	7.2	2.00	5.90	0.08	0.05	0.03	0.019	0.04	9.7	10.7	0.15	208	1.03
0200x7450	2.70	10.3	2.43	7.10	0.09	0.04	0.08	0.032	0.04	9.2	19.5	0.18	153	1.13
0200x7550	2.47	7.7	1.46	4.20	0.08	0.04	0.01	0.016	0.03	11.2	10.7	0.26	191	0.72
0200x7650	1.28	7.4	2.34	8.12	0.09	0.05	0.08	0.027	0.03	10.1	8.1	0.10	109	1.29
0200x7750	2.02	9.1	2.36	5.26	0.09	0.05	0.10	0.027	0.03	8.7	15.2	0.17	147	1.43
0200x7850	1.75	11.9	2.00	7.86	0.10	<0.02	0.03	0.021	0.06	10.2	11.9	0.14	123	1.74
0200x7950	1.37	7.0	1.81	4.52	0.10	0.02	0.03	0.019	0.03	9.8	8.1	0.12	113	0.89
0200x8050	4.09	18.6	2.52	5.61	0.11	0.04	0.10	0.029	0.04	10.2	13.7	0.18	168	1.00
0200x8150	2.53	10.2	2.70	6.50	0.11	0.03	0.05	0.028	0.04	9.3	12.7	0.17	456	0.94
0200x8250	0.55	8.5	0.83	3.82	0.10	<0.02	0.03	0.008	0.04	9.4	0.6	0.03	67	0.46
0200x8350	1.23	6.7	1.91	6.55	0.10	0.03	0.03	0.017	0.03	10.3	4.4	0.11	147	0.79
0200x8450	1.05	10.1	2.08	5.35	0.11	0.03	0.04	0.018	0.04	10.1	9.5	0.13	122	1.04
0300x4050	2.47	7.1	2.56	5.40	0.10	0.03	0.05	0.028	0.05	8.2	14.7	0.13	144	1.01
0300x4150	9.55	6.6	2.29	5.01	0.11	0.03	0.05	0.024	0.05	8.8	11.3	0.15	154	1.22
0300x4250	7.15	7.9	1.92	4.90	0.09	0.05	0.03	0.022	0.05	9.2	13.8	0.20	323	0.72
0300x4350	2.82	4.2	1.81	5.72	0.09	0.03	0.03	0.019	0.04	10.0	9.9	0.10	142	0.88
0300x4450	5.60	10.6	1.55	6.37	0.10	0.03	0.05	0.016	0.06	13.1	6.8	0.10	197	1.12
0300x4550	4.11	10.2	2.39	5.47	0.11	0.05	0.07	0.026	0.06	10.2	11.5	0.21	196	0.89
0300x4650	4.01	5.1	1.80	4.78	0.09	<0.02	0.07	0.018	0.05	10.5	9.7	0.08	103	0.82

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0300x4750	5.52	9.9	1.80	5.61	0.10	0.03	0.04	0.019	0.05	10.9	8.0	0.21	158	0.58	
0300x4850	4.48	5.8	1.62	4.82	0.10	<0.02	0.07	0.021	0.05	10.8	8.8	0.10	114	0.72	
0300x4950	38.3	16.7	2.17	11.9	0.15	<0.02	0.07	0.045	0.19	27.9	30.2	0.34	3570	1.18	
0300x5050	4.53	6.3	1.55	4.69	0.09	0.03	0.04	0.016	0.07	11.6	8.4	0.15	304	0.60	
0300x5150	4.09	6.8	1.51	4.40	0.11	0.03	0.07	0.020	0.06	11.3	8.5	0.14	140	0.83	
0300x5250	5.24	4.8	0.66	3.43	0.10	<0.02	0.02	0.009	0.06	12.8	2.2	0.05	75	1.11	
0300x5350	3.82	6.3	1.08	5.00	0.10	<0.02	0.02	0.010	0.07	13.1	2.4	0.06	95	0.81	
0300x5450	7.95	9.0	1.46	4.44	0.11	<0.02	0.01	0.014	0.06	11.2	11.0	0.12	141	1.11	
0300x5550	7.68	7.7	1.70	4.84	0.10	<0.02	0.02	0.019	0.08	15.3	14.6	0.23	660	1.95	
0300x5650	9.34	4.7	1.33	4.44	0.09	<0.02	0.02	0.014	0.06	12.1	8.2	0.10	122	0.90	
0300x5750	1.99	6.9	0.98	4.19	0.10	<0.02	0.02	0.007	0.04	12.0	0.7	0.04	149	0.81	
0300x5850	2.40	5.3	1.94	6.13	0.10	0.06	0.05	0.019	0.05	8.7	6.0	0.08	102	1.05	
0300x5950	1.02	4.4	0.91	4.27	0.09	0.02	0.01	0.008	0.03	9.1	0.6	0.03	79	0.54	
0300x6050	22.4	21.5	2.93	9.19	0.22	0.20	0.45	0.038	0.21	65.0	16.6	0.15	437	10.1	
0300x6150	1.73	5.5	0.92	4.34	0.09	0.03	0.04	0.013	0.05	8.1	4.5	0.13	109	0.57	
0300x6750	1.56	5.0	0.99	3.47	0.08	0.03	0.04	0.012	0.06	9.4	18.0	0.10	111	1.27	
0300x6850	3.05	4.2	1.32	3.29	0.10	0.02	0.03	0.011	0.07	9.5	6.3	0.10	302	1.32	
0300x6950	3.57	10.9	2.40	6.06	0.11	<0.02	0.05	0.030	0.06	8.1	15.0	0.22	337	1.10	
0300x7050	3.85	9.2	2.36	7.60	0.10	<0.02	0.06	0.029	0.06	7.6	19.9	0.26	491	0.88	
0300x7150	6.60	32.1	2.24	8.48	0.09	<0.02	0.04	0.023	0.07	14.5	13.1	0.24	324	1.96	
0300x7250	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	
0300x7350	2.22	10.7	2.45	5.94	0.10	0.02	0.06	0.028	0.05	8.9	11.0	0.22	170	1.08	
0300x7450	2.43	12.5	2.65	7.55	0.11	0.03	0.06	0.028	0.05	8.3	13.8	0.22	169	0.94	
0300x7550	1.79	11.8	1.52	4.73	0.10	0.02	0.02	0.013	0.04	9.7	3.3	0.14	112	0.65	
0300x7650	2.92	16.6	1.49	3.55	0.10	0.02	0.02	0.010	0.05	9.3	1.0	0.05	102	0.78	
0300x7750	2.01	10.9	2.52	4.54	0.10	0.04	0.09	0.028	0.04	6.9	9.4	0.17	249	1.00	
0300x7850	1.27	13.3	2.51	4.38	0.13	0.08	0.02	0.021	0.06	12.4	6.4	0.28	323	0.65	
0300x7950	1.32	4.6	1.22	4.02	0.09	0.04	0.01	0.017	0.03	9.1	6.2	0.17	248	0.36	
0300x8050	2.95	8.4	2.56	5.80	0.11	0.04	0.04	0.030	0.05	8.7	13.9	0.18	173	0.98	
0300x8150	2.91	10.1	1.96	4.97	0.09	0.04	0.02	0.023	0.04	7.8	7.4	0.32	404	0.65	
0300x8250	0.98	15.5	1.25	3.79	0.15	<0.02	0.02	0.016	0.05	19.4	4.2	0.11	443	0.63	
0300x8300	0.23	16.7	1.54	2.94	0.09	0.16	0.03	0.017	0.07	3.1	5.3	0.42	260	2.39	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0300x8350		1.60	9.4	1.71	4.53	0.11	0.03	0.03	0.019	0.05	11.3	8.1	0.24	176	0.65
0300x8450		0.97	6.9	1.99	3.90	0.10	0.03	0.05	0.022	0.03	6.3	5.5	0.14	153	0.77
0400x4050		7.09	4.4	1.39	3.44	0.10	<0.02	0.03	0.014	0.06	7.4	5.0	0.11	981	0.70
0400x4150		6.71	27.1	1.07	3.98	0.10	<0.02	0.07	0.015	0.09	11.5	7.1	0.13	3190	3.92
0400x4250		3.73	5.3	1.88	4.40	0.09	0.05	0.04	0.020	0.04	6.5	7.4	0.15	189	0.70
0400x4350		2.32	6.8	1.88	5.20	0.10	<0.02	0.03	0.020	0.04	6.5	7.0	0.13	125	0.85
0400x4450		7.07	14.6	1.24	5.23	0.11	0.05	0.03	0.014	0.05	9.6	7.2	0.14	437	0.69
0400x4550		6.15	5.2	1.35	5.55	0.11	0.03	0.02	0.017	0.05	9.4	5.5	0.15	131	0.60
0400x4650		4.34	10.5	1.94	4.81	0.11	0.04	0.06	0.022	0.04	8.5	8.3	0.17	199	0.81
0400x4750		3.08	6.7	1.80	4.77	0.11	0.04	0.06	0.019	0.03	7.5	8.2	0.16	136	0.65
0400x4850		3.58	6.9	1.58	4.69	0.10	0.02	0.05	0.017	0.04	8.5	6.7	0.11	112	0.65
0400x4950		3.55	6.4	1.37	4.46	0.11	0.03	0.02	0.014	0.05	9.1	7.2	0.12	201	0.40
0400x5050		3.48	14.6	0.94	3.76	0.10	<0.02	0.07	0.012	0.09	12.8	5.4	0.10	994	0.93
0400x5150		3.42	5.0	1.33	4.84	0.11	<0.02	0.07	0.015	0.05	10.2	5.6	0.13	123	0.78
0400x5250		1.85	7.0	1.12	4.85	0.11	<0.02	0.02	0.008	0.07	10.6	1.2	0.07	109	0.56
0400x5350		7.56	13.9	1.23	3.97	0.11	<0.02	0.02	0.009	0.07	12.1	2.5	0.08	131	1.17
0400x5450		3.05	5.6	1.37	5.13	0.10	0.03	0.02	0.010	0.05	9.3	2.4	0.09	125	0.91
0400x5550		6.48	5.9	1.05	4.05	0.12	<0.02	0.02	0.013	0.06	17.0	7.3	0.11	352	1.50
0400x5650		2.07	12.8	0.81	3.75	0.10	<0.02	0.01	0.007	0.05	9.0	0.6	0.04	74	0.78
0400x5750		2.61	8.4	1.49	3.91	0.12	<0.02	0.06	0.014	0.04	6.9	6.8	0.08	86	0.88
0400x5850		2.27	6.3	1.40	5.61	0.11	0.04	0.02	0.008	0.04	9.4	0.9	0.06	85	0.82
0400x5950		3.70	4.5	0.16	2.55	0.11	<0.02	0.02	<0.005	0.06	17.3	0.2	0.01	29	0.47
0400x6050		11.0	24.2	1.70	8.17	0.41	0.09	0.11	0.029	0.13	96.6	14.7	0.18	1280	6.18
0400x6150		2.84	11.4	13.7	2.70	0.20	<0.02	0.07	0.014	0.05	12.4	2.3	0.08	3430	142
0400x6700		0.68	8450	2.76	3.53	0.09	0.13	0.91	0.046	0.17	5.5	5.3	0.70	346	481
0400x6750		1.27	7.4	1.48	3.49	0.10	0.04	0.05	0.013	0.06	8.9	9.8	0.13	125	3.62
0400x6850		2.15	5.1	1.19	4.14	0.10	<0.02	0.05	0.012	0.06	11.3	7.7	0.07	262	0.98
0400x6950		1.78	3.7	1.17	3.36	0.09	0.02	0.02	0.009	0.05	8.7	6.1	0.07	94	3.35
0400x7050		5.99	12.2	2.10	5.79	0.10	0.02	0.04	0.024	0.07	9.1	10.1	0.23	218	0.82
0400x7150		6.25	11.9	1.97	6.36	0.10	<0.02	0.03	0.020	0.05	8.2	15.0	0.29	207	0.74
0400x7250		4.05	9.6	1.84	6.59	0.10	<0.02	0.02	0.021	0.04	11.8	17.9	0.26	254	0.82
0400x7350		5.69	25.4	2.26	9.74	0.27	0.04	0.13	0.040	0.13	57.0	29.1	0.40	854	1.60

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0400x7450		2.18	8.2	2.24	7.63	0.10	0.03	0.03	0.021	0.05	10.7	12.5	0.15	177	0.85
0400x7550		3.72	33.1	2.98	10.8	0.11	0.04	0.04	0.030	0.07	10.3	29.7	0.34	264	0.96
0400x7650		0.92	10.3	1.75	6.22	0.11	0.04	0.02	0.009	0.03	8.7	1.2	0.07	119	0.63
0400x7750		0.93	8.5	2.61	8.60	0.12	0.05	0.06	0.023	0.04	8.9	9.1	0.16	148	0.90
0400x7850		1.97	12.1	2.06	9.63	0.11	0.03	0.04	0.019	0.06	11.0	16.5	0.20	160	1.06
0400x7950		2.14	11.2	2.22	5.36	0.11	0.05	0.06	0.022	0.05	8.1	9.4	0.18	209	1.03
0400x8050		5.06	9.0	1.57	6.37	0.10	<0.02	0.02	0.020	0.05	8.9	19.3	0.27	357	0.51
0400x8150		1.94	8.4	2.45	6.84	0.11	0.03	0.07	0.023	0.03	6.4	7.3	0.13	132	0.89
0400x8250		0.95	8.6	1.69	6.86	0.11	0.04	0.02	0.013	0.03	8.4	2.2	0.08	109	0.83
0400x8350		1.83	10.9	2.13	4.45	0.10	0.04	0.05	0.020	0.04	8.8	6.0	0.23	194	0.93
0400x8450		6.00	39.0	1.92	7.56	0.20	0.07	0.09	0.031	0.10	32.8	29.6	0.26	914	3.55
0500x6750		0.91	3.4	1.12	3.35	0.10	0.05	0.01	0.009	0.04	9.5	1.6	0.05	89	1.21
0500x6850		1.71	4.0	1.40	4.27	0.10	<0.02	0.02	0.010	0.05	8.7	3.7	0.05	109	1.53
0500x6950		3.71	4.7	1.65	5.36	0.10	0.02	0.04	0.016	0.06	11.2	6.5	0.14	238	1.32
0500x7050		2.36	6.9	1.31	4.93	0.10	<0.02	0.03	0.016	0.11	8.9	3.2	0.06	131	1.18
0500x7150		2.05	5.0	1.33	5.28	0.10	<0.02	0.02	0.011	0.04	7.6	1.6	0.07	92	0.67
0500x7250		5.34	12.8	2.65	7.23	0.11	0.02	0.03	0.029	0.05	7.9	18.5	0.29	231	0.99
0500x7300		0.41	22.3	1.98	4.75	0.10	0.32	0.04	0.020	0.09	3.9	7.7	0.56	349	3.35
0500x7350		1.97	9.2	1.37	6.85	0.10	0.02	0.02	0.014	0.05	7.8	1.6	0.07	103	0.72
0500x7450		1.37	4.2	1.28	6.50	0.10	0.02	0.02	0.013	0.04	7.4	1.6	0.08	94	0.62
0500x7550		2.09	4.3	0.84	6.99	0.11	0.03	0.03	0.018	0.02	3.5	2.2	0.05	52	0.95
0500x7650		1.15	6.3	1.82	6.47	0.10	0.02	0.02	0.014	0.03	6.9	3.1	0.11	116	0.72
0500x7750		0.82	16.5	2.23	8.66	0.12	<0.02	0.07	0.021	0.04	7.5	10.8	0.15	108	1.54
0500x7850		2.11	6.0	2.00	7.08	0.11	0.05	0.05	0.020	0.05	7.7	15.3	0.17	201	0.68
0500x7950		4.07	40.3	1.37	6.63	0.10	0.02	0.12	0.018	0.07	6.7	13.7	0.18	1080	1.49
0500x8050		1.55	5.8	1.69	6.50	0.12	0.03	0.02	0.014	0.03	7.9	2.2	0.07	122	0.65
0500x8150		2.25	10.3	2.49	8.26	0.12	<0.02	0.08	0.028	0.04	7.7	13.4	0.16	127	0.83
0500x8250		2.39	13.7	1.84	5.40	0.14	0.03	0.02	0.021	0.05	16.2	10.0	0.26	395	0.62
0500x8350		2.45	9.3	1.73	6.17	0.12	0.02	0.04	0.023	0.05	9.4	8.1	0.21	192	0.74
0500x8450		2.10	33.4	1.94	3.84	0.23	0.12	0.35	0.018	0.05	34.4	4.9	0.17	684	4.92
0600x6750		1.68	4.6	1.28	3.42	0.10	0.05	0.02	0.014	0.05	10.4	7.5	0.16	256	0.95
0600x6850		1.63	4.5	1.66	4.19	0.12	0.03	0.03	0.014	0.04	10.0	6.4	0.11	180	1.13

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0600x6950		5.49	11.9	1.46	4.85	0.10	<0.02	0.03	0.016	0.09	10.0	8.8	0.10	188	2.88
0600x7050		14.4	36.0	2.24	8.55	0.12	0.03	0.07	0.033	0.18	13.9	20.9	0.33	3190	3.06
0600x7150		3.30	12.8	2.44	8.48	0.10	<0.02	0.07	0.025	0.07	7.4	11.6	0.19	329	1.30
0600x7250		2.61	9.4	1.87	7.13	0.11	<0.02	0.03	0.019	0.05	8.6	5.8	0.14	143	1.04
0600x7350		2.09	18.2	1.41	4.73	0.16	<0.02	0.06	0.019	0.06	18.7	5.3	0.11	208	1.34
0600x7450		8.50	23.1	2.08	6.71	0.17	0.03	0.03	0.030	0.10	24.0	24.1	0.35	385	1.28
0600x7550		2.23	5.7	1.13	4.70	0.10	0.04	0.01	0.014	0.04	8.6	4.9	0.18	141	0.42
0600x7650		5.36	22.5	2.22	8.67	0.18	<0.02	0.03	0.034	0.06	25.2	19.5	0.43	1260	1.08
0600x7750		9.53	27.7	2.80	11.8	0.18	0.03	0.06	0.037	0.09	17.8	50.5	0.41	249	1.04
0600x7850		2.84	9.2	2.45	8.12	0.11	0.02	0.08	0.027	0.04	7.1	13.5	0.22	477	0.91
0600x7950		5.28	19.2	2.44	9.73	0.18	0.04	0.07	0.039	0.05	24.3	29.5	0.32	2670	0.97
0600x8000		0.87	9790	3.13	4.46	0.09	0.21	1.11	0.057	0.20	4.8	6.9	0.80	411	605
0600x8050		1.38	6.9	1.36	5.31	0.08	0.04	0.02	0.012	0.04	10.4	1.3	0.06	144	0.90
0600x8150		1.08	8.2	1.97	8.33	0.10	0.02	0.05	0.018	0.03	7.6	3.9	0.09	116	3.15
0600x8250		5.51	24.3	1.21	7.72	0.20	0.11	0.13	0.037	0.08	53.7	19.1	0.23	885	1.46
0600x8350		2.38	8.0	1.26	6.87	0.09	<0.02	0.05	0.023	0.05	16.5	10.4	0.17	122	0.77
0600x8450		8.07	15.6	1.45	9.17	0.10	0.12	0.24	0.037	0.12	35.2	20.1	0.21	2730	4.87
0700x6750		10.2	13.0	1.15	6.43	0.11	0.02	0.06	0.027	0.07	23.9	24.3	0.18	777	1.94
0700x6850		5.92	19.9	2.00	5.56	0.08	0.02	0.06	0.021	0.13	16.7	10.3	0.31	997	1.84
0700x6950		1.69	7.8	1.36	3.65	0.09	0.03	0.03	0.011	0.08	15.1	1.4	0.07	553	2.28
0700x7050		4.39	6.4	1.33	5.87	0.08	<0.02	0.06	0.019	0.10	13.8	10.1	0.12	1960	2.28
0700x7150		4.55	9.4	1.38	6.99	0.08	<0.02	0.03	0.017	0.07	12.7	7.2	0.09	327	1.32
0700x7250		4.18	7.9	1.85	7.98	0.09	0.02	0.07	0.022	0.04	10.3	12.7	0.14	568	1.07
0700x7350		2.92	9.6	1.33	5.83	0.09	<0.02	0.03	0.016	0.05	12.3	6.5	0.13	125	0.92
0700x7450		10.2	47.4	2.71	14.1	0.20	0.06	0.06	0.055	0.15	70.2	28.9	0.56	1270	1.73
0700x7550		2.46	20.8	2.08	7.21	0.09	<0.02	0.03	0.016	0.05	9.7	2.5	0.08	115	1.57
0700x7650		3.23	11.4	2.57	8.53	0.09	0.03	0.09	0.030	0.06	11.4	12.7	0.21	188	1.23
0700x7750		3.73	22.7	1.67	6.70	0.08	<0.02	0.04	0.019	0.07	12.7	13.4	0.16	143	1.76
0700x7850		2.24	11.3	2.31	9.67	0.08	0.06	0.10	0.028	0.08	8.9	16.2	0.16	272	1.21
0700x7950		5.69	9.1	2.53	8.71	0.09	0.03	0.08	0.028	0.05	10.0	19.1	0.17	190	1.02
0700x8050		10.2	25.4	2.08	8.75	0.09	<0.02	0.04	0.025	0.08	10.3	14.6	0.21	1250	1.28
0700x8150		1.47	6.7	1.68	6.67	0.09	0.03	0.03	0.013	0.04	9.9	1.6	0.07	119	0.78

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
0700x8250	7.66	54.3	3.52	10.7	0.27	0.30	0.17	0.058	0.15	84.2	25.7	0.44	6370	5.40
0700x8350	2.33	14.3	1.04	7.39	0.08	<0.02	0.05	0.022	0.07	16.5	4.0	0.12	110	0.87
0700x8450	2.64	30.7	1.15	5.23	0.21	0.18	0.31	0.027	0.07	50.7	7.6	0.16	387	2.44
0800x6750	2.60	7.8	1.52	4.27	0.09	0.04	0.03	0.019	0.05	13.6	8.6	0.17	234	1.41
0800x6850	2.97	15.4	1.22	5.15	0.09	<0.02	0.14	0.029	0.08	19.6	3.0	0.05	708	5.58
0800x6900	0.36	21.0	1.83	4.63	0.11	0.33	0.03	0.020	0.09	5.9	7.5	0.55	347	3.40
0800x6950	2.23	22.0	1.00	3.77	0.10	<0.02	0.04	0.009	0.10	28.9	1.9	0.04	549	5.11
0800x7050	1.75	7.9	1.06	3.20	0.10	<0.02	0.04	0.009	0.09	23.0	1.3	0.03	712	8.20
0800x7150	1.94	8.2	1.60	3.76	0.08	0.04	0.04	0.018	0.06	11.7	6.5	0.12	211	0.99
0800x7250	2.99	5.8	1.49	5.00	0.09	<0.02	0.02	0.012	0.07	11.7	1.7	0.07	166	1.12
0800x7350	5.72	11.1	2.61	7.71	0.10	0.03	0.06	0.035	0.07	9.9	16.8	0.21	279	1.82
0800x7450	2.72	13.4	1.86	7.82	0.09	0.02	0.03	0.016	0.07	11.3	3.5	0.12	148	0.96
0800x7550	3.42	9.8	2.36	7.27	0.10	0.04	0.05	0.029	0.05	11.0	13.7	0.16	145	1.16
0800x7650	1.59	10.3	1.95	5.68	0.09	<0.02	0.02	0.014	0.05	10.2	1.7	0.07	94	1.22
0800x7750	2.49	11.1	2.20	5.47	0.09	0.03	0.07	0.025	0.05	9.3	12.4	0.26	179	0.88
0800x7850	3.50	11.5	1.72	6.13	0.09	<0.02	0.02	0.018	0.04	9.9	20.6	0.16	174	0.80
0800x7950	2.79	8.9	2.20	6.46	0.10	0.03	0.04	0.024	0.05	10.2	10.3	0.18	151	1.00
0800x8050	2.22	10.6	2.26	5.30	0.10	0.08	0.04	0.022	0.04	11.9	9.4	0.22	189	0.80
0800x8150	1.81	8.2	2.08	7.85	0.10	0.03	0.02	0.015	0.05	8.4	3.4	0.10	127	0.90
0800x8250	1.93	13.6	2.47	7.98	0.10	0.07	0.04	0.021	0.04	9.7	8.7	0.13	148	1.10
0800x8350	1.44	8.2	1.78	5.48	0.09	0.02	0.03	0.020	0.03	7.9	7.7	0.13	135	0.95
0800x8450	6.84	57.4	8.20	9.26	0.26	0.14	0.22	0.047	0.28	59.9	15.6	0.52	1060	1.64
0900x6750	1.89	5.9	1.54	4.42	0.10	0.03	0.04	0.020	0.04	13.5	6.2	0.12	128	0.74
0900x6850	2.01	6.5	1.33	5.99	0.09	0.02	0.04	0.019	0.04	14.9	8.1	0.07	100	1.93
0900x6950	1.90	8.1	0.95	4.10	0.08	0.03	0.05	0.016	0.08	18.1	6.9	0.16	176	0.88
0900x7050	2.20	20.4	1.67	5.71	0.11	0.02	0.05	0.023	0.07	21.2	23.3	0.21	1760	1.20
0900x7150	1.69	4.9	1.39	4.17	0.09	0.05	0.02	0.013	0.05	13.8	6.1	0.10	134	1.11
0900x7250	2.60	7.4	1.26	5.40	0.09	<0.02	0.02	0.016	0.06	13.5	7.0	0.08	151	0.97
0900x7350	2.48	7.6	1.19	4.52	0.11	0.02	0.02	0.011	0.08	12.9	1.0	0.04	115	0.90
0900x7400	1.13	9810	3.16	4.99	0.11	0.22	1.15	0.059	0.24	8.3	8.0	0.82	423	632
0900x7450	3.40	16.4	1.96	6.67	0.09	0.02	0.03	0.019	0.07	11.0	6.8	0.15	170	5.56
0900x7550	2.30	10.1	1.70	7.13	0.09	<0.02	0.03	0.019	0.05	9.3	5.9	0.11	113	1.24

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

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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
0900x7650		2.29	6.9	1.94	9.09	0.11	0.04	0.06	0.029	0.04	9.4	10.7	0.11	112	0.91
0900x7750		2.73	6.3	1.30	5.32	0.08	<0.02	0.02	0.018	0.05	10.4	11.8	0.19	136	0.54
0900x7850		1.84	7.0	1.35	5.43	0.10	0.03	0.01	0.016	0.05	11.2	8.6	0.17	185	0.55
0900x7950		2.84	8.3	2.01	7.86	0.11	0.02	0.06	0.022	0.05	11.2	16.6	0.18	251	0.87
0900x8050		2.43	14.9	1.57	7.60	0.11	0.04	0.04	0.019	0.05	10.6	11.7	0.12	146	0.99
0900x8150		2.58	6.3	1.03	7.07	0.12	0.02	0.03	0.020	0.05	14.0	7.7	0.16	128	0.57
0900x8250		11.6	19.1	1.72	10.5	0.26	0.04	0.09	0.043	0.10	76.3	26.0	0.28	242	1.03
0900x8350		2.17	10.8	1.89	4.81	0.10	0.05	0.02	0.020	0.05	12.9	7.8	0.27	276	0.64
0900x8450		0.65	32.9	0.44	1.58	0.17	0.09	0.26	0.010	0.02	33.9	1.8	0.07	264	1.86
1000x6750		3.81	10.4	1.81	7.12	0.09	0.10	0.18	0.040	0.06	13.0	13.0	0.14	358	1.97
1000x6850		2.06	4.9	1.46	5.80	0.09	<0.02	0.05	0.019	0.04	12.4	9.1	0.09	250	0.85
1000x6950		1.49	4.4	1.30	5.59	0.12	0.02	0.08	0.017	0.03	10.9	9.0	0.05	99	1.30
1000x7050		1.74	2.7	0.66	5.48	0.11	<0.02	0.04	0.010	0.04	14.0	2.7	0.03	64	0.69
1000x7150		1.64	2.8	0.77	4.19	0.11	<0.02	0.02	0.008	0.04	12.8	1.7	0.03	69	1.08
1000x7250		2.93	6.2	2.33	6.72	0.11	0.03	0.05	0.023	0.06	11.3	14.2	0.13	152	1.12
1000x7350		7.05	14.7	1.65	5.29	0.13	0.03	0.04	0.018	0.10	16.3	18.8	0.13	323	1.15
1000x7450		2.59	8.0	1.62	6.55	0.11	0.04	0.02	0.014	0.06	10.5	2.9	0.07	113	1.14
1000x7550		5.14	13.2	2.93	8.70	0.12	<0.02	0.04	0.034	0.06	12.0	21.9	0.23	292	1.24
1000x7650		0.76	4.9	1.20	5.04	0.11	0.08	0.07	0.022	0.03	5.3	5.9	0.06	68	0.26
1000x7750		1.51	4.9	1.16	3.53	0.11	0.05	0.03	0.015	0.03	6.2	6.7	0.10	88	0.46
1000x7850		2.23	6.5	2.17	8.28	0.11	0.08	0.04	0.022	0.05	9.6	12.5	0.13	120	1.14
1000x7950		3.08	8.4	1.57	6.58	0.11	0.04	0.01	0.018	0.05	10.7	12.5	0.17	155	0.76
1000x8000		0.41	21.6	1.95	4.82	0.11	0.35	0.03	0.020	0.09	6.2	9.2	0.56	354	3.48
1000x8050		1.74	6.3	1.92	7.68	0.10	0.05	0.04	0.019	0.04	9.9	7.7	0.11	115	0.81
1000x8150		2.39	7.2	2.08	6.60	0.10	0.05	0.06	0.023	0.04	10.8	12.7	0.17	150	0.83
1000x8250		2.66	17.5	2.38	12.2	0.11	0.02	0.04	0.026	0.06	11.2	15.5	0.21	218	1.46
1000x8350		1.96	5.6	1.28	5.04	0.11	0.04	0.02	0.017	0.04	10.6	9.9	0.18	135	0.53
1000x8450		1.48	10.6	2.15	5.74	0.12	0.06	0.04	0.024	0.05	12.6	7.8	0.24	246	0.73
1100x6750		1.32	5.9	1.61	3.57	0.10	0.05	0.06	0.016	0.05	12.3	6.1	0.14	146	0.61
1100x6850		4.15	25.6	1.39	10.1	0.08	<0.02	0.09	0.031	0.12	13.4	13.2	0.19	605	1.16
1100x6950		1.89	5.7	1.20	6.61	0.09	0.03	0.07	0.019	0.04	17.8	9.1	0.06	178	1.28
1100x7050		3.38	9.8	1.91	7.67	0.08	0.02	0.20	0.030	0.06	13.8	16.8	0.12	149	1.57

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011	DATE RECEIVED: Jul 20, 2011					DATE REPORTED: Sep 07, 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
1100x7150		1.31	3.1	0.82	3.73	0.10	<0.02	0.02	0.009	0.04	13.6	1.5	0.05	93	0.48
1100x7250		1.29	8.4	1.00	4.03	0.09	<0.02	0.01	0.009	0.07	14.0	2.5	0.06	157	1.88
1100x7350		1.83	5.7	2.15	7.27	0.10	0.02	0.04	0.021	0.06	12.0	7.8	0.10	155	1.22
1100x7450		1.23	5.5	0.73	5.00	0.09	0.02	0.02	0.009	0.04	11.6	1.0	0.04	72	0.75
1100x7550		3.66	10.8	1.77	7.86	0.10	0.02	0.03	0.017	0.06	11.6	6.7	0.12	150	1.08
1100x7650		3.27	3.4	0.69	4.85	0.08	0.02	0.04	0.025	0.02	11.2	12.4	0.06	97	0.81
1100x7750		11.9	33.8	2.18	11.6	0.21	0.11	0.10	0.051	0.14	74.4	45.9	0.42	1540	1.65
1100x7850		1.13	25.0	0.87	4.93	0.09	<0.02	0.03	0.015	0.06	14.8	4.5	0.11	346	0.69
1100x7950		9.24	28.8	3.14	15.6	0.13	0.02	0.07	0.055	0.18	38.7	38.8	0.60	4260	1.80
1100x8050		2.96	11.7	2.25	6.82	0.10	0.09	0.05	0.024	0.04	12.6	14.5	0.22	173	0.88
1100x8150		3.64	17.6	2.68	8.14	0.10	0.07	0.07	0.035	0.07	10.6	17.5	0.22	298	1.31
1100x8250		2.25	9.1	2.07	7.31	0.10	0.07	0.07	0.025	0.04	9.5	14.7	0.18	165	0.75
1100x8350		0.49	10.4	2.10	8.19	0.09	0.02	0.03	0.016	0.05	12.0	1.3	0.08	117	1.02
1100x8450		1.58	9.5	1.32	4.44	0.08	<0.02	0.03	0.015	0.04	10.2	3.3	0.07	101	0.65
1200x6750		5.94	7.0	1.19	3.14	0.09	0.03	0.02	0.014	0.04	13.2	15.8	0.13	143	0.72
1200x6850		3.39	16.3	1.96	8.39	0.10	0.03	0.09	0.027	0.08	14.1	14.1	0.11	389	1.45
1200x6900		1.04	9460	3.08	4.74	0.09	0.20	1.09	0.060	0.22	7.6	8.8	0.81	404	604
1200x6950		1.97	18.3	0.49	5.82	0.08	<0.02	0.04	0.014	0.06	13.6	1.4	0.05	89	5.26
1200x7050		1.55	4.0	0.32	3.14	0.09	<0.02	0.03	0.008	0.05	18.4	3.3	0.03	79	0.80
1200x7150		1.28	2.5	0.42	3.76	0.08	0.03	0.01	0.006	0.04	12.8	1.1	0.03	69	0.58
1200x7250		1.77	9.9	0.86	5.32	0.09	<0.02	0.02	0.014	0.05	14.5	6.0	0.12	121	0.82
1200x7350		2.47	16.1	1.74	10.5	0.11	<0.02	0.05	0.036	0.08	24.3	37.8	0.22	1660	3.13
1200x7450		1.94	7.7	1.29	4.21	0.09	<0.02	0.03	0.018	0.05	13.7	6.9	0.15	155	0.98
1200x7550		1.92	5.4	1.41	5.44	0.10	<0.02	0.02	0.014	0.04	10.4	5.2	0.07	117	0.80
1200x7650		1.77	14.8	0.78	5.15	0.09	<0.02	0.03	0.016	0.06	21.4	3.7	0.08	134	0.67
1200x7750		3.63	10.2	1.18	7.20	0.08	<0.02	0.04	0.023	0.06	9.9	11.3	0.16	129	0.62
1200x7850		1.68	6.8	1.20	4.05	0.08	0.03	0.03	0.018	0.04	11.8	12.8	0.20	147	0.80
1200x7950		3.29	5.9	1.59	6.53	0.10	0.09	0.04	0.027	0.04	10.5	14.6	0.12	128	0.82
1200x8050		2.15	18.1	2.05	9.06	0.09	<0.02	0.07	0.021	0.08	10.8	15.1	0.17	818	1.36
1200x8150		2.18	14.7	1.32	5.52	0.09	<0.02	0.03	0.016	0.06	12.8	5.1	0.13	1810	2.33
1200x8250		2.04	8.3	1.96	6.73	0.10	0.05	0.05	0.027	0.04	9.9	14.4	0.16	591	0.90
1200x8350		4.09	23.9	1.88	13.0	0.43	0.07	0.09	0.038	0.11	136	22.5	0.37	3330	1.58

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Cs ppm 0.05	Cu ppm 0.1	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.1	Li ppm 0.1	Mg % 0.01	Mn ppm 1	Mo ppm 0.05
1200x8450		1.83	11.4	2.91	7.16	0.10	0.10	0.12	0.030	0.04	10.9	16.1	0.15	167	1.16
1300x6750		2.38	6.4	1.70	7.94	0.10	<0.02	0.08	0.023	0.05	13.9	15.7	0.10	321	1.47
1300x6850		3.44	4.9	0.81	6.75	0.08	<0.02	0.02	0.022	0.06	16.7	16.6	0.11	400	1.26
1300x6950		2.71	7.2	1.30	6.11	0.08	<0.02	0.07	0.024	0.05	14.1	11.1	0.09	141	1.55
1300x7050		1.48	8.7	0.36	4.57	0.09	0.02	0.03	0.009	0.05	15.7	1.5	0.04	87	1.07
1300x7150		0.59	14.9	0.46	1.06	0.07	0.11	0.23	0.012	0.01	14.1	1.1	0.06	146	3.87
1300x7250		1.31	8.0	0.72	4.27	0.08	<0.02	0.04	0.008	0.05	11.3	2.5	0.06	122	1.24
1300x7350		8.66	27.9	2.74	10.6	0.09	0.04	0.07	0.060	0.15	17.8	36.1	0.29	2890	14.3
1300x7400		0.46	21.1	1.95	4.68	0.10	0.33	0.03	0.021	0.08	6.0	9.3	0.55	336	3.90
1300x7450		1.82	9.6	1.78	3.54	0.11	0.11	0.04	0.019	0.04	15.1	5.6	0.17	308	1.08
1300x7550		2.32	8.4	2.11	7.11	0.10	0.02	0.06	0.026	0.05	13.5	11.1	0.14	159	1.33
1300x7650		2.05	9.2	1.48	3.18	0.10	<0.02	0.06	0.020	0.04	9.1	7.1	0.14	112	1.02
1300x7750		2.62	8.9	1.77	7.78	0.10	0.02	0.02	0.018	0.05	10.3	6.8	0.16	190	1.10
1300x7850		2.76	22.4	1.08	6.10	0.09	<0.02	0.03	0.015	0.07	8.9	9.8	0.14	99	1.04
1300x7950		2.87	12.5	1.56	4.98	0.17	0.03	0.05	0.025	0.06	30.0	12.8	0.21	372	0.86
1300x8050		1.62	9.4	2.40	4.82	0.10	0.14	0.03	0.021	0.04	11.3	8.1	0.20	175	0.76
1300x8150		1.60	22.3	2.19	9.06	0.10	<0.02	0.07	0.021	0.05	10.3	13.8	0.18	158	1.29
1300x8250		0.43	6.8	2.02	5.52	0.10	0.03	0.02	0.012	0.03	10.2	1.0	0.06	134	0.85
1300x8350		4.00	24.2	2.63	7.23	0.15	<0.02	0.04	0.024	0.09	32.0	19.0	0.46	718	1.35
1300x8450		1.87	8.9	2.16	9.43	0.09	0.03	0.07	0.026	0.05	10.6	18.3	0.18	161	0.95
1400x6750		1.94	6.6	1.59	5.21	0.10	<0.02	0.08	0.020	0.04	14.8	8.4	0.08	215	0.96
1400x6850		4.83	10.1	1.27	4.00	0.09	<0.02	0.02	0.016	0.07	12.8	15.3	0.16	153	0.79
1400x6950		2.75	5.1	0.71	3.77	0.09	<0.02	0.02	0.011	0.04	13.7	4.7	0.09	102	0.78
1400x7050		3.70	9.2	1.16	3.93	0.09	<0.02	0.02	0.019	0.06	13.6	15.6	0.19	197	5.70
1400x7150		2.32	50.3	0.44	3.79	0.10	0.06	0.49	0.051	0.03	26.9	5.1	0.04	126	10.8
1400x7250		2.32	7.5	1.37	4.68	0.09	<0.02	0.03	0.013	0.06	16.0	4.6	0.12	159	1.99
1400x7350		2.32	12.6	1.53	7.57	0.10	<0.02	0.04	0.016	0.08	15.7	4.5	0.10	132	1.81
1400x7450		1.44	3.5	0.75	4.15	0.10	<0.02	0.01	0.011	0.04	13.7	4.4	0.09	97	0.69
1400x7550		2.50	20.2	1.62	4.54	0.14	0.06	0.35	0.031	0.09	34.7	9.6	0.18	2960	3.79
1400x7650		2.43	18.4	1.18	4.23	0.08	0.03	0.02	0.015	0.06	11.6	6.8	0.19	185	1.34
1400x7750		2.08	10.2	1.97	5.63	0.10	<0.02	0.02	0.020	0.03	9.6	9.0	0.14	106	1.04
1400x7850		15.0	34.1	5.99	11.1	0.29	0.19	0.15	0.055	0.16	74.3	39.2	0.50	5910	7.92

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
1400x7950	2.36	8.3	2.08	6.99	0.11	0.05	0.06	0.024	0.05	11.0	14.8	0.20	142	0.95
1400x8000	1.04	9730	3.17	4.52	0.09	0.20	1.12	0.058	0.21	7.4	8.9	0.82	394	616
1400x8050	0.95	8.6	1.14	5.78	0.09	<0.02	0.05	0.014	0.04	11.3	3.6	0.11	148	5.85
1400x8150	1.65	10.0	2.08	9.71	0.10	0.11	0.12	0.028	0.05	9.6	13.9	0.12	184	1.55
1400x8250	1.53	20.7	2.43	9.36	0.10	<0.02	0.06	0.024	0.05	10.7	14.2	0.18	346	1.66
1400x8350	1.70	10.9	2.09	7.58	0.10	<0.02	0.05	0.023	0.05	10.1	14.4	0.19	361	1.07
1400x8450	1.33	20.1	1.74	6.45	0.10	<0.02	0.09	0.017	0.06	10.9	8.4	0.11	237	1.70
1500x6750	2.92	6.8	1.65	5.03	0.10	<0.02	0.05	0.021	0.05	12.0	8.5	0.08	410	1.92
1500x6850	8.80	31.3	3.57	7.31	0.25	0.10	0.29	0.052	0.14	65.2	41.1	0.25	1410	6.60
1500x6950	6.73	15.7	2.38	4.77	0.11	<0.02	0.03	0.024	0.07	12.0	20.4	0.21	182	5.77
1500x7050	2.33	6.8	1.01	3.88	0.10	<0.02	0.04	0.018	0.03	12.4	15.5	0.10	111	3.74
1500x7150	1.57	3.2	0.66	2.82	0.11	<0.02	0.02	0.009	0.05	15.2	3.9	0.09	131	0.84
1500x7250	2.82	6.3	1.58	4.00	0.10	<0.02	0.11	0.022	0.06	14.1	9.7	0.13	319	1.43
1500x7350	3.27	13.0	1.49	4.06	0.08	0.03	0.03	0.027	0.05	17.1	13.8	0.17	209	3.72
1500x7450	3.29	7.7	1.10	3.69	0.10	<0.02	0.04	0.019	0.08	14.4	9.6	0.20	221	1.48
1500x7550	3.00	11.2	2.04	8.86	0.10	<0.02	0.04	0.023	0.06	15.7	14.2	0.18	155	1.57
1500x7650	2.41	14.9	2.45	6.00	0.10	0.13	0.02	0.030	0.05	13.2	12.1	0.27	230	1.02
1500x7750	4.55	18.1	12.1	8.67	0.19	0.03	0.14	0.045	0.13	27.5	15.1	0.32	19100	23.4
1500x7850	2.62	6.5	1.26	5.31	0.09	<0.02	0.02	0.017	0.05	13.8	7.6	0.16	146	0.77
1500x7950	2.94	14.5	2.58	9.04	0.09	0.04	0.08	0.028	0.06	10.9	22.5	0.21	618	1.16
1500x8050	1.53	11.9	2.18	10.4	0.08	<0.02	0.03	0.020	0.05	12.6	10.7	0.16	162	1.07
1500x8150	1.39	13.2	1.98	7.25	0.10	<0.02	0.03	0.017	0.04	10.2	8.1	0.09	153	0.95
1500x8250	2.28	13.0	2.45	9.09	0.09	0.07	0.07	0.027	0.08	11.5	19.4	0.23	412	1.05
1500x8350	<0.05	0.2	2.23	0.05	<0.05	<0.02	<0.01	<0.005	0.06	<0.1	0.1	0.21	171	<0.05
1500x8450	1.30	13.8	1.80	5.91	0.10	0.02	0.04	0.013	0.05	12.4	4.7	0.10	209	1.19
1600x6750	9.16	36.1	3.10	8.48	0.16	0.11	0.20	0.053	0.33	42.9	35.1	0.54	1800	3.52
1600x6800	0.49	21.1	1.94	4.57	0.08	0.37	0.04	0.020	0.09	6.5	9.8	0.56	354	3.56
1600x6850	7.01	34.6	1.48	6.41	0.15	0.23	0.28	0.041	0.18	42.6	22.1	0.29	776	3.28
1600x6950	2.96	11.8	1.31	5.98	0.08	<0.02	0.02	0.018	0.09	13.6	13.4	0.25	479	1.33
1600x7050	1.44	7.2	0.81	4.27	0.07	<0.02	0.03	0.011	0.04	10.4	4.2	0.11	98	1.64
1600x7150	1.26	17.3	0.63	5.43	0.08	<0.02	0.05	0.014	0.04	11.7	5.4	0.06	80	1.01
1600x7250	2.53	6.7	1.62	5.32	0.09	<0.02	0.05	0.020	0.05	13.6	13.2	0.12	125	1.46

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
1600x7350	7.06	18.6	1.29	9.97	0.10	<0.02	0.08	0.033	0.19	10.6	7.5	0.14	1480	2.80
1600x7450	2.76	6.1	1.24	6.09	0.10	<0.02	0.05	0.020	0.05	14.4	13.2	0.09	87	1.67
1600x7550	2.76	11.7	1.21	4.03	0.08	<0.02	0.05	0.017	0.07	13.6	9.6	0.18	349	1.03
1600x7650	3.19	8.1	1.68	6.09	0.09	0.03	0.07	0.026	0.05	10.8	13.6	0.14	120	0.95
1600x7750	1.71	7.8	1.87	7.58	0.10	0.03	0.04	0.023	0.05	9.2	5.5	0.15	137	0.88
1600x7850	2.47	9.4	1.83	5.00	0.09	0.05	0.09	0.027	0.04	9.6	12.2	0.20	159	0.98
1600x7950	1.66	9.3	1.87	9.04	0.08	<0.02	0.10	0.021	0.08	10.9	13.4	0.19	201	1.28
1600x8050	1.88	11.2	2.53	10.0	0.10	0.03	0.10	0.027	0.06	9.3	16.1	0.18	279	1.17
1600x8150	2.07	8.8	2.23	11.0	0.10	0.07	0.08	0.025	0.06	12.9	23.3	0.22	204	1.15
1600x8250	1.14	6.7	2.20	9.95	0.10	<0.02	0.05	0.021	0.04	11.0	7.4	0.16	130	0.90
1600x8350	1.63	7.4	2.05	7.89	0.10	<0.02	0.03	0.019	0.06	11.3	11.2	0.13	289	0.89
1600x8450	1.52	11.4	2.02	5.58	0.09	<0.02	0.04	0.014	0.05	12.5	2.8	0.09	119	1.00
1700x6750	2.97	8.8	1.29	4.12	0.09	<0.02	0.02	0.018	0.06	13.0	16.6	0.17	161	1.96
1700x6850	7.50	9.8	1.83	5.15	0.08	<0.02	0.03	0.022	0.07	12.6	20.1	0.17	579	2.34
1700x6950	6.50	14.1	1.63	4.58	0.11	<0.02	0.04	0.023	0.08	18.3	19.9	0.25	600	4.26
1700x7050	2.36	5.3	0.93	4.72	0.08	<0.02	0.02	0.011	0.05	10.9	8.1	0.09	74	1.30
1700x7150	0.72	2.8	0.58	4.13	0.08	<0.02	0.02	0.006	0.04	11.0	1.0	0.03	70	0.79
1700x7250	4.15	11.3	1.12	6.48	0.09	<0.02	0.02	0.014	0.08	19.8	7.8	0.13	191	1.59
1700x7350	2.09	4.3	0.71	3.45	0.09	<0.02	0.01	0.009	0.04	14.8	3.7	0.07	96	0.66
1700x7450	1.79	4.4	0.92	4.27	0.09	<0.02	0.04	0.012	0.06	15.8	5.9	0.06	169	1.09
1700x7500	0.83	9990	3.08	4.72	0.05	0.21	1.03	0.059	0.20	6.8	7.9	0.77	412	543
1700x7550	3.02	9.5	1.55	6.42	0.05	0.02	0.05	0.017	0.06	12.3	10.0	0.13	143	3.57
1700x7650	4.51	19.4	2.25	12.1	0.08	0.02	0.06	0.035	0.11	20.6	13.1	0.29	2960	1.60
1700x7750	1.98	6.1	0.92	5.11	0.05	<0.02	0.03	0.013	0.05	12.0	2.5	0.07	69	0.70
1700x7850	2.50	8.1	1.51	6.90	<0.05	0.05	0.05	0.026	0.05	10.1	17.4	0.17	125	1.51
1700x7950	4.58	19.2	1.86	7.81	0.08	0.02	0.08	0.034	0.07	31.8	20.2	0.29	1580	1.87
1700x8050	3.14	10.3	2.35	9.45	0.05	0.04	0.07	0.029	0.08	9.9	25.8	0.23	959	0.99
1700x8150	2.12	8.7	1.85	8.78	0.06	0.02	0.06	0.028	0.05	9.7	21.1	0.15	136	0.84
1700x8250	0.93	7.2	2.27	9.67	0.06	0.06	0.03	0.023	0.03	8.9	7.5	0.14	205	0.86
1700x8350	2.39	7.3	1.88	9.68	0.06	0.03	0.03	0.022	0.06	11.4	17.0	0.17	140	0.76
1700x8450	2.56	16.7	2.95	9.66	0.06	0.04	0.06	0.025	0.08	10.6	16.3	0.22	201	1.11
1800x6750	6.04	19.6	1.40	5.54	0.05	<0.02	0.05	0.024	0.09	15.8	16.6	0.14	1070	3.14

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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	
1800x6850		5.44	4.9	1.21	6.06	<0.05	<0.02	0.06	0.020	0.06	12.2	10.4	0.09	345	1.89
1800x6950		3.12	5.8	1.06	3.18	0.05	0.02	0.02	0.016	0.05	12.7	11.6	0.17	326	1.42
1800x7050		2.18	6.7	1.34	3.59	0.06	<0.02	0.02	0.018	0.06	13.6	13.1	0.19	301	2.11
1800x7150		5.38	16.8	1.73	7.30	0.05	<0.02	0.05	0.035	0.14	16.6	18.3	0.30	651	1.58
1800x7250		2.88	6.4	1.13	7.86	0.05	<0.02	0.02	0.015	0.05	11.8	3.8	0.15	131	0.74
1800x7350		3.27	9.8	2.10	8.45	0.06	0.04	0.06	0.035	0.06	12.4	17.7	0.18	298	1.55
1800x7450		1.04	5.8	0.51	4.05	0.06	<0.02	0.02	0.007	0.04	14.8	0.9	0.04	75	0.52
1800x7550		1.91	2.8	0.41	4.46	0.05	0.02	0.02	0.007	0.03	12.3	1.4	0.03	51	0.68
1800x7650		2.75	5.7	0.99	5.35	0.05	<0.02	0.03	0.015	0.04	11.4	7.2	0.12	108	0.68
1800x7750		2.04	15.1	1.83	7.62	0.06	0.03	0.04	0.029	0.09	11.6	7.3	0.36	1200	1.29
1800x7850		1.67	9.8	1.91	4.35	0.06	0.05	0.03	0.023	0.05	13.8	7.2	0.20	326	0.75
1800x7950		1.54	5.9	1.88	7.95	0.06	0.09	0.02	0.024	0.04	9.3	8.4	0.11	270	0.87
1800x8050		1.26	14.3	1.83	7.96	0.05	<0.02	0.03	0.017	0.05	10.2	6.9	0.13	243	1.09
1800x8100		0.37	22.7	2.00	5.13	0.06	0.38	0.04	0.023	0.09	6.3	9.9	0.56	371	3.75
1800x8150		1.56	11.9	2.09	9.05	0.05	0.04	0.04	0.022	0.05	10.1	7.8	0.13	292	1.16
1800x8250		0.88	5.1	1.28	5.85	0.05	0.03	0.02	0.014	0.03	10.6	2.3	0.07	99	0.68
1800x8350		2.37	9.3	1.72	7.70	0.06	0.06	0.05	0.024	0.04	11.4	15.6	0.15	243	1.02
1800x8450		2.72	6.5	1.30	6.22	<0.05	0.03	0.02	0.020	0.05	10.0	12.8	0.21	161	0.52
1900x6750		12.6	14.4	2.52	10.3	0.06	0.04	0.05	0.048	0.14	18.0	22.8	0.34	1360	3.25
1900x6850		4.14	5.3	1.60	6.33	0.05	0.04	0.08	0.025	0.06	10.7	9.4	0.12	359	1.13
1900x6950		2.14	4.5	0.76	4.92	0.05	<0.02	0.02	0.010	0.05	12.5	2.3	0.05	116	1.39
1900x7050		4.75	9.5	2.01	5.84	0.06	0.03	0.04	0.030	0.05	11.7	25.7	0.19	154	5.97
1900x7150		1.69	5.4	1.06	4.67	<0.05	<0.02	0.02	0.011	0.05	10.6	4.0	0.09	128	1.65
1900x7250		2.62	5.4	1.08	5.87	<0.05	<0.02	0.02	0.012	0.05	11.2	6.3	0.11	85	0.79
1900x7350		2.78	11.1	2.43	7.03	0.06	0.04	0.07	0.034	0.05	10.9	19.3	0.20	188	1.59
1900x7450		2.22	16.2	2.23	7.98	0.06	<0.02	0.11	0.025	0.07	12.2	13.6	0.16	171	1.42
1900x7550		2.12	5.4	0.74	4.08	<0.05	<0.02	0.05	0.016	0.05	14.6	6.4	0.08	126	0.81
1900x7650		1.23	4.8	1.40	4.87	<0.05	<0.02	0.03	0.016	0.04	10.7	7.9	0.06	90	1.11
1900x7750		2.08	5.9	1.60	4.63	0.06	0.07	0.06	0.027	0.04	11.1	13.5	0.11	119	1.04
1900x7850		2.48	8.0	1.46	4.65	<0.05	0.05	0.03	0.022	0.06	12.3	9.2	0.20	205	0.68
1900x7950		1.61	6.7	0.87	5.24	<0.05	0.04	0.02	0.016	0.05	10.6	4.8	0.13	155	0.54
1900x8050		1.18	11.8	1.27	5.52	<0.05	0.02	0.06	0.015	0.07	8.3	4.7	0.10	198	0.99

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
1900x8150	1.77	9.3	1.83	8.30	0.05	0.03	0.03	0.020	0.06	9.8	11.1	0.19	222	0.75
1900x8250	1.31	14.6	2.39	9.10	0.05	0.02	0.04	0.022	0.07	9.5	8.2	0.15	146	0.86
1900x8350	1.23	10.3	2.02	7.75	0.05	<0.02	0.04	0.017	0.05	10.7	6.9	0.13	146	0.83
1900x8450	2.61	8.8	1.53	6.17	0.05	0.02	0.02	0.022	0.07	10.9	9.9	0.28	266	0.54
2000x6750	2.81	12.5	1.75	4.77	<0.05	0.05	0.03	0.017	0.08	8.4	11.2	0.14	240	2.41
2000x6850	4.37	7.4	1.75	3.98	<0.05	0.05	0.02	0.022	0.07	12.1	11.9	0.22	413	1.09
2000x6900	0.84	9820	3.28	4.60	<0.05	0.25	1.05	0.063	0.23	6.7	8.8	0.85	463	558
2000x6950	3.89	7.7	1.85	5.83	<0.05	0.06	0.06	0.028	0.06	9.6	12.8	0.14	290	2.05
2000x7050	3.08	5.8	0.66	4.11	<0.05	<0.02	0.02	0.010	0.05	11.4	5.2	0.06	83	1.16
2000x7150	1.98	7.3	1.65	4.23	<0.05	<0.02	0.05	0.020	0.05	10.4	8.3	0.13	232	1.62
2000x7250	7.17	16.4	1.91	6.94	0.05	<0.02	0.03	0.031	0.11	19.4	23.6	0.37	359	1.17
2000x7350	3.34	7.5	1.07	6.16	<0.05	<0.02	0.03	0.013	0.06	11.1	7.4	0.13	95	0.69
2000x7450	1.71	10.5	1.58	3.26	<0.05	0.04	0.02	0.018	0.05	11.1	8.2	0.18	199	0.99
2000x7550	1.40	6.6	0.91	3.01	<0.05	<0.02	0.04	0.014	0.06	12.1	4.6	0.10	100	0.61
2000x7650	2.62	8.8	1.19	5.74	<0.05	<0.02	0.03	0.015	0.07	11.6	6.3	0.12	152	1.07
2000x7750	2.04	12.7	2.15	6.20	0.06	0.03	0.07	0.027	0.05	9.9	10.3	0.14	544	1.46
2000x7850	1.88	13.5	1.14	5.89	0.06	<0.02	0.05	0.024	0.07	17.8	10.0	0.12	238	1.12
2000x7950	1.59	8.8	1.36	3.85	0.05	0.04	0.02	0.019	0.05	12.6	7.1	0.16	238	0.73
2000x8050	5.79	35.1	2.02	15.3	0.18	0.14	0.34	0.061	0.20	81.6	26.9	0.32	274	0.85
2000x8150	2.13	10.3	1.65	4.85	0.06	0.03	0.03	0.022	0.06	21.4	10.7	0.26	430	0.58
2000x8250	4.53	37.1	1.12	8.01	0.15	0.09	0.34	0.037	0.13	80.3	16.2	0.30	945	0.43
2000x8350	1.62	10.1	2.20	5.89	0.05	0.05	0.04	0.019	0.06	10.3	9.6	0.17	320	0.79
2000x8450	2.15	8.8	2.44	6.65	0.05	0.09	0.06	0.022	0.06	9.6	13.7	0.17	294	0.84
2100x6750	3.66	6.6	1.84	5.68	0.05	0.03	0.05	0.022	0.06	11.8	10.2	0.13	309	1.49
2100x6850	5.20	11.1	1.80	5.11	0.06	<0.02	0.03	0.023	0.07	12.8	17.7	0.16	614	1.83
2100x6950	4.32	7.6	1.36	4.90	<0.05	<0.02	0.02	0.016	0.05	10.9	14.3	0.20	154	0.64
2100x7050	7.46	15.4	2.13	7.88	0.05	<0.02	0.03	0.029	0.15	13.4	17.6	0.30	1160	2.79
2100x7150	3.30	11.9	3.20	10.0	0.06	<0.02	0.06	0.033	0.07	9.2	15.7	0.17	201	2.20
2100x7250	3.05	30.1	1.50	6.01	0.05	<0.02	0.02	0.014	0.08	10.4	6.7	0.12	134	2.05
2100x7350	1.97	10.5	1.42	6.06	<0.05	<0.02	0.03	0.012	0.06	11.2	6.1	0.11	166	1.00
2100x7450	3.19	11.1	2.07	6.17	0.06	<0.02	0.05	0.022	0.08	11.4	18.2	0.20	107	0.72
2100x7550	2.36	4.8	1.39	6.31	<0.05	0.03	0.01	0.008	0.07	13.6	1.0	0.05	209	0.91

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
2100x7600	0.35	23.6	2.02	4.63	<0.05	0.30	0.04	0.017	0.09	5.8	7.4	0.56	369	3.45
2100x7650	2.48	20.0	1.24	4.66	<0.05	0.03	0.06	0.015	0.08	20.2	4.6	0.15	195	1.36
2100x7750	2.56	9.6	2.05	4.96	<0.05	<0.02	0.04	0.019	0.06	11.6	6.3	0.11	1280	1.31
2100x7850	1.81	7.3	1.24	3.90	<0.05	0.03	0.03	0.017	0.04	12.9	5.5	0.14	115	0.54
2100x7950	2.72	9.9	1.43	6.81	<0.05	<0.02	0.04	0.018	0.07	13.3	3.9	0.12	547	3.16
2100x8050	1.17	11.6	0.88	4.02	<0.05	<0.02	0.03	0.009	0.04	11.3	1.1	0.04	88	1.82
2100x8150	1.52	5.7	1.49	4.34	<0.05	0.04	0.03	0.017	0.03	9.9	6.4	0.12	164	0.74
2100x8250	1.67	6.6	2.16	6.55	<0.05	0.02	0.03	0.020	0.04	11.1	5.4	0.11	438	0.91
2100x8350	1.31	9.2	1.50	5.46	<0.05	<0.02	0.03	0.011	0.05	14.8	4.0	0.09	101	0.90
2100x8450	1.65	6.3	2.03	6.49	<0.05	0.03	0.04	0.017	0.05	10.2	8.2	0.10	158	0.85
2200x8050	1.76	6.1	1.46	4.34	<0.05	0.04	0.04	0.018	0.03	8.4	6.2	0.11	136	0.84
2200x8150	1.42	10.1	1.61	3.93	<0.05	0.03	0.02	0.017	0.06	14.7	6.1	0.20	439	1.24
2200x8250	6.20	32.5	2.34	11.8	0.17	0.14	0.32	0.046	0.16	103	17.1	0.38	331	0.54
2200x8350	2.22	11.1	2.90	6.94	<0.05	0.11	0.04	0.025	0.06	11.0	9.1	0.22	245	0.93
2200x8450	1.77	10.4	1.84	4.16	<0.05	0.04	0.03	0.016	0.05	10.8	4.9	0.16	151	0.72
2300x8050	2.49	11.3	1.75	10.4	<0.05	0.03	0.07	0.035	0.09	17.2	15.9	0.27	1780	6.33
2300x8150	1.90	11.6	2.83	7.48	<0.05	0.04	0.04	0.024	0.06	10.0	12.7	0.27	212	1.07
2300x8250	1.92	9.2	1.82	5.18	<0.05	0.03	0.03	0.020	0.04	11.5	8.1	0.20	163	0.64
2300x8350	1.34	6.3	1.63	4.77	<0.05	0.04	0.03	0.016	0.03	9.2	8.1	0.12	118	0.86
2300x8450	1.77	8.3	2.00	4.89	<0.05	0.07	0.03	0.018	0.04	10.0	6.4	0.16	188	0.77
2400x8050	3.27	16.7	1.76	10.2	<0.05	0.04	0.06	0.038	0.13	18.0	16.4	0.32	750	1.60
2400x8150	2.23	11.9	2.83	9.86	<0.05	0.02	0.05	0.032	0.07	9.7	11.7	0.23	211	1.17
2400x8250	1.49	7.0	1.80	6.97	<0.05	<0.02	0.05	0.022	0.04	9.2	10.3	0.11	237	0.96
2400x8350	1.60	5.6	1.66	5.47	<0.05	<0.02	0.04	0.014	0.03	9.8	4.8	0.08	631	0.93
2400x8450	2.26	8.2	2.03	4.57	<0.05	0.05	0.04	0.022	0.04	10.2	9.2	0.16	162	0.94
2400x8500	0.85	9400	3.01	4.50	<0.05	0.21	1.03	0.054	0.19	6.6	6.8	0.74	384	515
2500x8050	1.74	7.6	1.54	4.65	<0.05	0.03	0.03	0.022	0.08	13.4	8.1	0.29	238	1.17
2500x8150	1.37	10.1	2.04	7.95	<0.05	0.05	0.05	0.019	0.11	9.8	10.0	0.16	397	0.95
2500x8250	2.42	19.2	2.67	7.46	<0.05	0.04	0.07	0.024	0.05	9.5	12.8	0.22	905	1.09
2500x8350	2.18	14.3	2.61	7.90	<0.05	0.02	0.04	0.026	0.06	10.9	9.6	0.23	358	0.96
2500x8450	2.07	8.6	1.96	6.81	<0.05	0.05	0.03	0.020	0.05	9.6	9.8	0.21	215	0.70
9200x2650	1.86	3.6	1.23	7.34	<0.05	<0.02	0.04	0.014	0.03	9.9	4.3	0.05	82	0.68

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
9200x2750		2.69	4.1	1.50	6.50	<0.05	0.03	0.03	0.015	0.03	9.9	3.4	0.06	88	0.67
9200x2850		2.21	4.7	1.37	7.39	<0.05	0.03	0.02	0.014	0.04	8.9	3.5	0.09	122	0.81
9200x2950		1.98	4.3	1.08	4.24	<0.05	0.07	0.02	0.014	0.03	11.2	5.3	0.13	141	0.47
9200x3050		1.73	7.0	1.27	4.16	<0.05	0.03	0.02	0.017	0.04	11.5	5.8	0.18	173	0.71
9200x3150		4.25	15.8	1.89	7.20	<0.05	0.02	0.02	0.029	0.07	16.9	12.5	0.27	448	2.04
9200x3250		6.82	26.3	2.31	7.16	<0.05	0.02	0.06	0.036	0.07	26.1	15.0	0.27	2060	2.62
9200x3350		1.04	3.6	0.46	3.86	<0.05	<0.02	0.02	0.006	0.02	9.0	0.8	0.02	46	0.51
9200x3450		1.33	6.9	1.68	7.53	<0.05	<0.02	0.04	0.015	0.04	10.6	4.7	0.08	118	0.80
9200x3550		5.04	6.2	1.72	9.01	<0.05	0.02	0.06	0.020	0.04	10.7	12.4	0.17	350	0.95
9300x2650		4.83	7.3	1.84	8.44	<0.05	0.03	0.07	0.026	0.04	10.3	8.8	0.08	109	1.21
9300x2750		1.85	4.9	1.64	8.81	<0.05	0.06	0.02	0.014	0.03	9.3	2.0	0.06	89	0.95
9300x2850		3.48	5.4	0.97	4.22	<0.05	0.04	0.01	0.014	0.04	11.6	3.6	0.09	311	0.61
9300x2950		3.83	5.5	0.97	4.92	<0.05	0.03	0.01	0.010	0.03	10.3	1.8	0.05	71	0.58
9300x3050		3.61	8.4	1.59	4.56	<0.05	0.03	0.02	0.019	0.04	12.4	6.3	0.18	230	0.75
9300x3150		3.16	11.8	1.18	4.36	<0.05	<0.02	0.07	0.019	0.05	14.6	5.9	0.14	2360	1.54
9300x3250		2.34	13.6	1.44	4.43	<0.05	0.05	0.01	0.016	0.04	10.2	5.9	0.18	230	0.95
9300x3350		3.02	7.3	1.02	4.17	<0.05	0.04	0.02	0.016	0.04	13.2	6.6	0.14	257	0.55
9300x3400		0.40	23.3	2.11	4.98	<0.05	0.38	0.03	0.021	0.10	6.4	8.0	0.58	380	3.48
9300x3450		3.51	5.6	2.09	5.00	<0.05	0.08	0.05	0.021	0.04	7.5	8.5	0.13	223	0.77
9300x3550		6.09	9.0	2.61	10.3	<0.05	0.09	0.07	0.034	0.05	9.2	18.4	0.20	193	1.39
9400x2650		3.44	8.2	2.18	5.35	<0.05	0.05	0.08	0.023	0.04	10.2	8.6	0.14	186	0.93
9400x2750		3.59	6.1	1.91	5.59	<0.05	0.12	0.07	0.024	0.04	10.8	8.3	0.10	182	0.84
9400x2850		2.75	6.0	1.72	5.78	<0.05	0.04	0.03	0.019	0.04	9.2	4.8	0.08	124	0.75
9400x2950		4.50	7.3	2.16	7.39	<0.05	0.03	0.04	0.020	0.04	9.7	5.2	0.09	120	0.85
9400x3050		2.30	6.8	1.62	6.24	<0.05	0.04	0.02	0.015	0.04	10.0	6.6	0.11	141	0.80
9400x3150		1.98	5.7	2.30	5.36	<0.05	0.04	0.03	0.018	0.04	9.0	4.9	0.11	138	1.13
9400x3250		1.91	6.0	0.81	3.42	<0.05	0.05	0.02	0.010	0.05	9.6	1.6	0.08	89	0.78
9400x3350		1.46	6.1	2.22	8.71	<0.05	0.05	0.02	0.018	0.03	8.6	3.3	0.06	108	1.13
9400x3450		0.85	9.6	0.41	0.84	<0.05	0.09	0.19	0.006	0.04	26.0	0.6	0.16	670	0.90
9400x3550		0.99	6.2	1.61	5.74	<0.05	0.04	0.02	0.010	0.03	10.6	1.0	0.04	110	0.88
9500x2650		2.79	6.7	2.27	6.44	<0.05	0.03	0.06	0.025	0.04	11.9	7.0	0.10	313	1.04
9500x2750		2.32	4.5	0.94	5.49	<0.05	0.03	0.02	0.010	0.05	11.2	1.8	0.06	103	0.51

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
9500x2850		2.56	6.3	1.57	7.05	<0.05	0.04	0.06	0.014	0.04	9.7	1.9	0.07	96	0.73
9500x2950		8.60	20.7	1.65	6.60	<0.05	<0.02	0.04	0.029	0.08	20.0	26.3	0.23	694	2.53
9500x3050		3.24	5.3	0.94	4.40	<0.05	0.03	0.01	0.009	0.04	11.0	0.9	0.03	93	0.95
9500x3150		5.64	14.8	1.98	6.49	<0.05	0.03	0.05	0.028	0.07	21.7	20.0	0.25	966	2.18
9500x3250		2.05	9.1	0.84	3.93	<0.05	<0.02	0.04	0.015	0.05	13.6	2.8	0.07	243	0.97
9500x3350		2.51	6.4	0.52	4.66	<0.05	<0.02	0.03	0.011	0.05	12.1	1.6	0.05	64	0.56
9500x3450		2.14	4.9	0.68	5.06	<0.05	0.03	0.03	0.013	0.04	8.6	3.2	0.08	87	0.40
9500x3550		3.81	21.8	9.61	5.84	0.08	0.04	0.15	0.038	0.05	25.2	9.9	0.15	1210	12.9
9600x2650		2.50	7.1	2.18	9.12	<0.05	0.02	0.04	0.023	0.05	12.4	8.4	0.12	122	1.14
9600x2750		3.35	10.8	2.34	7.45	<0.05	<0.02	0.07	0.024	0.05	11.0	10.5	0.10	93	1.23
9600x2800		0.95	9900	3.59	5.02	<0.05	0.20	1.03	0.057	0.24	7.3	7.4	0.89	450	536
9600x2850		0.87	6.5	0.26	3.10	<0.05	<0.02	0.02	0.006	0.04	13.3	0.7	0.03	49	1.95
9600x2950		2.04	7.6	1.11	5.25	<0.05	0.05	0.01	0.009	0.04	9.5	1.2	0.07	94	1.36
9600x3050		1.94	4.1	1.07	2.82	<0.05	0.06	0.02	0.016	0.05	14.7	4.9	0.16	132	0.62
9600x3150		1.94	7.2	1.88	3.97	<0.05	0.05	0.04	0.018	0.04	10.7	4.8	0.13	157	1.02
9600x3250		4.16	16.4	1.86	6.52	<0.05	0.02	0.04	0.032	0.08	21.3	11.2	0.28	491	1.92
9600x3350		4.74	14.0	2.54	7.79	<0.05	<0.02	0.08	0.036	0.09	17.4	12.8	0.30	4050	2.67
9600x3450		5.28	19.9	2.22	7.60	<0.05	0.02	0.10	0.036	0.10	19.5	14.2	0.28	1040	1.67
9600x3550		1.54	3.0	0.90	4.04	<0.05	0.03	0.02	0.008	0.03	8.6	1.0	0.03	72	0.53
9700x2650		1.43	16.1	1.18	6.38	<0.05	0.04	0.03	0.011	0.05	12.5	1.4	0.06	90	3.07
9700x2750		6.83	13.9	2.43	9.26	<0.05	0.02	0.03	0.038	0.07	19.7	44.2	0.33	1190	13.4
9700x2850		2.93	6.2	1.28	5.54	<0.05	<0.02	0.04	0.020	0.05	12.4	7.3	0.13	116	0.58
9700x2950		1.86	4.7	0.74	3.75	<0.05	0.03	0.02	0.012	0.04	10.7	5.0	0.11	103	1.12
9700x3050		1.70	9.3	0.85	4.45	<0.05	0.03	0.02	0.014	0.04	11.1	5.0	0.13	120	0.85
9700x3150		4.04	9.0	1.45	6.30	<0.05	<0.02	0.02	0.023	0.05	12.6	11.9	0.22	524	0.82
9700x3250		2.30	6.6	1.84	6.02	<0.05	0.05	0.04	0.028	0.03	11.9	10.7	0.13	133	0.97
9700x3350		3.03	9.9	1.73	4.89	<0.05	0.08	0.02	0.026	0.06	17.7	7.3	0.22	386	0.83
9700x3450		2.20	7.2	2.47	4.45	<0.05	0.10	0.04	0.024	0.03	10.5	8.9	0.15	142	0.99
9700x3550		0.50	4.0	1.09	4.85	<0.05	0.03	0.02	0.010	0.02	7.5	0.9	0.03	73	0.71
9800x2650		1.45	4.5	0.75	5.85	<0.05	0.02	0.03	0.012	0.03	11.0	3.4	0.05	133	1.84
9800x2750		2.37	4.8	1.15	7.40	<0.05	0.05	0.02	0.014	0.04	12.5	2.8	0.07	101	0.86
9800x2850		3.63	5.4	0.90	5.17	<0.05	0.02	0.02	0.013	0.04	12.1	3.5	0.11	78	0.58

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
9800x2950		1.63	5.2	1.07	5.79	<0.05	0.03	0.06	0.014	0.03	11.0	5.3	0.07	66	0.67
9800x3050		3.26	6.2	1.21	5.40	<0.05	0.03	0.02	0.016	0.04	11.3	9.0	0.16	131	0.54
9800x3150		1.30	6.7	0.98	5.47	<0.05	0.04	0.02	0.011	0.03	10.3	1.4	0.04	67	0.66
9800x3200		0.35	20.0	1.91	4.58	<0.05	0.31	0.04	0.020	0.08	5.7	7.7	0.52	321	3.31
9800x3250		1.72	8.0	2.19	4.87	<0.05	0.09	0.04	0.028	0.03	8.8	8.5	0.20	184	0.92
9800x3350		1.93	8.9	0.96	5.45	<0.05	0.03	0.02	0.011	0.02	8.9	1.3	0.03	60	1.11
9800x3450		2.04	6.2	1.21	3.91	<0.05	0.03	0.01	0.009	0.04	8.4	1.2	0.04	96	0.84
9800x3550		1.74	5.9	1.93	6.67	<0.05	0.04	0.03	0.015	0.03	8.1	2.3	0.08	96	0.97
9900x2650		1.89	6.6	2.20	6.96	<0.05	0.04	0.04	0.022	0.03	10.5	6.3	0.12	147	0.92
9900x2750		2.12	3.6	0.85	4.73	<0.05	0.09	0.01	0.013	0.03	11.3	3.9	0.11	112	0.39
9900x2850		2.37	3.5	0.78	4.92	<0.05	0.03	0.02	0.012	0.04	10.5	6.4	0.09	80	0.46
9900x2950		4.40	36.2	2.37	8.36	<0.05	0.03	0.04	0.024	0.07	11.1	9.5	0.20	249	3.25
9900x3050		7.05	8.6	1.86	9.50	<0.05	0.06	0.06	0.031	0.05	9.2	13.4	0.20	69	1.09
9900x3150		5.64	5.5	1.36	6.50	<0.05	0.05	0.06	0.029	0.03	9.9	11.5	0.08	225	1.48
9900x3250		6.41	10.5	2.39	8.75	<0.05	0.07	0.05	0.066	0.05	9.0	11.3	0.18	453	1.82
9900x3350		2.97	9.8	1.43	7.95	<0.05	0.06	0.02	0.017	0.03	11.4	2.3	0.06	180	2.07
9900x3450		1.66	5.6	2.35	7.95	<0.05	0.09	0.01	0.016	0.03	8.1	3.1	0.09	115	1.38
9900x3550		1.13	5.0	1.56	4.58	<0.05	0.04	0.02	0.009	0.03	8.5	0.9	0.03	81	0.73
0000x2650		1.29	2.8	1.04	6.08	<0.05	0.04	0.02	0.013	0.03	11.0	3.5	0.05	76	0.87
0000x2750		2.10	7.0	2.18	5.62	<0.05	0.08	0.04	0.024	0.04	10.6	8.5	0.15	143	0.96
0000x2850		2.05	3.1	0.71	4.55	<0.05	0.04	0.01	0.012	0.04	11.6	3.8	0.09	80	0.56
0000x2950		1.77	3.7	0.80	6.04	<0.05	0.06	0.02	0.013	0.03	10.7	3.8	0.06	78	0.55
0000x3050		5.62	5.7	1.79	6.55	<0.05	0.04	0.05	0.024	0.04	11.8	8.2	0.08	99	1.76
0000x3150		15.2	16.5	3.29	10.7	<0.05	0.02	0.07	0.035	0.10	11.0	17.0	0.26	1700	5.64
0000x3250		2.29	10.8	1.45	10.8	<0.05	0.06	0.03	0.016	0.05	6.6	4.0	0.14	227	1.21
0000x3350		5.38	5.4	2.09	5.43	<0.05	0.05	0.06	0.037	0.03	9.1	9.2	0.11	218	2.41
0000x3450		0.94	5.2	0.52	3.39	<0.05	0.03	0.01	0.006	0.03	8.6	0.9	0.03	60	1.53
0000x3550		1.44	4.4	0.88	5.37	<0.05	0.03	0.01	0.008	0.04	11.0	1.2	0.03	78	0.61
0000x3600		0.88	9820	3.38	4.63	<0.05	0.22	1.04	0.057	0.19	6.9	7.3	0.81	413	547
0124x2669		2.96	11.8	1.65	4.51	<0.05	0.03	0.03	0.020	0.05	20.5	7.1	0.15	679	5.64
0100x2750		8.80	14.5	2.39	5.70	<0.05	0.02	0.04	0.027	0.08	18.9	21.3	0.27	813	1.57
0100x2850		2.41	6.0	1.86	4.50	<0.05	0.02	0.02	0.013	0.04	9.5	8.0	0.12	213	1.68

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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	0.01	1	0.05	
0100x2950		6.74	7.9	2.53	6.21	<0.05	0.05	0.05	0.030	0.05	9.9	13.2	0.14	166	3.47
0100x3050		5.90	6.3	1.79	6.30	<0.05	<0.02	0.03	0.017	0.04	10.6	7.1	0.08	291	1.54
0100x3150		6.81	9.1	1.87	6.92	<0.05	<0.02	0.06	0.024	0.07	7.8	6.6	0.11	719	1.58
0100x3250		1.88	28.0	0.70	5.11	<0.05	<0.02	0.04	0.012	0.10	7.2	2.6	0.05	216	1.87
0100x3350		2.49	10.9	0.99	4.92	<0.05	<0.02	0.03	0.009	0.05	8.5	1.5	0.04	122	1.26
0100x3450		5.16	12.8	2.24	8.91	<0.05	<0.02	0.02	0.039	0.07	10.3	43.5	0.21	737	7.66
0100x3550		0.82	2.9	0.83	3.56	<0.05	<0.02	<0.01	0.006	0.03	9.5	0.8	0.02	69	1.23
0200x2750		4.79	11.0	2.28	4.81	<0.05	0.02	0.02	0.022	0.06	13.8	11.9	0.23	501	1.26
0200x2850		4.88	6.2	2.12	4.99	<0.05	0.05	0.05	0.022	0.04	9.8	11.8	0.16	255	1.08
0200x2950		7.05	8.8	2.02	6.47	<0.05	0.04	0.04	0.023	0.07	10.6	13.6	0.20	187	2.91
0200x3050		2.93	6.7	2.09	5.12	<0.05	0.04	0.03	0.020	0.04	8.4	9.0	0.13	168	0.91
0200x3150		5.32	8.9	1.61	4.33	<0.05	<0.02	0.04	0.014	0.04	11.0	4.1	0.07	109	6.10
0200x3250		2.08	9.8	0.77	5.85	<0.05	<0.02	0.03	0.017	0.06	7.0	6.2	0.11	150	2.00
0200x3350		2.34	8.9	1.88	9.19	<0.05	<0.02	0.03	0.016	0.03	7.8	17.7	0.33	210	1.46
0200x3450		3.92	5.2	3.19	7.76	<0.05	0.07	0.06	0.056	0.04	8.1	9.8	0.14	587	2.51
0200x3550		1.69	7.4	2.03	5.15	<0.05	0.05	0.03	0.021	0.03	8.7	8.2	0.16	132	1.70
0300x2850		8.12	9.1	2.12	5.34	<0.05	0.02	0.05	0.027	0.09	10.1	10.7	0.17	2130	3.91
0300x2950		5.49	7.8	1.94	4.08	<0.05	0.03	0.05	0.021	0.04	10.5	7.0	0.15	437	1.44
0300x3050		18.9	8.7	1.64	4.79	<0.05	0.04	0.05	0.017	0.08	12.2	9.9	0.12	127	1.84
0300x3150		8.49	11.7	2.30	9.08	<0.05	0.05	0.06	0.031	0.08	12.5	18.6	0.17	227	4.61
0300x3250		1.78	9.4	0.94	7.36	<0.05	<0.02	0.02	0.014	0.04	9.8	2.6	0.07	109	1.30
0300x3300		0.41	22.1	2.05	4.72	<0.05	0.35	0.04	0.021	0.09	5.9	8.3	0.57	364	3.34
0300x3350		3.22	11.5	1.12	6.08	<0.05	0.03	0.03	0.013	0.04	8.9	2.0	0.06	180	1.61
0300x3450		2.55	6.9	2.06	6.15	<0.05	<0.02	0.05	0.019	0.03	9.2	5.0	0.09	149	3.03
0300x3550		2.75	16.9	1.81	5.27	<0.05	0.03	0.03	0.023	0.04	12.9	35.8	0.18	305	8.19
0234x2726		3.96	9.2	1.86	3.15	<0.05	<0.02	0.02	0.017	0.05	10.3	6.4	0.16	345	0.94
0260x2765		20.9	31.9	1.70	5.62	<0.05	0.19	0.13	0.031	0.09	40.6	24.7	0.31	460	6.16
70650x95250		83.9	19.0	1.67	6.07	<0.05	0.03	0.08	0.032	0.15	43.0	55.2	0.23	2410	11.9
70650x95300		4.89	7.4	1.06	4.98	<0.05	<0.02	0.02	0.011	0.06	10.8	5.0	0.10	113	1.85
70650x95350		1.94	7.1	1.03	4.71	<0.05	<0.02	0.02	0.008	0.04	12.7	0.8	0.04	93	0.79
70650x95400		3.74	5.3	1.53	3.97	<0.05	<0.02	0.02	0.007	0.07	11.7	0.9	0.06	129	2.41
70650x95450		6.45	8.3	1.66	4.67	<0.05	<0.02	0.05	0.017	0.09	22.1	9.0	0.15	259	1.89

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
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
70650x95500	24.5	13.1	1.58	5.37	<0.05	0.03	0.06	0.025	0.15	27.3	31.5	0.23	1470	3.53
70650x95550	14.3	14.4	1.86	4.72	<0.05	0.02	0.07	0.025	0.14	23.1	14.2	0.25	680	3.13
70750x95250	10.9	5.0	0.61	3.21	<0.05	<0.02	0.03	0.008	0.08	14.7	4.8	0.06	60	1.33
70750x95300	6.16	17.5	1.28	5.38	<0.05	<0.02	0.05	0.009	0.07	11.6	2.0	0.07	51	2.55
70750x95350	4.77	5.6	1.59	4.73	<0.05	<0.02	0.04	0.016	0.05	10.7	6.3	0.09	105	1.29
70750x95400	4.04	10.7	1.09	4.43	<0.05	<0.02	0.02	0.009	0.07	12.0	1.2	0.05	86	1.02
70750x95450	3.17	9.7	1.98	6.40	<0.05	<0.02	0.04	0.015	0.07	8.6	5.0	0.17	200	1.13
70750x95500	2.89	13.8	0.81	2.44	<0.05	<0.02	0.13	0.006	0.09	10.6	0.6	0.04	405	1.59
70750x95550	2.00	3.3	1.23	4.18	<0.05	0.04	0.02	0.009	0.04	10.9	1.4	0.05	86	0.98
70850x95300	23.1	11.8	1.71	5.50	<0.05	<0.02	0.05	0.021	0.06	20.9	25.2	0.18	924	13.4
70850x95350	14.4	7.7	1.24	2.58	<0.05	<0.02	0.04	0.012	0.06	15.8	10.1	0.11	236	5.09
70850x95400	3.52	8.4	1.54	5.29	<0.05	<0.02	0.02	0.010	0.04	10.4	4.3	0.10	82	3.65
70850x95450	2.67	7.2	1.25	4.14	<0.05	0.03	0.02	0.010	0.04	9.9	2.5	0.10	167	1.53
70850x95500	2.54	8.5	1.31	3.52	<0.05	<0.02	0.02	0.010	0.06	12.6	1.2	0.06	106	1.13
70850x95550	3.43	6.7	2.08	5.11	<0.05	0.02	0.05	0.021	0.05	11.8	7.2	0.08	119	3.42
70850x95600	0.86	9780	3.46	4.10	<0.05	0.19	0.97	0.050	0.22	5.8	6.7	0.87	444	477
70950x95300	3.49	10.8	1.84	5.39	0.06	0.04	0.07	0.016	0.04	10.1	5.0	0.22	229	1.28
70950x95350	8.37	18.2	1.49	3.45	<0.05	<0.02	0.02	0.011	0.05	11.4	4.3	0.12	158	1.79
70950x95400	7.13	35.5	0.94	2.46	0.06	<0.02	0.02	0.008	0.08	15.2	2.2	0.05	144	3.77
70950x95450	3.08	6.2	0.68	2.35	0.06	<0.02	0.01	0.005	0.04	13.0	0.6	0.02	84	1.84
70950x95500	35.3	19.7	1.88	9.30	0.09	0.05	0.07	0.037	0.18	38.6	43.4	0.26	2300	11.5
70950x95550	3.14	11.5	0.71	3.01	<0.05	<0.02	0.03	0.006	0.08	14.0	0.7	0.02	77	1.55
70950x95600	4.83	8.1	1.36	4.37	0.05	<0.02	0.04	0.013	0.07	12.1	6.8	0.09	200	1.52
70950x95650	3.65	6.1	1.44	4.58	0.06	<0.02	0.02	0.009	0.05	10.7	1.1	0.05	91	1.51
70950x95700	9.16	11.0	1.39	3.33	0.06	<0.02	0.02	0.013	0.06	15.2	9.7	0.15	655	2.24
70950x95750	4.25	11.4	1.29	3.46	0.05	<0.02	0.02	0.007	0.06	11.2	1.1	0.04	80	1.60
70950x95800	3.65	6.7	1.26	3.62	0.06	<0.02	0.02	0.007	0.04	9.8	0.7	0.03	66	0.99
70950x95850	2.44	14.9	0.85	4.25	0.05	<0.02	0.03	0.006	0.05	11.0	0.5	0.03	76	0.94
70950x95900	5.08	6.1	1.91	6.24	0.05	0.12	0.07	0.023	0.06	8.1	8.9	0.08	117	1.41
70950x95950	4.86	28.1	1.31	5.64	0.06	0.02	0.06	0.012	0.08	9.4	3.4	0.05	132	1.36
70950x96000	15.3	13.1	1.11	4.33	0.09	0.05	0.23	0.023	0.11	29.1	11.1	0.09	228	4.39
70950x96050	19.7	30.6	0.88	4.39	0.09	0.08	0.36	0.023	0.13	46.9	13.3	0.11	213	17.2

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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ATTENTION TO: RICHARD BECK

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

DATE SAMPLED: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
71050x95350		5.44	6.9	1.96	4.75	0.06	0.03	0.05	0.017	0.05	11.1	6.2	0.10	187	1.55
71050x95400		1.91	3.7	0.64	2.04	0.06	<0.02	0.02	<0.005	0.05	10.7	0.3	0.02	66	0.92
71050x95450		2.58	2.9	0.85	2.76	0.06	<0.02	0.01	0.006	0.04	13.1	1.3	0.03	64	0.92
71050x95500		7.57	29.7	1.42	3.41	0.06	<0.02	0.02	0.010	0.08	13.8	4.9	0.08	210	2.51
71050x95550		3.14	8.0	1.29	4.61	0.06	<0.02	0.03	0.008	0.06	12.3	1.1	0.05	126	1.08
71050x95600		2.76	5.5	0.62	3.19	0.05	<0.02	0.03	<0.005	0.04	12.3	0.4	0.02	61	0.67
71050x95650		3.39	12.8	1.41	5.53	0.06	<0.02	0.02	0.012	0.12	8.9	3.7	0.17	195	1.38
71050x95675		0.38	22.6	2.02	4.35	0.05	0.30	0.03	0.017	0.09	5.4	7.0	0.56	362	3.16
71050x95700		3.69	7.4	1.63	6.21	0.06	<0.02	0.06	0.012	0.03	9.7	2.3	0.05	146	1.35
71050x95750		4.98	7.4	1.25	5.90	0.06	<0.02	0.04	0.016	0.05	11.1	7.0	0.10	104	3.05
71050x95800		11.2	20.3	2.53	3.64	0.07	<0.02	0.09	0.025	0.05	12.0	11.1	0.20	274	1.38
71050x95850		4.77	7.0	1.38	5.36	0.06	<0.02	0.06	0.014	0.04	8.8	7.2	0.07	148	0.82
71050x95900		3.58	5.6	1.70	3.98	0.06	0.04	0.04	0.015	0.04	9.7	6.3	0.10	148	0.84
71050x95950		4.40	4.8	1.95	5.71	0.06	0.03	0.05	0.015	0.04	8.4	7.1	0.08	155	0.99
71050x96000		2.32	5.6	1.84	4.08	0.06	0.02	0.03	0.015	0.04	10.2	4.8	0.12	316	0.88
71050x96050		7.84	7.3	1.75	4.29	0.06	0.05	0.09	0.021	0.05	10.8	8.0	0.12	184	0.91
71150x95600		3.89	9.2	1.25	5.09	0.06	0.02	0.02	0.008	0.05	12.8	0.9	0.04	91	1.63
71150x95650		4.55	10.9	1.73	5.27	0.06	0.03	0.07	0.024	0.06	11.4	7.1	0.10	372	1.27
71150x95700		2.20	4.0	1.10	3.29	0.06	<0.02	0.02	0.006	0.04	11.8	0.7	0.02	70	0.96
71250x94700		6.26	5.5	1.52	6.15	0.07	<0.02	0.03	0.016	0.06	13.6	8.0	0.10	379	1.21
71250x94750		6.16	10.3	1.26	5.12	0.06	<0.02	0.04	0.014	0.05	14.6	6.0	0.07	241	1.23
71250x94800		4.66	16.2	0.75	3.23	0.06	<0.02	0.02	0.008	0.05	15.5	1.5	0.04	100	1.55
71250x95650		1.74	7.7	0.92	3.44	0.06	<0.02	0.01	0.005	0.04	11.2	0.4	0.03	81	0.99
71250x95700		2.20	8.0	1.50	4.32	0.06	<0.02	0.05	0.013	0.05	11.7	3.6	0.09	203	0.79
71250x95750		2.64	4.0	1.28	4.92	0.05	<0.02	0.04	0.012	0.04	11.4	3.9	0.05	92	0.98
71350x94550		32.5	39.6	2.12	10.5	0.07	0.06	0.36	0.059	0.13	26.9	18.3	0.19	292	11.1
71350x94600		12.5	11.5	0.87	3.29	0.06	<0.02	0.03	0.009	0.07	13.6	3.6	0.06	504	3.68
71350x94650		3.00	9.1	1.41	7.50	0.07	<0.02	0.02	0.012	0.04	9.6	3.0	0.10	151	1.67
71350x94700		7.58	7.0	1.55	6.42	0.06	0.03	0.04	0.017	0.06	12.4	6.7	0.09	230	1.47
71350x94750		9.07	6.3	1.48	6.07	0.06	<0.02	0.04	0.018	0.08	14.0	7.3	0.11	552	1.08
71350x94800		8.72	7.4	1.90	5.76	0.06	0.11	0.04	0.022	0.07	13.7	8.3	0.19	190	1.15
71350x95750		3.40	6.8	2.10	4.51	0.07	0.02	0.03	0.019	0.05	10.8	5.9	0.13	208	0.82

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

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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
71350x95800		3.96	10.2	1.71	5.24	0.07	0.02	0.04	0.014	0.05	10.9	8.1	0.14	224	0.93
71350x95850		0.94	9840	3.44	4.57	0.06	0.21	1.03	0.057	0.22	6.7	6.9	0.86	464	530
71450x94550		5.26	8.4	2.08	7.61	0.06	<0.02	0.05	0.018	0.04	9.4	7.7	0.15	182	6.83
71450x94600		7.33	27.5	1.23	5.94	0.06	<0.02	0.07	0.013	0.07	9.3	5.5	0.11	123	3.86
71450x94650		10.8	8.4	0.82	2.95	0.05	<0.02	0.03	0.007	0.06	13.0	1.2	0.04	77	2.25
71450x94700		5.17	12.8	0.90	3.55	<0.05	<0.02	0.03	0.011	0.07	10.1	6.0	0.11	123	1.97
71450x94750		4.99	118	5.48	10.8	0.13	0.03	0.26	0.068	0.07	36.9	23.3	0.82	642	8.25
71450x94800		2.87	10.3	1.67	5.20	0.06	<0.02	0.03	0.013	0.06	9.6	5.7	0.11	105	1.42
71450x95700		7.80	10.7	2.13	5.50	0.06	<0.02	0.03	0.023	0.06	10.5	10.7	0.25	523	1.29
71450x95750		7.08	9.5	2.45	6.15	0.07	0.05	0.05	0.029	0.06	10.7	11.7	0.24	273	1.01
71450x95800		4.10	6.3	2.01	6.14	0.07	0.03	0.03	0.023	0.04	8.4	9.0	0.09	298	1.24
71550x94650		3.56	5.5	1.52	7.71	0.07	<0.02	0.06	0.018	0.04	9.0	10.3	0.14	410	1.26
71550x94700		4.30	19.3	1.75	6.89	0.07	<0.02	0.04	0.012	0.05	9.9	2.2	0.08	152	3.39
71550x94750		24.5	28.0	1.45	6.13	0.16	0.05	0.10	0.027	0.12	71.8	22.5	0.20	1060	4.59

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
7200x5050	0.02	1.76	5.8	492	5.4	4.6	<0.001	0.011	0.20	2.3	0.2	0.4	25.9	<0.01
7200x5150	0.02	1.75	5.8	499	5.3	4.6	<0.001	0.011	0.18	2.2	0.2	0.4	22.8	<0.01
7200x5250	0.01	1.60	4.8	297	6.9	9.7	<0.001	0.014	0.21	2.2	<0.2	0.5	28.1	<0.01
7200x5350	0.01	1.23	5.3	433	6.2	4.6	<0.001	0.010	0.24	2.2	0.2	0.4	23.4	<0.01
7200x5450	0.02	1.45	4.2	575	6.1	6.5	<0.001	0.011	0.16	2.2	0.2	0.4	30.8	<0.01
7200x5550	0.01	1.94	6.2	660	6.1	7.6	<0.001	0.010	0.25	2.3	<0.2	0.5	14.7	0.01
7200x5650	0.02	1.19	5.5	375	6.6	6.2	<0.001	0.016	0.24	1.9	0.2	0.5	31.9	<0.01
7200x5750	0.01	2.23	6.5	293	7.7	7.4	<0.001	0.010	0.22	2.2	<0.2	0.7	31.7	<0.01
7200x5850	0.04	1.94	10.2	851	5.7	3.9	0.006	0.296	0.50	3.6	0.6	0.4	130	0.01
7300x5050	0.01	2.12	7.8	561	5.8	7.3	<0.001	0.011	0.24	2.9	0.2	0.5	21.9	0.01
7300x5150	0.01	1.90	3.4	308	10.7	6.9	<0.001	0.011	0.17	1.8	<0.2	0.6	20.1	<0.01
7300x5250	0.01	1.67	4.5	407	8.7	6.6	<0.001	0.007	0.28	2.3	<0.2	0.5	21.5	<0.01
7300x5350	0.01	1.19	3.8	282	6.0	9.4	<0.001	0.015	0.15	1.6	<0.2	0.4	21.9	<0.01
7300x5450	0.01	1.67	6.6	506	5.8	6.5	<0.001	0.007	0.24	2.9	0.2	0.6	16.4	<0.01
7300x5550	0.01	1.79	5.0	570	6.2	7.3	<0.001	0.010	0.21	2.6	0.2	0.5	16.2	0.02
7300x5600	0.08	0.20	16.3	397	2.5	3.9	0.001	0.056	0.34	4.5	0.4	0.5	39.9	<0.01
7300x5650	0.01	1.59	5.2	470	6.8	7.2	<0.001	0.014	0.22	2.4	<0.2	0.5	32.2	<0.01
7300x5750	0.01	2.29	3.9	914	7.0	9.1	<0.001	0.017	0.19	2.2	<0.2	0.7	12.6	0.01
7300x5850	0.01	1.69	4.6	460	6.2	6.0	<0.001	0.010	0.19	2.4	0.2	0.5	14.6	0.01
7400x5050	0.02	2.04	12.4	500	12.2	18.6	<0.001	0.042	0.22	3.1	0.3	1.2	52.4	<0.01
7400x5150	0.02	2.94	15.5	1170	8.8	10.6	<0.001	0.023	0.27	4.7	0.3	1.3	28.3	<0.01
7400x5250	0.01	2.53	8.0	1450	6.7	7.9	<0.001	0.024	0.24	4.3	0.3	0.6	16.6	0.03
7400x5350	0.01	2.21	8.2	484	7.2	7.3	<0.001	0.012	0.19	2.7	0.2	0.5	15.7	0.01
7400x5450	0.01	1.69	5.2	625	9.9	11.5	<0.001	0.017	0.14	2.1	<0.2	0.5	14.8	<0.01
7400x5550	0.01	1.85	6.1	280	6.1	5.3	<0.001	0.023	0.19	1.9	<0.2	0.5	22.5	<0.01
7400x5650	0.01	1.81	2.6	172	9.3	6.0	<0.001	0.015	0.13	1.6	<0.2	0.8	15.0	0.01
7400x5750	0.02	1.51	5.9	287	6.7	5.9	<0.001	0.012	0.14	2.7	0.3	0.5	29.8	<0.01
7400x5850	0.04	0.53	9.3	1970	1.8	1.2	0.022	0.330	1.98	3.3	3.7	0.2	257	0.02
7500x5050	0.01	1.46	2.9	298	7.1	5.1	<0.001	0.017	0.12	1.8	<0.2	0.6	16.4	0.01
7500x5150	0.01	2.26	5.6	672	6.5	6.4	<0.001	0.012	0.21	2.8	0.2	0.6	14.4	0.02
7500x5250	0.01	2.34	4.7	168	9.6	7.2	<0.001	0.009	0.14	2.4	<0.2	0.7	26.2	<0.01
7500x5350	0.01	2.75	9.0	509	7.7	10.9	<0.001	0.014	0.20	3.2	<0.2	0.8	21.4	<0.01

Certified By:

Ron Cardinali



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011	DATE RECEIVED: Jul 20, 2011				DATE REPORTED: Sep 07, 2011				SAMPLE TYPE: Soil					
Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
Sample Description	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
7500x5450	0.01	2.15	6.6	297	7.1	14.5	<0.001	0.012	0.17	2.6	<0.2	0.6	24.1	<0.01
7500x5550	0.01	1.99	4.2	201	7.6	7.6	<0.001	0.010	0.13	2.2	<0.2	0.5	27.1	<0.01
7500x5650	0.01	1.78	3.4	569	7.8	9.8	<0.001	0.019	0.18	2.3	0.3	0.5	28.4	0.02
7500x5750	0.02	1.72	5.6	356	7.2	6.0	<0.001	0.012	0.12	2.5	0.2	0.5	24.4	<0.01
7500x5850	0.02	1.96	8.2	404	10.0	13.7	<0.001	0.018	0.20	3.7	0.3	0.7	42.0	<0.01
7600x5050	0.01	2.94	9.0	1570	7.7	8.2	<0.001	0.026	0.24	4.2	0.4	0.6	14.2	0.03
7600x5150	0.01	2.14	12.0	687	9.4	8.0	<0.001	0.012	0.20	3.8	0.2	0.6	20.7	0.01
7600x5250	0.02	1.53	10.8	707	7.5	11.9	0.001	0.071	0.24	3.3	0.6	0.6	88.7	<0.01
7600x5350	0.01	2.31	4.0	733	8.5	8.3	<0.001	0.009	0.18	1.8	<0.2	0.8	13.5	<0.01
7600x5450	0.01	2.26	4.9	394	8.7	6.3	<0.001	0.017	0.13	2.9	0.2	0.6	15.8	0.02
7600x5550	0.01	2.70	7.3	951	8.9	6.6	<0.001	0.020	0.20	2.8	0.2	0.7	15.8	0.03
7600x5650	0.01	1.60	2.9	418	7.6	7.2	<0.001	0.012	0.24	1.7	<0.2	0.5	12.1	<0.01
7600x5750	0.01	1.16	3.4	312	9.9	10.0	<0.001	0.023	0.18	2.0	0.2	0.7	36.6	<0.01
7600x5850	0.02	1.75	13.6	1120	11.8	17.7	0.001	0.076	0.41	4.4	0.6	1.0	91.8	<0.01
7700x5050	0.02	1.10	4.9	478	5.4	5.3	<0.001	0.017	0.22	2.4	0.2	0.4	34.6	<0.01
7700x5150	0.01	2.16	4.6	845	6.3	7.6	<0.001	0.013	0.27	2.8	0.3	0.5	16.4	0.02
7700x5250	0.02	0.92	3.8	439	4.9	5.5	<0.001	0.021	0.20	2.6	0.3	0.4	28.7	<0.01
7700x5300	0.09	0.48	40.2	619	17.0	9.9	0.363	1.43	16.4	4.9	2.5	12.7	133	<0.01
7700x5350	0.01	1.59	4.6	304	6.3	5.2	<0.001	0.009	0.17	2.1	<0.2	0.5	22.1	<0.01
7700x5450	0.01	2.68	8.5	1000	9.8	11.3	<0.001	0.012	0.39	4.5	0.3	0.8	17.6	0.01
7700x5550	0.01	2.42	5.9	883	10.7	10.1	<0.001	0.014	0.34	3.8	0.3	0.8	17.6	0.01
7700x5650	0.02	0.85	11.2	632	9.7	16.2	<0.001	0.045	0.21	2.3	0.2	0.8	57.1	<0.01
7700x5750	0.01	1.61	3.4	584	7.4	6.7	<0.001	0.013	0.22	1.8	0.2	0.4	9.5	0.02
7700x5850	0.02	0.89	5.1	564	6.8	8.3	<0.001	0.022	0.27	2.7	0.2	0.5	31.6	<0.01
7800x5050	0.02	0.80	3.1	454	7.1	8.3	<0.001	0.033	0.20	2.6	0.4	0.5	47.0	<0.01
7800x5150	0.02	1.65	15.1	825	10.6	27.8	<0.001	0.069	0.40	3.7	0.5	1.0	94.1	<0.01
7800x5250	0.01	2.06	7.2	602	6.2	6.9	<0.001	0.013	0.27	2.9	0.2	0.6	16.9	0.02
7800x5350	0.02	1.23	5.9	520	7.2	7.8	<0.001	0.026	0.25	2.9	0.2	0.6	34.5	<0.01
7800x5450	0.02	1.42	5.5	486	9.9	9.5	<0.001	0.038	0.19	1.9	<0.2	0.7	40.5	<0.01
7800x5550	0.01	1.00	3.0	197	9.8	5.7	<0.001	0.010	0.15	1.2	<0.2	0.6	14.1	<0.01
7800x5650	0.01	1.32	4.0	483	5.2	3.8	<0.001	0.007	0.25	2.4	<0.2	0.4	11.9	0.01
7800x5750	0.02	1.48	4.1	274	11.2	12.5	<0.001	0.039	0.23	2.4	0.2	0.7	87.9	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
7800x5850	0.01	1.52	3.2	635	6.7	5.4	<0.001	0.011	0.31	2.0	<0.2	0.4	10.3	0.01
7900x5050	0.01	2.46	9.6	1150	8.6	9.0	<0.001	0.014	0.38	3.5	<0.2	0.7	15.7	<0.01
7900x5150	0.02	2.36	19.6	831	11.9	26.6	<0.001	0.068	0.41	5.8	0.4	1.3	89.4	<0.01
7900x5250	0.02	1.32	10.3	745	10.2	19.6	<0.001	0.067	0.33	3.2	0.4	0.8	92.0	<0.01
7900x5350	0.01	2.19	6.3	1120	6.1	7.7	<0.001	0.018	0.31	3.0	0.2	0.5	11.0	0.03
7900x5450	0.01	1.27	3.4	413	6.2	5.1	<0.001	0.009	0.16	2.0	<0.2	0.4	21.2	<0.01
7900x5550	0.02	1.36	11.7	653	9.5	10.7	<0.001	0.065	0.26	2.1	0.3	0.6	87.5	<0.01
7900x5650	0.01	1.90	4.1	813	6.2	6.4	<0.001	0.011	0.26	2.7	<0.2	0.5	12.3	0.03
7900x5750	0.02	1.05	5.1	535	6.4	6.1	<0.001	0.033	0.22	2.4	0.3	0.4	41.6	<0.01
7900x5850	<0.01	1.62	1.8	582	6.7	6.0	<0.001	0.015	0.24	1.6	<0.2	0.5	11.4	0.01
7900x5900	0.08	0.26	17.1	389	2.4	3.9	0.001	0.055	0.30	4.7	0.4	0.4	40.3	<0.01
8000x5050	0.02	2.02	6.6	239	6.8	11.1	<0.001	0.015	0.12	2.8	0.2	0.6	38.2	<0.01
8000x5150	0.01	1.56	3.4	220	10.5	6.8	<0.001	0.016	0.12	1.7	<0.2	0.6	21.6	<0.01
8000x5250	0.02	3.08	6.8	439	10.6	13.3	<0.001	0.021	0.22	3.3	0.2	0.6	24.9	<0.01
8000x5350	0.01	3.22	5.2	1760	8.7	7.5	<0.001	0.017	0.19	3.4	0.2	0.9	12.5	0.02
8000x5450	0.01	2.35	5.0	992	8.0	6.5	<0.001	0.013	0.19	2.7	<0.2	0.6	18.3	<0.01
8000x5550	0.01	1.87	4.6	242	7.7	8.3	<0.001	0.009	0.11	2.1	<0.2	0.5	13.7	<0.01
8000x5650	0.02	2.18	8.9	284	10.4	11.9	<0.001	0.027	0.16	2.6	<0.2	0.6	51.8	<0.01
8000x5750	<0.01	1.75	1.8	405	8.1	4.3	<0.001	0.013	0.12	1.3	<0.2	0.5	9.0	<0.01
8000x5850	<0.01	1.72	2.0	103	9.3	3.0	<0.001	0.011	0.14	1.2	<0.2	0.5	12.1	<0.01
8100x5050	0.01	1.37	3.0	153	8.3	2.8	<0.001	0.011	0.12	1.3	<0.2	0.4	16.0	<0.01
8100x5150	0.02	1.74	7.7	253	8.6	9.8	<0.001	0.018	0.13	2.3	<0.2	0.6	30.8	<0.01
8100x5250	0.01	1.83	5.0	191	9.6	5.6	<0.001	0.012	0.21	2.2	<0.2	0.6	21.7	<0.01
8100x5350	<0.01	2.47	3.6	423	8.5	5.9	<0.001	0.010	0.17	2.3	<0.2	0.8	14.5	0.01
8100x5450	<0.01	2.39	3.7	790	7.1	6.8	<0.001	0.011	0.17	2.1	<0.2	0.7	10.1	<0.01
8100x5550	<0.01	2.12	2.2	207	10.9	6.1	<0.001	0.009	0.12	1.5	<0.2	0.7	12.0	<0.01
8100x5650	0.01	1.59	3.5	152	10.1	5.5	<0.001	0.013	0.09	1.7	<0.2	0.4	16.8	<0.01
8100x5750	<0.01	2.99	3.6	1140	7.9	6.3	<0.001	0.018	0.20	2.2	<0.2	0.6	8.3	0.04
8100x5850	0.01	1.72	4.3	178	6.6	7.6	<0.001	0.017	0.12	2.4	<0.2	0.4	40.2	<0.01
8200x5050	0.01	2.51	5.4	725	10.4	8.5	<0.001	0.017	0.23	2.3	<0.2	0.6	14.4	<0.01
8200x5150	<0.01	2.45	5.0	326	7.3	6.6	<0.001	0.010	0.21	2.1	<0.2	0.6	13.1	<0.01
8200x5250	<0.01	2.24	4.4	371	8.3	8.6	<0.001	0.012	0.20	2.3	<0.2	0.6	14.1	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027
PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
8200x5350	0.01	2.16	8.1	823	7.1	9.0	<0.001	0.010	0.21	3.4	0.2	0.5	15.7	0.02
8200x5450	0.01	2.50	7.9	561	7.0	7.4	<0.001	0.011	0.20	3.6	0.2	0.5	14.6	0.02
8200x5550	0.01	1.55	2.3	120	9.1	8.2	<0.001	0.010	0.10	1.6	<0.2	0.5	15.4	<0.01
8200x5600	0.08	0.18	38.6	657	17.7	8.9	0.364	1.49	13.3	5.0	2.7	15.1	132	<0.01
8200x5650	0.01	3.41	6.6	1260	11.6	9.1	<0.001	0.018	0.19	3.5	0.3	0.8	12.7	0.02
8200x5750	0.02	2.12	13.3	523	10.5	23.9	0.003	0.074	0.35	5.3	1.1	0.7	153	<0.01
8200x5850	0.02	2.17	11.0	483	10.5	23.9	0.002	0.047	0.25	6.4	0.7	0.8	103	<0.01
8300x5050	0.01	1.45	3.5	144	8.2	7.4	<0.001	0.013	0.16	1.9	<0.2	0.5	25.0	<0.01
8300x5150	<0.01	2.00	5.4	747	6.7	6.3	<0.001	0.010	0.17	2.0	<0.2	0.5	12.1	0.01
8300x5250	0.01	1.15	2.1	143	7.2	2.8	<0.001	0.007	0.13	1.3	<0.2	0.7	10.5	<0.01
8300x5350	<0.01	2.13	2.6	388	8.9	7.9	<0.001	0.008	0.13	1.7	<0.2	0.6	13.2	<0.01
8300x5450	<0.01	2.06	4.0	923	9.5	6.9	<0.001	0.012	0.15	1.9	<0.2	0.6	9.4	<0.01
8300x5550	<0.01	2.77	5.0	988	9.4	8.4	<0.001	0.014	0.19	2.4	<0.2	0.7	11.9	<0.01
8300x5650	<0.01	2.24	2.4	643	12.0	7.0	<0.001	0.012	0.14	2.0	<0.2	0.7	10.5	0.01
8300x5750	0.01	1.48	6.7	348	10.1	16.1	<0.001	0.042	0.20	3.0	0.5	0.5	87.6	<0.01
8300x5850	0.01	1.98	10.4	675	10.2	21.7	0.005	0.123	0.61	4.4	1.8	0.6	222	0.02
9200x3850	0.01	2.04	7.7	653	8.6	11.0	<0.001	0.013	0.21	2.6	<0.2	0.6	19.1	<0.01
9200x3950	<0.01	1.46	5.6	937	9.2	11.8	<0.001	0.016	0.16	1.8	<0.2	0.5	26.3	<0.01
9200x4050	0.01	2.28	8.2	1180	13.9	19.1	<0.001	0.016	0.20	2.7	<0.2	0.6	22.3	<0.01
9200x4150	<0.01	2.67	4.6	861	11.0	8.1	<0.001	0.013	0.15	2.4	<0.2	0.6	9.8	<0.01
9200x4250	0.01	3.50	7.7	1270	11.0	9.8	<0.001	0.033	0.27	3.7	0.4	0.7	13.9	0.02
9200x4350	<0.01	3.33	5.2	865	11.6	8.8	<0.001	0.020	0.21	2.8	0.2	0.8	10.4	<0.01
9200x4450	0.01	0.98	2.2	145	11.2	10.2	<0.001	0.007	0.12	1.0	<0.2	0.5	10.3	<0.01
9200x4550	0.01	1.87	11.8	952	12.7	18.4	0.004	0.122	0.80	4.1	2.1	0.5	177	0.02
9200x4650	0.01	1.79	2.7	147	10.4	7.8	<0.001	0.008	0.13	1.8	<0.2	0.6	14.3	<0.01
9200x4750	<0.01	2.36	3.1	364	10.3	6.0	<0.001	0.013	0.21	1.7	<0.2	0.7	11.0	<0.01
9200x4850	<0.01	2.57	5.8	996	7.3	9.4	<0.001	0.015	0.22	2.6	0.2	0.6	12.7	0.02
9200x4950	0.01	2.58	6.9	656	8.7	9.8	<0.001	0.010	0.24	3.2	0.2	0.6	13.6	0.03
9200x5000	0.07	0.29	19.0	422	2.5	4.0	0.002	0.058	0.34	5.0	0.5	0.5	36.2	<0.01
9200x5050	<0.01	0.88	2.1	132	7.4	8.9	<0.001	0.014	0.10	1.0	<0.2	0.4	28.1	<0.01
9200x5150	0.02	1.86	11.5	562	14.6	31.1	0.004	0.078	0.84	4.8	1.8	0.7	197	0.02
9200x5250	0.01	1.72	13.5	739	11.3	9.8	<0.001	0.035	0.27	3.0	<0.2	0.8	33.5	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
9200x5350	0.01	0.52	1.9	181	8.6	3.9	<0.001	0.009	0.08	0.5	<0.2	0.5	9.7	<0.01
9300x3800	0.01	1.48	8.1	492	10.9	14.4	<0.001	0.022	0.23	3.2	<0.2	0.7	29.8	<0.01
9300x3850	0.01	2.16	8.4	805	6.7	7.9	<0.001	0.011	0.30	2.7	0.2	0.5	15.2	0.01
9300x3950	<0.01	1.51	4.1	540	20.0	21.1	<0.001	0.014	0.22	1.9	<0.2	0.6	15.5	<0.01
9300x4050	0.01	3.07	9.0	2060	13.5	12.0	<0.001	0.020	0.33	3.7	0.3	0.7	16.7	0.02
9300x4150	0.01	1.69	6.0	241	12.3	11.4	<0.001	0.013	0.17	2.4	<0.2	0.6	23.3	<0.01
9300x4250	0.01	2.51	4.7	383	10.9	9.6	<0.001	0.007	0.20	2.3	<0.2	0.8	13.3	<0.01
9300x4350	0.01	1.92	7.3	497	9.1	7.3	<0.001	0.012	0.19	2.6	<0.2	0.5	21.2	<0.01
9300x4450	0.01	2.55	7.6	845	11.8	9.6	<0.001	0.013	0.26	3.6	0.3	0.8	17.8	0.02
9300x4550	0.02	2.26	11.5	420	14.5	33.6	0.001	0.035	0.28	5.1	0.5	0.9	79.9	<0.01
9300x4650	0.02	2.10	17.5	443	34.3	36.3	0.004	0.047	0.63	9.9	1.8	1.1	166	0.01
9300x4750	0.01	2.73	9.3	520	10.6	9.9	<0.001	0.015	0.28	3.2	0.2	0.6	17.1	<0.01
9300x4850	<0.01	2.48	5.6	1870	10.8	10.2	<0.001	0.021	0.21	2.7	0.3	0.6	9.9	0.03
9300x4950	0.01	1.95	4.8	163	9.8	11.8	<0.001	0.013	0.15	2.3	<0.2	0.5	30.2	<0.01
9300x5050	0.01	1.12	6.4	249	16.2	10.0	0.005	0.022	0.37	5.7	2.7	0.5	56.6	0.01
9300x5150	<0.01	3.22	4.1	1120	10.9	13.8	<0.001	0.013	0.19	2.3	<0.2	0.6	12.0	0.04
9300x5250	0.02	1.23	10.5	612	10.9	13.1	0.002	0.032	0.38	5.3	0.9	0.5	64.5	<0.01
9300x5350	0.01	1.54	4.3	356	7.7	8.3	<0.001	0.010	0.13	2.1	<0.2	0.5	28.6	<0.01
9300x5450	0.01	1.38	5.9	381	7.2	5.9	<0.001	0.017	0.19	2.0	<0.2	0.4	16.6	<0.01
9400x3850	0.01	1.48	15.4	377	113	23.5	<0.001	0.021	0.49	4.9	0.4	0.8	44.2	<0.01
9400x3950	<0.01	2.06	4.5	2920	51.2	13.8	<0.001	0.020	0.48	2.3	<0.2	0.6	10.0	0.01
9400x4000	0.07	0.25	19.9	431	2.9	4.0	0.002	0.060	0.32	5.2	0.4	0.5	36.6	<0.01
9400x4050	<0.01	1.51	6.1	242	47.0	14.3	<0.001	0.007	0.45	2.1	<0.2	0.5	12.9	<0.01
9400x4150	<0.01	2.20	8.5	1740	10.8	12.2	<0.001	0.014	0.33	2.7	0.2	0.5	17.5	0.02
9400x4250	0.01	2.78	9.4	763	9.4	9.2	<0.001	0.012	0.23	3.4	0.2	0.7	15.5	<0.01
9400x4350	0.01	1.59	11.8	443	14.6	23.3	0.001	0.024	0.33	5.3	0.7	0.7	45.4	<0.01
9400x4450	0.01	3.22	7.8	2280	10.7	9.7	<0.001	0.018	0.33	3.8	0.3	0.9	15.4	0.02
9400x4550	0.02	2.15	10.7	335	19.3	16.0	0.001	0.023	0.28	5.2	0.6	0.6	54.7	<0.01
9400x4650	0.01	2.12	3.5	454	10.7	10.1	<0.001	0.014	0.18	2.1	<0.2	0.7	12.9	<0.01
9400x4750	0.01	2.44	7.0	856	9.1	9.0	<0.001	0.018	0.23	2.9	0.2	0.6	14.2	0.03
9400x4850	0.02	1.90	11.8	212	42.8	20.8	0.001	0.019	0.30	3.8	0.4	0.6	51.4	<0.01
9400x4950	0.01	1.75	6.5	222	10.5	8.0	<0.001	0.013	0.22	2.3	0.2	0.5	28.2	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

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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
9400x5050	<0.01	2.21	6.7	388	8.4	10.1	<0.001	0.012	0.24	2.3	<0.2	0.5	11.1	<0.01
9400x5150	0.01	1.17	10.2	226	35.5	50.7	0.007	0.035	0.96	8.0	3.7	0.6	111	0.02
9400x5250	0.02	1.56	11.3	407	17.0	29.6	0.002	0.032	0.40	3.7	0.8	0.8	104	<0.01
9400x5350	0.02	1.32	9.5	561	12.2	16.9	0.002	0.055	0.66	4.4	1.1	0.5	147	<0.01
9400x5450	0.02	1.59	12.5	596	4.7	5.0	0.002	0.210	0.57	3.2	0.6	0.3	91.1	0.01
9500x4050	0.01	2.50	7.7	608	11.2	10.3	<0.001	0.009	0.32	2.9	0.2	0.6	25.6	<0.01
9500x4150	<0.01	2.09	2.6	237	9.3	10.8	<0.001	0.008	0.21	1.9	<0.2	0.7	13.4	<0.01
9500x4250	<0.01	3.14	6.8	744	8.7	11.0	<0.001	0.016	0.23	3.4	0.2	0.8	16.8	<0.01
9500x4350	0.01	2.86	7.4	765	11.9	9.7	<0.001	0.013	0.30	3.4	0.2	0.6	21.5	<0.01
9500x4450	0.01	2.87	6.3	214	11.9	16.2	<0.001	0.014	0.23	3.0	<0.2	0.7	29.4	<0.01
9500x4550	0.02	1.72	5.8	299	10.7	8.2	<0.001	0.008	0.23	3.1	0.3	0.5	29.1	<0.01
9500x4650	0.02	2.38	12.0	304	19.3	23.9	<0.001	0.018	0.35	5.0	0.4	0.9	50.9	<0.01
9500x4750	0.01	1.94	5.1	181	13.2	11.0	<0.001	0.007	0.17	2.4	<0.2	0.5	22.2	<0.01
9500x4850	0.01	2.61	7.6	620	13.4	15.5	<0.001	0.016	0.27	3.0	0.2	0.7	18.9	<0.01
9500x4950	0.01	2.21	5.3	250	10.7	18.2	<0.001	0.010	0.18	2.8	<0.2	0.7	19.1	<0.01
9500x5050	0.01	1.94	5.4	505	12.6	27.8	<0.001	0.029	0.17	2.5	0.2	0.8	22.2	<0.01
9500x5100	0.09	0.25	40.3	692	18.7	11.0	0.369	1.48	14.6	5.7	2.8	14.8	143	<0.01
9500x5150	0.01	2.27	5.5	385	11.2	20.1	0.002	0.011	0.31	2.6	<0.2	0.8	18.1	<0.01
9500x5250	0.01	1.69	4.4	113	11.3	21.2	0.001	0.015	0.32	3.0	0.4	0.5	54.3	<0.01
9500x5350	0.02	1.80	6.6	159	8.7	12.5	<0.001	0.010	0.26	3.0	0.2	0.6	40.3	<0.01
9600x4050	0.01	1.93	5.5	621	9.2	17.5	<0.001	0.010	0.19	2.7	<0.2	0.7	20.0	<0.01
9600x4150	<0.01	1.65	7.4	379	15.3	18.4	<0.001	0.009	0.20	2.5	<0.2	0.6	18.1	<0.01
9600x4250	<0.01	2.63	5.9	944	15.4	17.6	<0.001	0.023	0.29	3.0	0.2	0.7	19.8	<0.01
9600x4350	0.01	2.56	7.3	508	9.7	13.6	<0.001	0.012	0.24	3.1	0.2	0.7	25.2	<0.01
9600x4450	0.03	2.52	7.3	370	9.6	15.3	<0.001	0.017	0.39	2.6	0.3	0.9	15.9	<0.01
9600x4550	0.01	3.49	7.6	779	13.6	13.5	<0.001	0.023	0.25	3.1	0.2	0.8	17.4	<0.01
9600x4650	0.01	2.10	5.3	146	11.5	12.0	<0.001	0.007	0.19	2.3	<0.2	0.5	19.5	<0.01
9600x4750	<0.01	2.37	4.4	317	11.5	10.6	<0.001	0.012	0.19	2.4	<0.2	0.6	17.3	<0.01
9600x4850	<0.01	1.83	2.8	105	9.0	9.6	<0.001	0.007	0.17	1.5	<0.2	0.5	13.0	<0.01
9600x4950	0.01	2.11	6.3	495	9.7	8.6	<0.001	0.014	0.22	2.1	<0.2	0.6	15.6	<0.01
9600x5050	<0.01	1.67	3.4	314	10.9	18.9	<0.001	0.014	0.17	1.8	<0.2	0.6	12.3	<0.01
9600x5150	0.01	1.72	5.0	208	11.5	26.1	<0.001	0.024	0.21	1.8	<0.2	0.5	118	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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CLIENT NAME: UTM EXPLORATION SERVICES

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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
9600x5250	<0.01	1.61	6.4	136	7.0	8.3	<0.001	0.007	0.26	1.7	<0.2	0.5	15.5	<0.01
9600x5350	<0.01	0.94	1.6	84	6.4	9.6	<0.001	0.007	0.17	1.0	<0.2	0.4	10.5	<0.01
9600x5450	<0.01	1.45	2.4	533	9.7	8.4	<0.001	0.014	0.20	1.2	<0.2	0.5	12.1	0.01
9700x4050	0.01	1.43	7.5	322	10.8	8.5	<0.001	0.026	0.21	2.1	0.4	0.5	37.6	<0.01
9700x4150	<0.01	1.59	3.3	191	10.3	8.1	<0.001	0.009	0.19	1.6	<0.2	0.6	15.2	<0.01
9700x4250	0.01	2.87	8.9	1060	10.8	8.7	<0.001	0.017	0.26	3.9	0.3	0.7	13.4	0.02
9700x4350	<0.01	2.21	4.0	444	8.4	6.3	<0.001	0.008	0.21	2.3	<0.2	0.7	11.4	<0.01
9700x4400	0.08	0.28	19.2	392	2.5	4.0	0.001	0.055	0.34	5.3	0.5	0.4	39.1	<0.01
9700x4450	0.01	2.80	10.5	559	9.4	8.9	<0.001	0.013	0.33	4.0	0.3	0.6	21.1	<0.01
9700x4550	<0.01	2.28	8.1	840	7.9	7.5	<0.001	0.014	0.21	2.2	<0.2	0.7	13.3	<0.01
9700x4650	0.01	2.71	7.0	837	11.0	15.7	<0.001	0.021	0.23	2.9	0.2	0.6	20.2	0.02
9700x4750	0.01	2.55	8.0	273	10.6	10.9	<0.001	0.019	0.29	3.2	0.3	0.6	45.1	<0.01
9700x4850	0.01	1.44	3.1	476	12.4	24.3	<0.001	0.032	0.12	1.4	<0.2	0.8	11.3	<0.01
9700x4950	0.01	2.37	6.6	198	11.8	11.9	<0.001	0.009	0.20	3.1	<0.2	0.7	27.1	<0.01
9700x5050	0.01	2.67	9.5	322	11.3	12.8	<0.001	0.013	0.28	3.4	0.3	0.7	24.3	<0.01
9700x5150	0.02	1.10	7.7	784	7.3	4.5	0.005	0.063	0.67	5.3	2.6	0.3	83.9	0.02
9700x5250	0.01	2.22	6.5	137	11.3	14.6	<0.001	0.010	0.20	2.4	<0.2	0.6	20.9	<0.01
9700x5350	0.01	0.29	3.1	433	20.0	14.7	<0.001	0.029	0.16	0.2	<0.2	0.5	18.1	<0.01
9700x5450	<0.01	1.10	2.5	124	7.0	10.3	<0.001	0.008	0.18	1.0	<0.2	0.4	9.6	<0.01
9700x5550	0.01	1.35	3.4	193	7.5	9.7	<0.001	0.017	0.23	1.4	<0.2	0.5	23.3	<0.01
9700x5650	0.01	1.31	6.9	729	8.7	5.8	<0.001	0.016	0.20	2.3	0.2	0.4	13.1	0.02
9700x5750	0.01	1.80	6.5	485	7.7	5.6	<0.001	0.008	0.22	3.1	0.2	0.4	14.3	<0.01
9800x4050	0.01	1.40	3.5	235	8.2	3.9	<0.001	0.014	0.16	1.6	<0.2	0.5	24.6	<0.01
9800x4150	0.01	1.92	6.8	659	8.1	9.7	<0.001	0.013	0.20	2.7	<0.2	0.6	20.3	<0.01
9800x4250	<0.01	2.35	5.0	785	16.5	13.0	<0.001	0.014	0.21	2.2	<0.2	0.6	11.1	<0.01
9800x4350	0.01	2.92	7.2	899	11.6	10.1	<0.001	0.013	0.24	3.5	0.2	0.7	15.5	0.01
9800x4450	0.01	1.44	6.3	250	11.7	18.0	<0.001	0.020	0.23	2.4	0.2	0.6	49.4	<0.01
9800x4550	0.01	2.70	7.3	1080	10.7	13.3	<0.001	0.019	0.25	3.3	0.3	0.8	17.6	0.01
9800x4650	0.01	1.80	6.0	198	11.3	10.6	<0.001	0.015	0.19	3.2	0.2	0.7	44.5	<0.01
9800x4750	<0.01	2.64	7.6	337	12.3	16.8	<0.001	0.013	0.25	3.1	0.2	0.7	12.4	<0.01
9800x4850	<0.01	2.14	5.9	285	12.3	21.7	<0.001	0.015	0.13	2.4	<0.2	0.6	14.9	<0.01
9800x4950	0.01	2.17	6.8	178	11.8	14.6	<0.001	0.013	0.16	2.6	<0.2	0.6	22.8	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
9800x5000	0.09	0.26	41.3	671	18.5	10.5	0.370	1.54	13.4	5.7	2.8	14.3	138	<0.01
9800x5050	<0.01	2.90	5.9	344	12.7	13.1	0.002	0.018	0.31	2.8	0.3	0.7	15.7	0.02
9800x5150	0.01	2.20	7.6	557	16.8	22.7	<0.001	0.014	0.17	2.8	<0.2	0.7	12.3	<0.01
9800x5250	0.01	1.93	6.8	183	10.6	14.3	<0.001	0.014	0.19	2.7	0.2	0.6	35.2	<0.01
9800x5350	0.01	0.93	3.7	325	20.9	18.1	<0.001	0.030	0.31	0.7	<0.2	0.6	38.2	<0.01
9800x5450	<0.01	1.52	3.2	121	11.5	8.5	<0.001	0.010	0.25	1.5	<0.2	0.6	14.1	<0.01
9800x5550	0.01	2.81	6.5	1070	13.9	13.2	<0.001	0.020	0.30	2.8	0.3	0.6	13.9	<0.01
9800x5650	0.01	1.05	5.1	1000	12.8	6.4	0.004	0.153	0.47	1.0	2.1	0.3	172	0.03
9800x5750	<0.01	1.99	5.4	1140	7.5	9.6	<0.001	0.011	0.18	2.7	<0.2	0.4	10.0	0.03
9900x4050	0.02	1.69	6.7	247	10.5	14.9	0.001	0.020	0.28	3.9	0.5	0.5	37.9	<0.01
9900x4150	0.01	2.63	7.0	893	9.7	10.8	<0.001	0.011	0.22	3.1	0.2	0.7	20.2	0.02
9900x4250	0.01	2.38	4.7	997	14.0	12.2	<0.001	0.014	0.19	2.4	<0.2	0.6	16.2	<0.01
9900x4350	0.01	2.59	8.6	759	10.7	9.8	<0.001	0.014	0.21	3.4	0.2	0.7	14.1	0.02
9900x4450	0.01	2.73	6.7	1140	11.4	14.3	<0.001	0.015	0.23	3.5	0.2	0.7	13.5	0.02
9900x4550	0.01	2.82	9.3	794	9.5	14.2	<0.001	0.017	0.28	3.4	0.3	0.6	15.0	0.01
9900x4650	0.01	2.77	9.6	729	10.2	14.1	<0.001	0.014	0.27	3.7	0.3	0.7	18.1	<0.01
9900x4750	0.01	2.89	8.9	455	12.7	18.0	<0.001	0.012	0.21	3.3	0.2	0.7	18.8	<0.01
9900x4850	0.01	1.87	6.7	165	12.4	13.9	<0.001	0.012	0.28	2.9	<0.2	0.5	26.1	<0.01
9900x4950	0.01	2.68	6.8	315	11.3	9.0	<0.001	0.010	0.20	2.6	<0.2	0.7	18.7	<0.01
9900x5050	<0.01	2.84	7.5	1100	11.0	9.8	<0.001	0.018	0.24	3.3	0.3	0.6	10.7	0.03
9900x5150	<0.01	2.73	4.4	375	8.7	6.6	<0.001	0.011	0.94	1.8	<0.2	0.7	10.0	<0.01
9900x5250	0.01	2.52	5.7	784	9.5	16.1	<0.001	0.021	0.24	2.1	0.3	0.5	15.6	0.03
9900x5350	<0.01	1.63	4.0	153	11.2	11.7	<0.001	0.013	0.21	1.4	<0.2	0.5	17.8	<0.01
9900x5450	0.01	0.29	3.0	654	21.8	4.9	<0.001	0.041	0.23	0.1	<0.2	0.3	67.3	0.01
9900x5550	0.01	0.68	2.6	158	8.7	10.3	<0.001	0.011	0.23	0.6	<0.2	0.4	14.2	<0.01
9900x5600	0.08	0.32	19.9	398	2.5	3.8	0.002	0.058	0.35	5.3	0.5	0.4	37.4	<0.01
9900x5650	0.01	1.39	3.4	101	11.2	13.4	<0.001	0.008	0.15	1.7	<0.2	0.3	33.9	<0.01
9900x5750	0.02	1.62	11.8	894	41.5	26.0	0.005	0.105	0.85	5.2	2.1	0.6	138	0.01
0000x4050	<0.01	1.52	4.2	759	6.9	9.9	<0.001	0.012	0.15	1.6	<0.2	0.4	10.0	<0.01
0000x4150	0.01	2.19	7.3	849	8.9	13.7	<0.001	0.012	0.23	2.5	<0.2	0.6	16.5	<0.01
0000x4250	0.01	2.05	7.3	824	7.2	10.0	<0.001	0.013	0.22	2.3	0.2	0.5	12.9	<0.01
0000x4350	<0.01	1.42	4.8	240	14.1	15.6	<0.001	0.010	0.17	1.5	<0.2	0.6	10.8	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0000x4450	<0.01	2.29	5.6	1360	10.8	13.1	<0.001	0.016	0.23	2.5	0.2	0.6	12.6	0.01
0000x4550	<0.01	3.35	7.9	849	10.0	11.8	<0.001	0.027	0.23	3.0	0.3	0.7	12.3	<0.01
0000x4650	0.01	3.28	9.5	517	12.9	13.4	<0.001	0.017	0.24	3.6	0.3	0.7	17.1	0.01
0000x4750	0.01	2.17	5.9	269	12.4	17.4	<0.001	0.012	0.18	2.4	<0.2	0.6	15.2	<0.01
0000x4850	0.01	1.95	5.3	155	11.4	12.4	<0.001	0.012	0.19	2.2	0.2	0.5	22.3	<0.01
0000x4950	<0.01	2.60	5.0	643	10.9	10.8	<0.001	0.022	0.21	2.0	0.2	0.6	12.6	0.03
0000x5050	<0.01	2.68	4.2	393	14.4	17.7	<0.001	0.018	0.17	1.8	0.2	0.6	11.9	<0.01
0000x5150	<0.01	1.57	5.9	566	9.9	8.4	<0.001	0.018	0.22	1.7	<0.2	0.6	12.9	0.01
0000x5250	0.01	1.63	4.4	404	8.2	17.5	<0.001	0.011	0.32	1.7	<0.2	0.5	12.5	<0.01
0000x5350	0.01	4.08	5.8	156	14.7	12.0	<0.001	0.011	0.23	2.3	<0.2	0.8	49.9	<0.01
0000x5450	<0.01	1.35	2.0	102	21.1	20.2	<0.001	0.011	0.20	1.0	<0.2	0.5	16.8	<0.01
0000x5550	<0.01	1.25	2.5	144	11.5	10.1	<0.001	<0.005	0.23	1.1	<0.2	0.5	8.5	<0.01
0000x5650	0.01	0.73	3.3	116	5.4	3.3	<0.001	0.006	0.15	1.1	<0.2	0.6	10.3	<0.01
0000x5750	<0.01	1.41	3.2	299	21.1	7.5	<0.001	0.009	0.36	1.4	<0.2	0.4	11.5	<0.01
0000x6750	0.01	1.40	8.1	375	11.0	21.9	<0.001	0.011	0.26	2.6	<0.2	0.6	19.0	<0.01
0000x6850	<0.01	1.56	4.9	613	8.0	18.2	<0.001	0.015	0.44	2.2	<0.2	1.0	12.1	<0.01
0000x6950	<0.01	1.27	3.3	253	10.7	9.5	<0.001	0.015	0.32	1.2	<0.2	0.8	10.7	<0.01
0000x7050	<0.01	0.32	3.4	246	6.9	6.0	<0.001	0.017	0.16	0.3	<0.2	0.6	19.0	<0.01
0000x7100	0.12	0.32	33.6	927	41.5	31.2	0.952	2.16	6.12	10.0	5.0	1.6	49.5	<0.01
0000x7150	0.01	0.98	5.2	364	9.4	11.5	0.006	0.022	0.31	1.3	0.2	0.6	20.0	<0.01
0000x7250	<0.01	0.70	7.9	269	6.7	6.7	<0.001	0.015	0.11	1.7	<0.2	0.6	27.0	<0.01
0000x7350	0.01	1.65	6.7	258	8.0	19.4	<0.001	0.021	0.14	2.1	<0.2	0.8	32.2	<0.01
0000x7450	0.01	2.38	6.9	921	6.6	10.2	<0.001	0.018	0.20	2.7	<0.2	0.6	29.7	<0.01
0000x7550	<0.01	2.68	5.9	678	8.2	7.2	<0.001	0.025	0.19	2.4	0.3	0.6	14.2	0.03
0000x7650	<0.01	3.28	4.5	385	12.1	8.1	<0.001	0.016	0.18	2.9	0.2	0.9	14.6	<0.01
0000x7750	0.01	1.31	14.3	1390	9.3	37.8	0.004	0.126	0.21	2.2	1.6	0.7	95.9	0.01
0000x7850	0.01	2.35	13.1	620	7.7	9.8	<0.001	0.014	0.26	3.7	0.3	0.6	30.6	<0.01
0000x7950	<0.01	2.05	4.7	811	7.0	8.1	<0.001	0.012	0.16	1.9	<0.2	0.5	10.9	<0.01
0000x8050	<0.01	1.08	2.2	164	9.0	4.8	<0.001	0.010	0.10	1.0	<0.2	0.6	10.4	<0.01
0000x8150	<0.01	2.03	3.3	812	8.2	6.1	<0.001	0.014	0.14	2.1	<0.2	0.7	11.8	<0.01
0000x8250	0.02	2.03	12.9	618	9.0	21.2	0.002	0.067	0.40	4.6	0.7	0.7	128	<0.01
0000x8350	0.01	1.63	8.5	401	8.6	8.7	<0.001	0.019	0.30	2.4	0.2	0.6	28.9	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0000x8450	<0.01	2.76	7.9	719	9.7	11.6	<0.001	0.013	0.27	3.3	0.3	0.7	5.6	0.01
9800x6750	0.01	1.14	13.8	778	11.1	13.7	<0.001	0.021	0.50	3.6	<0.2	1.0	16.2	<0.01
9800x6850	<0.01	0.51	5.6	707	9.3	12.6	<0.001	0.049	0.20	0.4	0.2	0.7	13.4	<0.01
9800x6950	0.01	1.51	6.7	514	8.4	9.2	<0.001	0.048	0.17	2.6	0.3	0.6	38.7	<0.01
9800x7050	0.01	1.10	7.0	365	9.5	16.0	<0.001	0.018	0.28	1.8	0.2	0.7	17.9	<0.01
9800x7150	0.01	2.35	8.0	620	7.9	7.5	<0.001	0.028	0.18	2.4	0.2	0.5	16.8	<0.01
9800x7250	0.01	2.50	5.4	1630	8.6	9.2	<0.001	0.032	0.18	2.6	0.2	0.5	13.8	<0.01
9800x7350	0.01	4.75	11.0	800	8.7	11.5	<0.001	0.019	0.15	2.8	0.3	1.0	16.6	0.02
9800x7450	0.01	1.98	7.0	686	8.3	7.5	<0.001	0.017	0.29	2.9	<0.2	1.0	14.9	<0.01
9800x7550	0.01	2.31	5.5	625	7.2	5.6	<0.001	0.021	0.18	2.5	0.2	0.4	10.1	0.03
9800x7650	0.01	0.85	8.9	2150	8.3	8.0	0.006	0.188	0.28	5.4	3.0	0.4	54.6	0.02
9800x7700	0.07	0.26	19.0	411	2.5	4.0	0.002	0.055	0.30	5.6	0.5	0.4	34.9	<0.01
9800x7750	0.02	2.02	17.4	939	9.9	22.2	0.003	0.086	0.36	5.1	0.9	0.8	142	<0.01
9800x7850	0.01	2.08	11.6	423	7.3	8.8	<0.001	0.015	0.17	2.8	<0.2	0.7	21.9	<0.01
9800x7950	0.01	2.14	8.4	719	7.1	10.0	<0.001	0.014	0.17	2.8	<0.2	0.8	16.5	<0.01
9800x8050	0.01	1.83	4.0	662	8.8	9.0	<0.001	0.009	0.16	2.6	<0.2	0.6	17.1	<0.01
9800x8150	0.01	2.69	6.9	224	7.6	6.7	<0.001	0.012	0.18	2.5	<0.2	0.8	16.9	<0.01
9800x8250	0.01	1.87	5.4	605	7.9	8.4	<0.001	0.020	0.57	2.4	<0.2	0.7	28.5	<0.01
9800x8350	<0.01	1.96	6.7	827	7.5	8.0	<0.001	0.019	0.30	2.5	<0.2	0.6	17.6	<0.01
9800x8450	<0.01	2.12	4.8	686	8.3	10.8	<0.001	0.012	0.25	2.4	<0.2	0.7	15.7	<0.01
9900x6750	0.01	1.55	16.3	811	9.0	20.9	<0.001	0.016	0.50	4.1	<0.2	0.9	30.0	<0.01
9900x6850	<0.01	1.86	13.7	793	9.5	17.4	<0.001	0.024	0.36	3.7	0.2	1.1	22.2	<0.01
9900x6950	<0.01	1.42	8.6	1100	7.9	10.1	<0.001	0.028	0.25	1.9	0.2	0.5	12.8	<0.01
9900x7050	<0.01	1.34	4.4	474	9.4	8.0	<0.001	0.019	0.22	1.8	<0.2	0.7	13.5	<0.01
9900x7150	0.02	1.57	9.9	406	10.5	11.1	<0.001	0.025	0.23	3.9	0.3	0.6	43.7	<0.01
9900x7250	0.01	2.53	14.9	1140	8.7	11.4	<0.001	0.023	0.25	3.0	0.3	0.7	19.8	<0.01
9900x7350	0.01	3.76	6.8	913	8.2	6.0	<0.001	0.026	0.22	3.0	0.3	0.7	15.5	0.04
9900x7450	0.02	1.54	17.9	550	7.4	10.0	<0.001	0.033	0.26	4.0	0.4	0.6	60.5	<0.01
9900x7550	0.01	1.41	4.5	292	8.7	4.1	<0.001	0.019	0.19	1.4	<0.2	0.7	13.3	<0.01
9900x7650	0.01	1.84	7.7	521	6.5	5.5	<0.001	0.015	0.21	3.0	0.3	0.5	28.2	<0.01
9900x7750	0.01	1.61	6.1	452	8.5	14.7	<0.001	0.031	0.22	1.3	0.2	0.6	16.8	<0.01
9900x7850	0.01	0.66	6.0	490	6.9	7.3	<0.001	0.020	0.21	1.1	<0.2	0.7	18.7	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
9900x7950	0.01	1.28	5.6	144	8.4	7.3	<0.001	0.007	0.16	2.1	<0.2	0.5	16.9	<0.01
9900x8050	0.01	1.58	5.7	159	9.3	8.5	<0.001	0.011	0.19	2.8	0.2	0.5	35.6	<0.01
9900x8150	<0.01	2.49	4.6	978	9.0	6.9	<0.001	0.016	0.16	2.5	0.2	0.7	15.6	0.02
9900x8250	0.01	1.32	5.1	311	6.1	4.0	0.004	0.014	0.36	1.4	<0.2	0.7	17.3	0.01
9900x8300	0.09	0.18	34.6	646	16.7	8.6	0.380	1.41	12.2	4.2	2.5	13.4	130	<0.01
9900x8350	0.01	1.21	4.5	387	7.6	8.9	0.002	0.010	0.29	1.5	<0.2	0.6	16.7	<0.01
9900x8450	0.01	1.50	6.3	393	7.3	11.1	<0.001	0.020	0.28	2.1	0.2	0.5	27.3	<0.01
0100x4050	0.01	1.47	2.5	147	6.5	7.8	<0.001	0.011	0.16	1.4	<0.2	0.5	14.9	<0.01
0100x4150	0.01	1.69	4.0	264	7.7	7.7	<0.001	0.009	0.19	1.9	<0.2	0.6	15.9	<0.01
0100x4250	0.01	2.36	5.4	304	10.7	9.0	<0.001	0.011	0.23	2.1	<0.2	0.7	16.3	<0.01
0100x4350	<0.01	1.06	1.3	112	8.4	14.3	<0.001	0.006	0.09	0.8	<0.2	0.4	8.4	<0.01
0100x4450	<0.01	1.18	3.1	232	7.8	17.5	<0.001	0.014	0.15	1.0	<0.2	0.5	10.3	<0.01
0100x4550	<0.01	2.00	2.8	393	13.5	11.6	<0.001	0.016	0.16	1.4	<0.2	0.6	9.7	<0.01
0100x4650	<0.01	2.15	4.4	725	9.2	15.8	<0.001	0.015	0.18	1.8	<0.2	0.6	11.6	<0.01
0100x4750	<0.01	1.84	3.3	1290	11.2	13.1	<0.001	0.026	0.19	1.2	<0.2	0.5	11.3	<0.01
0100x4850	0.01	1.02	6.2	376	18.4	14.4	<0.001	0.029	0.30	2.5	1.3	0.5	34.0	<0.01
0100x4950	<0.01	1.75	5.3	687	11.9	18.7	<0.001	0.017	0.18	1.4	0.2	0.6	10.8	<0.01
0100x5050	0.01	1.99	5.3	286	15.4	17.2	<0.001	0.015	0.22	1.6	<0.2	0.6	12.8	<0.01
0100x5150	0.01	1.50	2.0	106	13.3	12.3	<0.001	0.010	0.13	1.2	<0.2	0.5	17.1	<0.01
0100x5250	<0.01	0.14	1.5	175	6.9	5.5	<0.001	0.008	0.06	0.1	<0.2	0.5	7.2	<0.01
0100x5350	0.01	2.84	4.2	692	11.0	12.3	<0.001	0.017	0.23	1.5	0.2	0.5	10.3	0.03
0100x5450	0.01	0.60	13.0	157	9.8	19.7	<0.001	0.009	0.08	0.4	<0.2	0.4	16.8	<0.01
0100x5550	0.01	0.59	12.4	154	9.6	20.6	<0.001	0.009	0.09	0.4	<0.2	0.4	16.8	<0.01
0100x5650	<0.01	1.26	2.3	200	5.8	8.6	<0.001	0.007	0.20	0.7	<0.2	0.4	8.5	<0.01
0100x5750	<0.01	1.94	4.3	181	10.4	10.7	<0.001	0.008	0.24	1.3	<0.2	0.5	13.7	<0.01
0100x5850	0.01	1.54	3.8	143	13.9	10.6	<0.001	0.011	0.23	1.1	<0.2	0.4	24.3	<0.01
0100x5950	0.02	1.41	4.6	615	10.9	6.1	<0.001	0.023	0.20	1.9	0.4	0.4	42.9	<0.01
0100x6050	<0.01	1.06	2.0	158	6.8	3.8	<0.001	0.013	0.11	0.8	<0.2	0.4	12.5	<0.01
0100x6150	<0.01	1.08	2.9	270	7.0	4.7	<0.001	0.027	0.13	0.6	<0.2	0.4	16.5	0.01
0100x6200	0.08	0.33	17.5	412	2.5	3.6	0.001	0.057	0.32	3.8	0.6	0.4	36.0	<0.01
0100x6750	0.01	0.79	5.0	522	11.1	23.3	<0.001	0.031	0.23	1.1	<0.2	0.5	34.9	<0.01
0100x6850	0.01	1.62	9.7	1460	10.3	16.8	<0.001	0.014	0.89	3.0	0.2	1.0	12.1	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027
PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0100x6950	0.01	1.35	7.5	1010	10.7	11.1	<0.001	0.013	0.56	2.2	<0.2	0.8	10.2	<0.01
0100x7050	0.02	1.23	13.2	438	12.7	25.0	<0.001	0.031	0.40	3.7	0.6	0.7	56.0	<0.01
0100x7150	0.01	1.57	4.8	250	7.9	9.2	<0.001	0.016	0.26	1.2	<0.2	0.8	16.2	<0.01
0100x7250	0.01	2.25	10.7	648	8.8	9.4	<0.001	0.018	0.22	2.2	0.3	0.6	19.2	<0.01
0100x7350	0.01	2.79	4.9	821	7.7	6.9	<0.001	0.022	0.21	1.6	0.2	0.6	10.5	0.01
0100x7450	0.01	1.69	7.5	346	8.7	11.8	<0.001	0.013	0.20	2.2	0.3	0.7	31.6	<0.01
0100x7550	0.02	1.67	7.5	270	8.8	7.2	<0.001	0.016	0.16	2.1	0.2	0.7	30.7	<0.01
0100x7650	0.01	2.93	6.7	802	7.3	6.6	<0.001	0.014	0.20	2.0	0.2	0.6	13.8	0.02
0100x7750	0.01	2.17	2.9	317	8.9	7.1	<0.001	0.010	0.14	1.3	<0.2	0.7	11.7	<0.01
0100x7850	0.01	0.98	5.9	313	7.5	9.8	<0.001	0.014	0.20	1.8	0.3	0.5	20.1	<0.01
0100x7950	0.01	2.35	6.0	259	8.3	9.4	<0.001	0.010	0.19	2.0	0.2	0.6	20.2	<0.01
0100x8050	<0.01	2.29	3.4	445	11.0	7.9	<0.001	0.009	0.14	1.4	<0.2	0.7	9.6	<0.01
0100x8150	0.02	1.17	13.4	1510	7.4	11.8	<0.001	0.123	0.31	3.3	1.1	0.7	62.9	<0.01
0100x8250	0.02	1.90	15.7	537	9.5	20.8	<0.001	0.062	0.57	4.6	1.1	0.7	117	<0.01
0100x8350	<0.01	1.95	5.1	801	7.2	7.0	<0.001	0.013	0.25	1.6	0.2	0.5	11.0	0.01
0100x8450	<0.01	1.81	8.0	879	8.2	6.6	<0.001	0.008	0.42	2.1	0.2	0.6	11.9	0.01
0200x4050	0.01	1.60	8.2	304	10.6	5.7	<0.001	0.007	0.42	2.8	0.4	0.5	30.2	<0.01
0200x4150	<0.01	1.22	4.7	710	7.5	14.1	<0.001	0.013	0.24	1.1	<0.2	0.5	11.9	<0.01
0200x4250	<0.01	1.80	6.4	661	12.3	11.0	<0.001	0.017	0.25	1.2	0.2	0.7	13.4	<0.01
0200x4350	<0.01	3.14	6.8	601	15.5	12.0	<0.001	0.010	0.25	2.0	0.3	0.9	12.1	0.01
0200x4450	<0.01	1.09	7.5	316	40.1	44.5	<0.001	0.025	0.47	0.9	1.1	0.7	74.2	<0.01
0200x4550	<0.01	1.27	3.3	59	14.6	12.2	<0.001	0.006	0.19	1.1	<0.2	0.6	19.7	<0.01
0200x4600	0.10	0.34	32.8	843	40.6	27.1	1.00	1.90	6.61	7.2	4.5	1.7	41.0	<0.01
0200x4650	<0.01	1.65	3.5	90	11.2	8.7	<0.001	0.008	0.15	1.2	<0.2	0.5	19.3	<0.01
0200x4750	<0.01	3.37	7.8	715	10.8	11.2	<0.001	0.013	0.33	2.2	0.3	0.8	11.9	<0.01
0200x4850	<0.01	2.19	5.5	170	14.1	15.6	<0.001	0.008	0.21	1.8	0.2	0.8	15.8	<0.01
0200x4950	<0.01	2.35	4.4	167	12.8	11.7	<0.001	0.006	0.22	1.6	<0.2	0.9	12.6	<0.01
0200x5050	<0.01	2.05	4.8	681	12.2	18.4	<0.001	0.017	0.26	1.4	<0.2	0.7	9.6	<0.01
0200x5150	<0.01	2.12	3.7	857	12.1	11.3	<0.001	0.021	0.26	1.3	0.3	0.5	9.3	0.01
0200x5250	0.01	0.86	2.7	157	10.9	9.5	0.001	0.010	0.19	0.6	<0.2	0.5	9.2	<0.01
0200x5350	<0.01	1.68	4.9	185	9.8	6.7	<0.001	0.010	0.39	1.3	<0.2	0.7	8.5	<0.01
0200x5450	<0.01	0.09	2.6	377	7.1	8.4	<0.001	0.011	0.26	<0.1	<0.2	0.4	7.1	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0200x5550	<0.01	0.38	3.3	113	6.6	7.7	<0.001	0.005	0.22	0.3	<0.2	0.5	6.4	<0.01
0200x5650	<0.01	0.91	2.6	136	12.7	12.7	<0.001	0.008	0.23	0.7	<0.2	0.7	10.0	<0.01
0200x5750	<0.01	0.78	1.2	72	4.8	2.5	<0.001	<0.005	0.14	0.5	<0.2	0.4	6.5	<0.01
0200x5850	<0.01	1.25	2.3	94	11.4	14.0	<0.001	0.010	0.21	0.8	<0.2	0.4	24.3	<0.01
0200x5950	<0.01	1.42	3.3	92	14.3	9.9	<0.001	0.009	0.21	1.1	0.2	0.5	33.1	<0.01
0200x6050	0.02	0.54	5.7	1320	4.4	4.0	<0.001	0.243	2.77	1.1	1.6	<0.2	390	0.02
0200x6150	0.01	1.18	5.3	332	6.7	4.8	<0.001	0.013	0.29	1.3	0.3	0.4	17.2	<0.01
0200x6750	<0.01	1.40	4.5	163	22.2	23.4	<0.001	0.019	0.42	1.1	<0.2	0.5	18.9	<0.01
0200x6850	0.01	1.90	11.5	515	16.5	19.0	<0.001	0.014	0.39	2.1	0.3	0.7	19.3	<0.01
0200x6950	<0.01	1.41	5.5	619	8.1	11.4	<0.001	0.011	0.28	1.4	<0.2	0.6	10.5	<0.01
0200x7050	0.01	2.40	7.7	377	12.9	12.4	<0.001	0.023	0.32	2.1	0.5	0.8	28.3	<0.01
0200x7150	<0.01	1.26	16.5	315	8.0	12.7	<0.001	0.015	0.54	1.4	<0.2	1.0	11.4	<0.01
0200x7250	0.01	1.81	15.6	339	13.9	29.9	<0.001	0.025	0.36	6.0	1.1	0.9	52.9	<0.01
0200x7350	0.01	2.24	6.2	483	10.1	11.2	<0.001	0.008	0.23	1.7	0.2	0.7	14.3	<0.01
0200x7450	<0.01	3.20	7.7	1220	8.2	8.5	<0.001	0.024	0.25	2.4	0.3	0.7	12.1	0.02
0200x7550	0.01	1.59	7.8	145	8.1	7.3	<0.001	0.007	0.18	1.9	0.2	0.6	23.2	<0.01
0200x7650	<0.01	2.99	4.7	1010	9.8	5.7	<0.001	0.024	0.18	1.5	0.3	0.8	11.1	0.03
0200x7750	0.01	2.91	8.8	1330	7.4	6.8	<0.001	0.027	0.23	2.0	0.4	0.5	10.5	0.04
0200x7850	<0.01	1.62	8.3	722	7.0	8.1	<0.001	0.014	0.27	1.7	<0.2	0.9	11.8	<0.01
0200x7950	<0.01	1.73	6.7	616	8.1	8.4	<0.001	0.008	0.22	1.5	0.2	0.5	10.3	<0.01
0200x8050	0.01	2.46	7.6	1120	7.6	8.2	<0.001	0.017	0.38	2.3	0.3	0.6	10.7	0.01
0200x8150	0.01	2.54	6.1	902	7.4	7.2	<0.001	0.021	0.23	1.9	0.3	0.6	15.0	0.01
0200x8250	0.01	0.37	1.9	143	6.2	2.1	<0.001	0.007	0.13	0.3	<0.2	0.6	9.9	<0.01
0200x8350	0.01	2.00	3.4	478	9.2	5.8	<0.001	0.008	0.21	1.5	<0.2	0.8	10.8	<0.01
0200x8450	0.01	1.88	5.6	457	7.2	6.9	<0.001	0.017	0.24	1.4	<0.2	0.5	23.3	<0.01
0300x4050	0.01	2.44	5.6	1760	9.4	7.6	<0.001	0.018	0.20	1.7	<0.2	0.6	12.4	<0.01
0300x4150	0.01	2.55	6.7	487	9.4	8.1	<0.001	0.019	0.25	1.8	0.2	0.6	17.2	<0.01
0300x4250	0.01	1.91	6.7	277	11.8	11.0	<0.001	0.008	0.30	2.0	<0.2	0.6	20.2	<0.01
0300x4350	0.01	1.99	4.2	448	11.3	9.9	<0.001	0.011	0.20	1.5	<0.2	0.8	15.4	<0.01
0300x4450	<0.01	2.21	5.0	302	12.5	10.3	<0.001	0.016	0.28	1.2	<0.2	0.8	11.7	<0.01
0300x4550	0.01	2.80	8.3	532	18.6	11.7	<0.001	0.017	0.31	2.1	0.3	0.6	12.8	<0.01
0300x4650	<0.01	1.87	2.9	386	11.9	11.6	<0.001	0.024	0.27	0.9	0.2	0.5	7.3	0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0300x4750	0.01	2.02	6.0	274	11.2	7.9	<0.001	0.017	0.26	1.7	0.2	0.7	16.4	<0.01
0300x4850	0.01	2.21	3.8	831	11.0	11.1	<0.001	0.019	0.22	1.3	0.2	0.6	9.6	0.01
0300x4950	0.02	1.31	8.5	669	31.5	42.0	<0.001	0.043	0.43	1.2	0.9	0.8	51.7	<0.01
0300x5050	0.01	2.11	5.0	270	11.8	13.8	<0.001	0.014	0.29	1.4	<0.2	0.6	12.9	<0.01
0300x5150	0.01	1.96	4.2	824	12.7	11.8	<0.001	0.022	0.28	1.3	0.3	0.5	9.0	0.01
0300x5250	0.01	0.69	4.2	138	17.8	13.3	<0.001	0.010	0.14	0.5	<0.2	0.6	11.7	<0.01
0300x5350	0.01	0.96	2.5	170	12.2	13.3	<0.001	0.011	0.18	0.6	<0.2	0.5	7.8	<0.01
0300x5450	0.01	1.27	3.7	139	13.0	12.8	<0.001	0.010	0.39	1.0	<0.2	0.6	22.9	<0.01
0300x5550	0.01	1.20	7.0	194	16.0	24.0	<0.001	0.019	0.27	1.4	0.3	0.6	53.5	<0.01
0300x5650	0.01	1.67	3.0	159	18.8	9.9	<0.001	0.008	0.27	1.1	<0.2	0.5	13.8	<0.01
0300x5750	0.01	0.55	2.2	126	7.3	5.6	<0.001	0.007	0.18	0.5	<0.2	0.6	8.0	<0.01
0300x5850	<0.01	2.34	3.1	1030	12.4	8.6	<0.001	0.014	0.25	1.4	<0.2	0.6	10.2	0.02
0300x5950	0.01	0.85	1.7	87	7.3	3.6	<0.001	<0.005	0.14	0.7	<0.2	0.6	9.5	<0.01
0300x6050	0.02	2.03	7.6	957	26.3	32.0	<0.001	0.214	1.00	5.9	1.4	0.7	153	0.02
0300x6150	0.01	1.27	4.3	229	10.6	10.6	<0.001	0.021	0.25	1.1	<0.2	0.5	26.9	<0.01
0300x6750	<0.01	1.59	3.4	145	14.4	5.9	<0.001	0.019	0.18	1.0	<0.2	0.5	14.6	<0.01
0300x6850	0.01	1.23	3.3	172	8.8	21.8	<0.001	0.011	0.21	1.0	<0.2	0.5	16.4	<0.01
0300x6950	0.01	2.13	7.9	1420	9.7	11.9	<0.001	0.016	0.37	1.9	0.2	0.7	17.3	<0.01
0300x7050	0.01	2.21	8.3	1300	9.4	14.1	<0.001	0.016	0.34	2.3	0.2	0.8	16.2	<0.01
0300x7150	0.01	0.97	10.1	435	9.6	18.4	<0.001	0.020	0.66	2.3	<0.2	1.0	21.5	<0.01
0300x7250	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss
0300x7350	0.01	2.01	6.8	1300	9.0	9.9	<0.001	0.021	0.29	1.8	0.2	0.6	16.0	<0.01
0300x7450	0.01	2.48	7.1	1020	8.4	7.9	<0.001	0.016	0.22	2.1	<0.2	0.8	16.7	0.01
0300x7550	0.01	1.02	3.9	181	6.8	8.9	<0.001	0.014	0.17	1.1	<0.2	0.6	21.7	<0.01
0300x7650	0.01	0.96	2.9	166	6.4	6.3	<0.001	0.016	0.17	0.9	<0.2	0.8	23.5	<0.01
0300x7750	0.01	2.52	6.7	1990	6.2	7.5	<0.001	0.031	0.23	1.6	0.3	0.5	15.4	0.04
0300x7850	0.02	1.42	9.5	633	7.4	6.2	<0.001	0.009	0.32	2.5	0.3	0.6	23.3	<0.01
0300x7950	0.01	2.01	4.4	146	8.3	6.0	<0.001	0.008	0.16	1.8	0.2	0.6	20.0	<0.01
0300x8050	0.01	2.34	8.4	808	9.9	10.7	<0.001	0.012	0.37	2.1	0.2	0.7	12.8	<0.01
0300x8150	0.02	2.07	9.8	219	7.5	6.7	<0.001	0.013	0.23	2.3	0.2	0.7	27.3	<0.01
0300x8250	<0.01	0.87	5.1	207	8.6	7.6	<0.001	0.012	0.17	1.4	0.4	0.5	18.4	<0.01
0300x8300	0.06	0.21	13.5	348	1.9	2.6	<0.001	0.041	0.24	2.7	0.4	0.3	26.1	<0.01

Certified By:

Ron Cardinali



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0300x8350	0.01	1.13	6.6	455	6.1	6.2	<0.001	0.021	0.27	1.6	0.3	0.5	29.8	<0.01
0300x8450	<0.01	1.99	4.6	989	7.1	5.0	<0.001	0.019	0.19	1.3	<0.2	0.4	10.4	0.01
0400x4050	0.01	1.04	4.1	579	15.5	14.6	<0.001	0.012	0.16	1.2	<0.2	0.5	20.8	<0.01
0400x4150	0.01	0.84	23.0	564	16.8	22.2	<0.001	0.027	0.18	0.9	<0.2	0.5	25.7	<0.01
0400x4250	0.01	1.99	5.6	438	7.9	8.4	<0.001	0.011	0.21	1.7	0.2	0.6	12.2	<0.01
0400x4350	<0.01	1.64	4.9	800	8.3	6.7	<0.001	0.012	0.21	1.6	<0.2	0.6	13.0	<0.01
0400x4450	<0.01	1.45	5.6	224	10.8	11.5	<0.001	0.007	0.12	1.6	<0.2	0.5	12.0	<0.01
0400x4550	0.01	1.75	4.8	294	11.3	9.0	<0.001	0.012	0.17	1.8	0.2	0.5	14.8	<0.01
0400x4650	<0.01	2.22	6.6	1070	14.7	9.4	<0.001	0.018	0.25	2.3	0.3	0.4	10.3	0.01
0400x4750	<0.01	1.95	6.0	658	7.5	8.6	<0.001	0.017	0.20	2.3	0.2	0.4	7.4	0.01
0400x4850	<0.01	1.78	3.6	416	11.0	7.4	<0.001	0.013	0.18	1.4	<0.2	0.4	6.3	<0.01
0400x4950	<0.01	1.28	3.8	175	8.8	8.1	<0.001	0.010	0.15	1.8	<0.2	0.6	17.0	<0.01
0400x5050	<0.01	0.89	5.5	417	12.4	17.5	<0.001	0.021	0.16	1.1	<0.2	0.4	15.6	<0.01
0400x5150	<0.01	1.73	3.5	626	15.5	10.8	<0.001	0.017	0.23	1.5	<0.2	0.4	8.2	<0.01
0400x5250	<0.01	0.90	2.3	243	8.3	10.4	<0.001	0.011	0.12	0.9	<0.2	0.5	7.0	<0.01
0400x5350	<0.01	0.62	2.8	168	11.3	14.6	<0.001	0.008	0.21	0.8	<0.2	0.4	8.7	<0.01
0400x5450	<0.01	1.24	2.9	283	7.6	9.9	<0.001	0.007	0.16	1.4	<0.2	0.6	11.4	<0.01
0400x5550	0.01	0.80	2.9	148	12.1	13.7	<0.001	0.013	0.19	1.3	<0.2	0.4	42.0	<0.01
0400x5650	<0.01	0.46	3.3	97	4.0	5.2	<0.001	0.005	0.16	0.6	<0.2	0.4	6.9	<0.01
0400x5750	<0.01	1.33	3.1	569	9.0	8.8	<0.001	0.020	0.25	1.0	<0.2	0.2	5.7	<0.01
0400x5850	<0.01	1.15	3.1	131	7.2	4.8	<0.001	0.006	0.18	1.2	<0.2	0.5	7.2	<0.01
0400x5950	<0.01	0.10	1.5	240	4.6	7.6	<0.001	0.007	0.07	0.2	<0.2	<0.2	4.9	<0.01
0400x6050	0.02	1.65	9.8	744	32.6	29.7	0.001	0.093	1.04	3.5	2.6	0.5	240	0.02
0400x6150	0.01	0.50	3.3	930	6.1	6.9	<0.001	0.102	1.23	1.3	0.5	<0.2	139	<0.01
0400x6700	0.07	0.14	33.3	565	14.1	7.4	0.298	1.18	9.72	4.3	2.2	11.0	107	<0.01
0400x6750	0.01	1.59	4.2	154	9.4	7.5	0.001	0.018	0.22	1.6	<0.2	0.4	20.1	<0.01
0400x6850	<0.01	1.10	2.7	671	10.8	15.7	<0.001	0.012	0.12	1.2	<0.2	0.4	11.1	<0.01
0400x6950	<0.01	1.05	2.5	111	5.9	13.4	<0.001	0.009	0.17	1.2	<0.2	0.4	12.0	<0.01
0400x7050	0.01	1.49	9.3	717	8.7	14.4	<0.001	0.014	0.27	2.8	0.2	0.5	14.4	<0.01
0400x7150	<0.01	1.16	8.1	356	7.6	10.7	<0.001	0.013	0.28	2.2	<0.2	0.5	12.0	<0.01
0400x7250	0.01	1.44	7.1	195	15.0	11.1	<0.001	0.012	0.28	2.5	<0.2	0.7	21.1	<0.01
0400x7350	0.01	1.66	12.2	786	11.8	16.3	<0.001	0.067	0.24	4.9	1.2	0.6	80.9	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0400x7450	0.01	1.97	4.8	711	9.4	11.3	<0.001	0.012	0.25	2.4	0.2	0.7	18.0	<0.01
0400x7550	0.01	2.99	11.1	1200	8.4	13.5	<0.001	0.020	0.19	3.3	0.3	0.8	33.1	<0.01
0400x7650	0.01	1.55	3.4	269	8.5	4.2	<0.001	0.007	0.12	1.5	<0.2	0.7	7.9	<0.01
0400x7750	<0.01	2.40	5.6	1800	6.5	7.5	<0.001	0.020	0.21	2.5	<0.2	0.6	8.7	0.01
0400x7850	0.01	2.03	6.8	726	7.2	11.6	<0.001	0.015	0.18	2.9	<0.2	0.9	13.4	<0.01
0400x7950	0.01	2.44	7.6	821	7.0	9.9	<0.001	0.019	0.26	2.5	0.3	0.6	16.4	<0.01
0400x8050	0.01	0.84	7.2	450	6.5	8.7	<0.001	0.020	0.41	1.8	<0.2	0.6	35.2	<0.01
0400x8150	<0.01	2.58	5.1	988	6.7	7.4	<0.001	0.020	0.36	2.5	0.3	0.6	12.9	0.01
0400x8250	<0.01	1.84	3.7	197	9.3	7.1	<0.001	0.007	0.28	1.8	<0.2	0.7	12.9	<0.01
0400x8350	0.01	1.85	7.5	646	6.7	7.5	<0.001	0.013	0.35	2.8	0.3	0.5	14.1	0.01
0400x8450	0.02	1.22	11.4	757	6.6	16.8	<0.001	0.090	0.53	3.4	1.1	0.5	144	<0.01
0500x6750	0.01	1.50	2.1	72	7.5	5.1	<0.001	0.007	0.20	1.4	<0.2	0.5	14.8	<0.01
0500x6850	<0.01	1.17	3.3	125	7.5	10.5	<0.001	0.010	0.23	1.3	<0.2	0.5	13.6	<0.01
0500x6950	<0.01	1.64	5.4	357	13.8	18.7	<0.001	0.010	0.32	1.8	<0.2	0.5	13.6	<0.01
0500x7050	0.01	0.39	3.4	350	9.2	26.6	<0.001	0.023	0.42	0.7	<0.2	0.6	16.1	<0.01
0500x7150	<0.01	1.03	3.0	143	9.6	10.9	<0.001	0.008	0.31	1.4	<0.2	0.6	11.6	<0.01
0500x7250	<0.01	1.50	9.6	822	10.6	13.4	<0.001	0.012	0.63	2.8	<0.2	0.6	11.0	<0.01
0500x7300	0.08	0.47	19.2	387	2.4	4.0	0.001	0.059	0.36	5.3	0.6	0.4	37.8	<0.01
0500x7350	0.01	1.06	3.0	172	9.1	11.0	<0.001	0.010	0.32	1.6	<0.2	0.8	16.3	<0.01
0500x7450	0.01	1.30	2.6	196	8.3	6.6	<0.001	0.008	0.28	1.9	<0.2	0.8	13.3	<0.01
0500x7550	<0.01	1.92	3.7	211	7.4	9.8	<0.001	0.007	0.26	2.0	<0.2	0.8	8.2	<0.01
0500x7650	0.01	1.42	4.0	347	6.4	6.0	<0.001	0.010	0.28	1.9	<0.2	0.7	19.0	<0.01
0500x7750	0.01	1.78	6.8	1060	6.2	6.5	<0.001	0.034	0.25	2.1	<0.2	0.7	14.1	<0.01
0500x7850	<0.01	1.52	6.0	869	6.4	13.3	<0.001	0.010	0.24	2.5	<0.2	0.6	11.5	<0.01
0500x7950	0.01	2.31	8.5	444	10.9	11.5	<0.001	0.045	0.27	2.3	0.2	0.8	34.9	<0.01
0500x8050	0.01	1.94	3.4	265	8.0	5.3	<0.001	0.008	0.32	1.8	<0.2	0.8	14.4	<0.01
0500x8150	<0.01	1.80	6.2	885	6.7	7.7	<0.001	0.023	0.42	2.7	0.2	0.8	11.4	<0.01
0500x8250	0.02	1.64	7.8	318	8.0	10.7	<0.001	0.018	0.30	3.3	0.4	0.6	40.1	<0.01
0500x8350	0.02	1.74	6.8	474	9.0	8.2	<0.001	0.023	0.42	3.1	0.3	0.6	26.6	<0.01
0500x8450	0.03	0.98	7.0	1070	3.3	5.1	0.002	0.294	1.23	2.8	1.9	0.2	147	0.01
0600x6750	0.01	1.53	4.3	113	11.0	8.4	<0.001	0.013	0.23	2.1	<0.2	0.4	29.6	<0.01
0600x6850	0.01	1.45	4.6	543	9.6	7.9	<0.001	0.009	0.22	1.7	<0.2	0.4	11.8	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027
PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0600x6950	0.01	1.32	4.9	216	10.6	29.7	<0.001	0.024	0.37	1.7	<0.2	0.6	18.6	<0.01
0600x7050	0.01	0.88	18.8	1160	15.3	54.9	<0.001	0.057	0.40	2.3	0.4	0.6	35.4	<0.01
0600x7150	0.01	2.41	7.5	1130	8.2	20.2	<0.001	0.022	0.36	3.0	0.3	0.8	12.5	0.01
0600x7250	0.01	1.54	4.8	454	8.9	14.4	<0.001	0.018	0.38	2.3	<0.2	0.6	12.2	<0.01
0600x7350	0.01	0.58	5.8	333	10.5	7.2	<0.001	0.045	0.49	1.2	0.4	0.5	45.0	<0.01
0600x7450	0.01	1.13	11.0	358	14.1	24.9	<0.001	0.027	0.65	4.2	0.6	0.7	63.9	<0.01
0600x7550	0.01	1.87	4.2	148	10.1	15.4	<0.001	0.008	0.19	2.4	<0.2	0.5	22.1	<0.01
0600x7650	0.01	1.15	11.3	329	9.8	15.6	0.001	0.032	0.31	3.8	0.5	0.7	50.1	<0.01
0600x7750	0.02	2.39	14.2	840	9.3	16.4	<0.001	0.033	0.45	4.9	0.8	0.8	37.1	<0.01
0600x7850	0.01	2.38	9.1	1020	7.0	9.0	<0.001	0.018	0.33	3.0	0.3	0.8	15.0	<0.01
0600x7950	0.02	2.19	14.8	396	8.6	9.6	<0.001	0.030	0.50	5.4	0.7	0.8	51.9	<0.01
0600x8000	0.08	0.33	42.8	626	17.5	9.2	0.375	1.41	15.0	5.6	2.7	14.1	129	<0.01
0600x8050	<0.01	1.84	4.8	135	7.2	8.5	<0.001	0.007	0.35	1.7	<0.2	0.9	10.2	<0.01
0600x8150	<0.01	1.62	4.6	541	6.8	4.9	0.002	0.014	0.64	1.9	<0.2	0.9	10.6	<0.01
0600x8250	0.01	1.46	12.9	533	10.3	21.9	0.001	0.071	0.80	7.8	1.8	0.6	101	0.01
0600x8350	0.01	1.20	6.8	326	9.7	8.8	<0.001	0.023	0.35	2.6	0.4	0.7	22.1	<0.01
0600x8450	0.02	1.36	13.1	949	7.2	27.8	0.001	0.135	1.17	4.8	1.2	0.6	101	<0.01
0700x6750	<0.01	1.30	8.6	198	35.4	27.3	<0.001	0.022	0.43	3.7	0.6	0.6	57.8	<0.01
0700x6850	0.02	1.80	9.1	271	31.4	24.9	<0.001	0.030	0.59	3.4	0.5	0.5	41.8	<0.01
0700x6950	<0.01	1.68	4.3	217	20.9	15.2	<0.001	0.012	0.25	1.5	<0.2	0.6	14.7	<0.01
0700x7050	<0.01	1.31	4.5	572	20.3	26.5	<0.001	0.022	0.36	2.0	<0.2	0.6	16.0	<0.01
0700x7150	<0.01	1.24	4.7	500	12.3	20.1	<0.001	0.011	0.35	1.7	<0.2	0.7	9.8	<0.01
0700x7250	<0.01	2.18	5.4	1410	14.8	12.0	<0.001	0.018	0.31	2.3	0.2	0.6	9.8	0.02
0700x7350	0.01	0.77	4.0	302	10.8	15.5	<0.001	0.015	0.38	1.4	<0.2	0.6	14.9	<0.01
0700x7450	0.01	1.53	16.0	586	18.5	33.6	<0.001	0.046	0.49	7.8	1.3	1.0	82.0	<0.01
0700x7550	0.01	1.18	6.7	282	8.3	11.3	<0.001	0.012	0.89	2.0	<0.2	0.9	11.6	<0.01
0700x7650	0.01	2.77	6.7	1650	10.8	13.1	<0.001	0.025	0.27	2.9	0.3	0.6	14.8	0.02
0700x7750	0.01	1.54	7.5	288	8.7	10.4	<0.001	0.028	0.43	2.5	<0.2	0.7	45.8	<0.01
0700x7850	0.01	2.56	6.1	4610	7.6	14.7	<0.001	0.030	0.26	3.3	0.3	0.7	11.6	0.02
0700x7950	0.01	3.41	6.4	1830	8.2	10.7	<0.001	0.016	0.27	3.2	0.3	0.8	17.0	0.02
0700x8050	0.01	2.18	9.5	1370	11.1	16.0	<0.001	0.020	0.37	3.0	0.2	0.9	14.9	<0.01
0700x8150	0.01	1.43	3.7	243	5.9	6.8	<0.001	0.009	0.43	1.8	<0.2	0.8	10.8	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027
PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0700x8250	0.02	1.29	18.3	1650	18.5	24.8	<0.001	0.136	0.53	9.8	1.9	0.7	156	0.02
0700x8350	0.01	1.43	4.9	265	10.3	20.9	<0.001	0.029	0.20	2.2	0.2	0.8	42.4	<0.01
0700x8450	0.02	1.24	8.5	1480	4.0	8.8	0.002	0.250	3.04	1.7	1.9	0.3	106	0.02
0800x6750	0.01	1.60	7.0	300	211	10.6	<0.001	0.011	0.44	2.5	0.3	0.5	18.6	<0.01
0800x6850	<0.01	1.06	3.9	790	407	23.5	<0.001	0.016	1.95	0.9	<0.2	0.5	8.1	<0.01
0800x6900	0.08	0.58	18.4	402	5.1	4.1	<0.001	0.055	0.36	5.1	0.5	0.4	39.4	<0.01
0800x6950	<0.01	0.76	7.8	194	104	23.0	<0.001	0.017	1.05	0.6	<0.2	0.4	13.3	<0.01
0800x7050	<0.01	0.79	5.5	221	66.0	17.5	<0.001	0.025	1.16	0.5	<0.2	0.4	8.5	<0.01
0800x7150	<0.01	1.71	6.7	602	12.0	11.0	<0.001	0.012	0.39	1.8	<0.2	0.4	10.9	<0.01
0800x7250	<0.01	0.93	3.7	216	7.6	13.7	<0.001	0.007	0.56	1.5	<0.2	0.6	9.1	<0.01
0800x7350	0.01	2.11	8.3	977	14.5	21.4	<0.001	0.020	0.52	3.0	0.2	0.6	12.1	<0.01
0800x7450	0.01	1.62	5.3	590	8.7	16.6	<0.001	0.011	0.57	2.2	<0.2	0.8	11.6	<0.01
0800x7550	0.01	2.86	7.3	1130	11.7	15.5	<0.001	0.018	0.45	3.1	0.2	0.8	17.3	0.02
0800x7650	0.01	0.88	5.1	160	6.0	8.2	<0.001	0.014	0.62	1.6	<0.2	0.8	20.4	<0.01
0800x7750	0.01	1.33	8.6	1050	8.4	9.1	<0.001	0.026	0.37	2.2	0.2	0.5	14.2	<0.01
0800x7850	0.01	1.42	6.6	386	6.4	11.4	<0.001	0.011	0.31	2.4	<0.2	0.6	17.0	<0.01
0800x7950	<0.01	2.33	6.6	804	8.0	9.4	<0.001	0.014	0.35	2.6	0.2	0.6	12.0	<0.01
0800x8050	0.01	2.01	8.4	582	6.8	8.8	<0.001	0.008	0.45	3.0	0.2	0.6	20.0	<0.01
0800x8150	<0.01	1.54	4.3	242	6.6	14.1	<0.001	0.007	0.47	2.1	<0.2	0.8	12.8	<0.01
0800x8250	<0.01	2.42	5.7	679	7.5	9.1	<0.001	0.013	0.48	2.6	0.2	0.7	11.8	0.02
0800x8350	<0.01	1.54	6.2	393	7.7	5.7	<0.001	0.017	0.28	1.6	0.2	0.5	11.1	<0.01
0800x8450	0.03	1.43	12.2	1720	11.8	23.6	<0.001	0.140	0.86	6.6	1.6	0.7	107	<0.01
0900x6750	<0.01	1.80	5.5	512	14.0	10.8	<0.001	0.008	0.30	2.3	0.2	0.5	14.7	<0.01
0900x6850	<0.01	1.94	3.6	206	31.1	11.5	<0.001	0.012	0.46	1.7	<0.2	0.6	11.4	<0.01
0900x6950	0.01	1.57	4.6	299	36.4	13.9	<0.001	0.026	0.34	2.4	0.4	0.5	47.1	<0.01
0900x7050	0.02	1.50	6.3	246	24.6	10.3	<0.001	0.031	0.38	2.9	0.3	0.6	48.5	<0.01
0900x7150	0.01	1.97	3.2	104	13.3	11.0	<0.001	0.010	0.27	1.9	<0.2	0.5	22.9	<0.01
0900x7250	<0.01	1.35	4.2	346	11.5	14.3	<0.001	0.008	0.43	1.9	<0.2	0.6	8.7	<0.01
0900x7350	<0.01	1.16	3.2	145	7.1	19.9	<0.001	0.006	0.38	1.5	<0.2	0.6	10.4	<0.01
0900x7400	0.09	0.47	40.3	642	18.8	11.3	0.384	1.49	15.7	5.8	2.8	14.3	134	<0.01
0900x7450	0.01	1.51	6.1	281	9.7	16.2	0.003	0.008	0.76	2.6	<0.2	0.9	14.4	<0.01
0900x7550	0.01	1.60	4.4	905	8.5	8.6	<0.001	0.014	0.40	2.0	<0.2	0.7	11.4	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
0900x7650	<0.01	3.02	3.7	1260	12.4	8.6	<0.001	0.024	0.27	2.6	0.3	0.8	10.7	0.02
0900x7750	0.01	1.13	6.4	283	10.3	8.6	<0.001	0.013	0.26	1.9	<0.2	0.5	21.2	<0.01
0900x7850	0.01	1.71	5.4	202	8.8	10.9	<0.001	0.008	0.22	2.3	<0.2	0.6	26.0	<0.01
0900x7950	<0.01	2.24	6.2	1090	7.1	12.8	<0.001	0.020	0.31	3.1	0.2	0.7	14.3	<0.01
0900x8050	<0.01	2.27	5.9	627	7.3	11.6	<0.001	0.014	0.27	2.7	<0.2	0.8	14.8	<0.01
0900x8150	0.01	1.53	5.8	220	8.6	11.2	<0.001	0.016	0.24	2.6	0.2	0.8	25.8	<0.01
0900x8250	0.01	1.82	12.4	396	10.0	29.4	<0.001	0.040	0.23	7.9	1.4	0.8	48.5	<0.01
0900x8350	0.01	1.78	9.2	451	6.2	7.7	<0.001	0.009	0.28	3.1	0.3	0.5	21.8	<0.01
0900x8450	0.02	0.58	5.4	1120	1.5	2.1	0.002	0.268	1.62	1.2	1.6	<0.2	90.0	0.02
1000x6750	<0.01	3.84	5.2	1190	103	20.8	<0.001	0.016	0.75	2.5	0.3	0.8	10.1	0.01
1000x6850	<0.01	2.12	3.3	653	45.0	12.1	<0.001	0.011	0.27	1.7	<0.2	0.6	9.3	<0.01
1000x6950	<0.01	1.59	1.9	466	76.2	6.0	<0.001	0.016	0.32	1.0	<0.2	0.5	2.3	<0.01
1000x7050	<0.01	1.30	1.4	170	28.2	11.7	<0.001	0.008	0.24	1.1	<0.2	0.6	7.6	<0.01
1000x7150	<0.01	0.86	1.4	117	10.6	8.7	<0.001	0.006	0.20	0.9	<0.2	0.5	8.4	<0.01
1000x7250	<0.01	2.14	5.6	1220	12.1	17.6	<0.001	0.018	0.41	2.3	0.2	0.5	11.8	0.01
1000x7350	<0.01	0.78	6.3	274	14.6	23.3	<0.001	0.013	0.62	1.7	0.3	0.5	18.8	<0.01
1000x7450	<0.01	1.90	3.4	264	10.0	15.6	<0.001	0.012	0.46	1.8	<0.2	0.7	11.3	<0.01
1000x7550	0.01	1.96	8.0	1350	13.7	15.3	<0.001	0.017	0.65	3.3	0.2	0.7	15.0	<0.01
1000x7650	<0.01	0.91	2.9	989	11.7	4.9	<0.001	0.010	0.16	1.0	<0.2	0.2	5.6	0.02
1000x7750	<0.01	1.29	3.9	695	6.6	5.9	<0.001	0.007	0.25	1.6	<0.2	0.4	6.7	<0.01
1000x7850	<0.01	2.16	5.4	703	9.1	12.1	<0.001	0.010	0.38	2.5	<0.2	0.7	12.9	<0.01
1000x7950	<0.01	1.81	5.9	329	7.3	17.5	<0.001	0.006	0.51	2.7	<0.2	0.7	14.0	<0.01
1000x8000	0.08	0.55	18.5	411	2.5	4.2	0.001	0.056	0.35	5.4	0.5	0.5	38.5	<0.01
1000x8050	<0.01	2.72	4.1	653	8.0	9.9	<0.001	0.012	0.28	2.2	<0.2	0.8	13.7	<0.01
1000x8150	<0.01	2.82	5.5	929	7.8	9.4	<0.001	0.017	0.26	2.7	0.2	0.7	14.6	0.01
1000x8250	0.01	2.48	8.2	1090	7.5	11.1	<0.001	0.013	0.46	3.4	<0.2	1.1	10.2	<0.01
1000x8350	0.01	1.94	6.2	334	7.5	9.3	<0.001	0.010	0.25	2.5	<0.2	0.5	18.7	<0.01
1000x8450	0.01	2.19	8.8	599	6.8	8.6	<0.001	0.021	0.29	3.4	0.3	0.6	20.1	<0.01
1100x6750	0.01	2.11	5.1	610	11.2	7.5	<0.001	0.012	0.25	2.2	0.2	0.4	15.6	<0.01
1100x6850	0.01	1.49	6.7	674	64.1	30.8	<0.001	0.044	0.32	1.7	0.3	0.8	33.0	<0.01
1100x6950	<0.01	2.31	2.8	563	64.7	13.0	<0.001	0.012	0.36	1.8	0.2	0.6	9.0	0.02
1100x7050	<0.01	2.10	4.6	812	76.6	14.2	<0.001	0.023	0.46	2.2	0.6	0.6	8.9	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027
 PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
1100x7150	<0.01	0.91	1.8	115	23.2	10.7	<0.001	0.006	0.22	1.1	<0.2	0.5	10.8	<0.01
1100x7250	<0.01	1.36	3.6	148	18.5	12.6	<0.001	0.010	0.36	1.2	<0.2	0.5	9.8	<0.01
1100x7350	<0.01	2.25	3.7	644	22.7	11.4	<0.001	0.014	0.39	2.0	<0.2	0.6	10.5	<0.01
1100x7450	0.01	0.99	2.5	133	6.9	5.3	<0.001	0.009	0.23	1.1	<0.2	0.6	7.5	<0.01
1100x7550	<0.01	2.31	4.5	626	16.7	23.7	<0.001	0.011	0.40	2.1	<0.2	0.7	9.8	<0.01
1100x7650	<0.01	1.38	7.5	302	12.4	12.8	<0.001	0.006	0.61	2.4	<0.2	0.5	4.1	<0.01
1100x7750	0.01	2.13	16.0	474	12.2	38.6	<0.001	0.063	0.31	9.9	1.6	0.8	131	<0.01
1100x7850	0.01	1.04	4.6	219	9.9	7.9	<0.001	0.017	0.17	2.1	0.2	0.6	39.7	<0.01
1100x7950	0.02	1.52	16.1	830	16.3	59.5	<0.001	0.052	0.50	5.2	0.6	1.1	113	<0.01
1100x8050	0.01	2.48	5.9	1120	7.7	11.6	<0.001	0.012	0.24	3.3	0.3	0.7	17.3	0.02
1100x8150	0.01	2.11	9.2	2440	10.6	19.0	<0.001	0.017	0.66	3.6	0.3	0.6	12.5	<0.01
1100x8250	0.01	2.68	6.3	1330	7.2	9.4	<0.001	0.018	0.39	3.1	0.3	0.6	13.1	0.02
1100x8350	<0.01	1.12	3.9	360	6.7	4.0	<0.001	0.011	0.34	1.8	<0.2	0.9	10.4	<0.01
1100x8450	0.01	0.21	3.5	316	7.4	7.2	<0.001	0.021	0.48	0.2	<0.2	0.5	20.5	<0.01
1200x6750	0.01	1.46	4.2	102	23.0	9.2	<0.001	0.006	0.28	1.9	<0.2	0.4	22.4	<0.01
1200x6850	<0.01	3.52	5.3	1040	71.8	21.8	<0.001	0.024	0.25	2.0	0.2	0.7	16.6	0.02
1200x6900	0.09	0.39	39.2	622	17.8	10.3	0.366	1.41	15.3	5.5	2.8	13.7	133	<0.01
1200x6950	0.01	0.53	2.2	218	69.5	10.2	0.003	0.012	0.32	0.7	<0.2	0.7	13.4	<0.01
1200x7050	<0.01	0.88	1.1	96	58.7	14.8	<0.001	0.006	0.19	0.8	<0.2	0.4	11.4	<0.01
1200x7150	0.01	1.27	1.0	83	21.9	8.1	<0.001	<0.005	0.15	0.9	<0.2	0.5	8.6	<0.01
1200x7250	<0.01	1.41	4.7	157	30.6	10.4	<0.001	0.009	0.21	1.6	<0.2	0.6	12.9	<0.01
1200x7350	0.01	1.57	7.7	290	37.0	9.8	<0.001	0.024	0.44	3.3	0.4	0.9	44.4	<0.01
1200x7450	0.01	1.29	6.3	339	22.3	9.2	<0.001	0.010	0.42	1.9	0.2	0.5	10.5	<0.01
1200x7550	<0.01	0.79	3.2	510	8.7	9.7	<0.001	0.007	0.34	1.2	<0.2	0.6	8.7	<0.01
1200x7650	0.01	0.85	3.8	219	11.9	9.5	<0.001	0.019	0.19	1.7	0.3	0.6	36.9	<0.01
1200x7750	0.01	0.26	6.1	446	11.9	14.0	<0.001	0.014	0.29	0.6	<0.2	0.7	17.2	<0.01
1200x7850	0.01	1.68	6.1	516	8.1	7.1	<0.001	0.009	0.21	2.4	<0.2	0.5	18.9	<0.01
1200x7950	<0.01	2.45	6.4	1130	10.6	16.2	<0.001	0.011	0.38	3.0	0.3	0.7	9.0	0.03
1200x8050	0.01	1.52	7.5	1130	7.8	15.7	<0.001	0.019	0.37	2.8	<0.2	0.7	12.5	<0.01
1200x8150	0.01	0.68	9.5	241	7.1	22.2	<0.001	0.020	0.37	2.1	<0.2	0.6	26.0	<0.01
1200x8250	<0.01	1.96	7.4	1230	8.6	10.7	<0.001	0.016	0.40	3.3	0.3	0.6	9.1	0.02
1200x8350	0.02	1.44	12.5	748	16.9	16.7	0.001	0.060	0.39	2.8	2.4	0.7	87.0	0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
Sample Description	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
1200x8450	<0.01	3.31	6.0	4680	8.5	8.3	<0.001	0.031	0.39	3.3	0.4	0.5	13.6	0.04
1300x6750	<0.01	2.17	4.0	700	35.7	14.1	<0.001	0.014	0.33	2.1	0.2	0.6	8.9	0.01
1300x6850	0.01	1.32	4.7	153	44.2	19.2	<0.001	0.014	0.19	2.1	0.2	0.7	37.7	<0.01
1300x6950	<0.01	2.34	5.6	389	124	20.1	<0.001	0.012	0.52	1.9	0.3	0.5	5.0	<0.01
1300x7050	<0.01	0.57	2.1	134	67.4	9.5	<0.001	0.014	0.24	0.6	<0.2	0.4	11.9	<0.01
1300x7150	0.02	0.51	19.9	1630	44.0	1.7	0.001	0.562	0.46	1.5	1.5	<0.2	156	0.03
1300x7250	<0.01	0.32	2.7	186	25.4	11.1	<0.001	0.013	0.86	0.5	<0.2	0.5	12.0	<0.01
1300x7350	0.01	1.50	14.0	909	60.5	48.4	<0.001	0.049	0.80	3.1	0.8	0.9	106	<0.01
1300x7400	0.07	0.54	25.8	409	2.9	4.3	0.001	0.052	0.38	5.0	0.5	0.5	37.3	<0.01
1300x7450	0.01	1.55	7.3	444	26.3	6.9	<0.001	0.008	0.59	2.8	0.3	0.4	11.8	<0.01
1300x7550	0.01	1.94	5.6	966	19.2	11.0	<0.001	0.017	0.50	2.3	0.2	0.7	10.4	0.01
1300x7650	0.01	0.57	6.4	546	13.4	8.6	<0.001	0.022	0.45	1.0	<0.2	0.4	12.2	<0.01
1300x7750	0.01	1.62	5.8	308	11.0	11.0	<0.001	0.006	0.40	2.6	<0.2	0.9	15.0	<0.01
1300x7850	0.01	0.22	6.5	295	11.6	19.3	<0.001	0.018	0.24	0.4	<0.2	0.6	15.5	<0.01
1300x7950	0.01	1.00	8.1	367	17.8	11.1	<0.001	0.011	0.46	5.3	0.9	0.6	28.5	<0.01
1300x8050	<0.01	1.65	7.3	791	9.4	8.6	<0.001	0.010	0.46	2.6	<0.2	0.5	13.3	<0.01
1300x8150	0.01	1.83	6.0	1730	8.1	9.4	<0.001	0.021	0.31	2.7	<0.2	0.7	11.8	<0.01
1300x8250	0.01	1.46	3.3	131	6.3	2.5	<0.001	0.005	0.30	1.6	<0.2	0.8	9.6	<0.01
1300x8350	0.01	0.82	13.8	278	12.3	21.1	<0.001	0.023	0.36	3.0	0.6	0.7	44.9	<0.01
1300x8450	<0.01	1.96	5.5	1930	8.0	10.4	<0.001	0.017	0.28	3.6	0.2	0.8	12.8	<0.01
1400x6750	<0.01	1.69	3.8	773	31.6	11.3	<0.001	0.012	0.28	1.7	0.2	0.5	10.3	0.02
1400x6850	0.01	1.28	5.0	145	13.6	13.4	<0.001	0.013	0.50	2.0	<0.2	0.5	33.1	<0.01
1400x6950	<0.01	1.24	3.0	123	37.7	13.5	<0.001	0.006	0.23	1.4	<0.2	0.5	11.7	<0.01
1400x7050	<0.01	0.79	9.9	156	33.8	14.4	0.002	0.015	1.10	1.8	0.5	0.4	40.2	<0.01
1400x7150	<0.01	1.06	8.4	1560	336	4.4	0.008	0.425	1.26	2.0	4.4	0.3	88.2	0.01
1400x7250	<0.01	0.73	4.4	522	29.8	21.6	<0.001	0.008	0.38	1.3	<0.2	0.4	5.8	<0.01
1400x7350	0.01	0.91	5.6	339	14.5	24.1	<0.001	0.014	0.57	1.5	<0.2	0.7	11.5	<0.01
1400x7450	<0.01	0.43	2.7	124	26.2	9.6	<0.001	0.005	0.22	1.0	<0.2	0.5	12.8	<0.01
1400x7550	0.02	0.80	8.6	1690	32.0	10.4	<0.001	0.232	0.61	1.9	1.6	0.3	118	<0.01
1400x7650	0.01	0.63	8.8	269	12.1	12.5	<0.001	0.017	0.32	1.6	<0.2	0.5	24.3	<0.01
1400x7750	<0.01	1.31	5.8	628	12.1	11.4	<0.001	0.010	0.49	1.9	<0.2	0.7	9.7	<0.01
1400x7850	0.01	1.18	18.0	1000	15.3	33.5	<0.001	0.070	0.49	9.8	1.9	0.8	80.5	0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027
PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
1400x7950	<0.01	1.71	6.6	2090	6.6	12.6	<0.001	0.016	0.36	3.2	0.2	0.6	10.6	0.01
1400x8000	0.08	0.33	38.0	624	18.0	10.2	0.383	1.37	16.0	5.3	2.7	13.7	128	<0.01
1400x8050	0.01	0.99	4.7	231	8.2	6.0	0.003	0.020	0.38	1.9	<0.2	0.8	34.1	<0.01
1400x8150	<0.01	2.59	5.1	3080	7.5	11.4	<0.001	0.024	0.41	3.2	0.3	0.7	9.6	<0.01
1400x8250	<0.01	1.46	9.2	1280	8.2	8.7	<0.001	0.021	0.40	2.6	<0.2	0.7	11.8	<0.01
1400x8350	<0.01	1.48	6.7	1310	7.1	9.2	<0.001	0.018	0.30	2.8	0.2	0.7	11.9	<0.01
1400x8450	<0.01	1.10	7.9	1160	14.0	9.9	<0.001	0.024	0.42	1.4	<0.2	0.6	14.8	<0.01
1500x6750	<0.01	1.65	4.4	838	23.8	14.0	<0.001	0.014	0.35	1.5	<0.2	0.5	9.9	0.01
1500x6850	0.02	1.53	16.7	1030	24.9	19.4	0.003	0.232	1.03	5.3	2.5	0.5	312	<0.01
1500x6950	<0.01	0.85	13.1	570	13.4	15.2	<0.001	0.011	1.34	2.6	0.3	0.4	15.5	<0.01
1500x7050	<0.01	1.13	6.6	258	20.1	11.7	<0.001	0.010	2.29	1.7	0.4	0.4	5.1	<0.01
1500x7150	<0.01	0.51	2.5	102	36.1	10.2	<0.001	<0.005	0.28	1.0	<0.2	0.3	10.1	<0.01
1500x7250	<0.01	1.32	5.6	816	62.3	18.2	<0.001	0.013	0.46	1.5	0.2	0.3	7.4	<0.01
1500x7350	<0.01	1.18	8.8	321	41.2	13.9	<0.001	0.009	0.76	2.5	0.3	0.4	8.4	<0.01
1500x7450	<0.01	0.48	6.7	388	27.0	10.5	<0.001	0.012	0.42	1.6	0.2	0.4	15.9	<0.01
1500x7550	<0.01	1.36	9.2	616	26.5	13.4	<0.001	0.017	0.66	1.9	0.2	0.7	14.8	<0.01
1500x7650	0.01	2.36	11.7	555	19.5	9.5	<0.001	0.010	0.61	3.8	0.3	0.7	17.3	<0.01
1500x7750	0.02	1.08	15.1	1160	17.5	15.6	<0.001	0.102	0.90	4.4	1.0	0.7	60.8	<0.01
1500x7850	0.01	1.31	5.1	272	19.2	14.3	<0.001	0.009	0.39	2.1	0.2	0.6	25.5	<0.01
1500x7950	0.01	2.61	7.3	2390	7.5	15.4	<0.001	0.023	0.42	3.7	0.3	0.8	15.9	0.02
1500x8050	<0.01	1.61	5.6	856	7.7	8.9	<0.001	0.011	0.36	2.9	<0.2	0.9	16.3	<0.01
1500x8150	<0.01	1.83	3.8	962	6.2	7.4	<0.001	0.016	0.36	1.9	<0.2	0.8	11.1	<0.01
1500x8250	0.01	2.38	7.7	2010	10.0	12.4	<0.001	0.025	0.38	3.2	0.2	0.8	17.1	0.01
1500x8350	<0.01	<0.05	<0.2	1800	<0.1	<0.1	<0.001	0.019	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01
1500x8450	0.01	1.05	5.3	442	6.2	8.1	<0.001	0.015	0.45	1.6	<0.2	0.6	13.8	<0.01
1600x6750	0.01	1.77	21.1	934	24.7	28.5	<0.001	0.089	1.47	7.2	1.6	0.8	115	<0.01
1600x6800	0.08	0.68	18.3	458	2.7	4.2	0.001	0.056	0.38	5.0	0.6	0.5	41.3	<0.01
1600x6850	0.01	1.55	15.0	852	15.7	20.4	0.002	0.132	2.75	6.1	1.9	0.6	241	0.02
1600x6950	0.01	0.98	5.6	310	21.1	18.6	<0.001	0.016	0.35	2.0	<0.2	0.6	34.3	<0.01
1600x7050	<0.01	1.03	3.6	234	15.3	5.5	<0.001	0.018	0.30	1.5	<0.2	0.4	12.9	<0.01
1600x7150	<0.01	0.40	3.2	352	20.8	5.4	<0.001	0.019	0.34	0.4	<0.2	0.5	9.1	<0.01
1600x7250	<0.01	1.59	3.9	922	36.6	12.9	<0.001	0.012	0.37	1.7	<0.2	0.5	8.5	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
Sample Description														
1600x7350	<0.01	0.88	4.4	968	89.1	36.3	<0.001	0.046	0.29	1.4	0.2	0.7	21.8	<0.01
1600x7450	<0.01	1.49	3.1	543	41.1	15.1	<0.001	0.017	0.32	1.5	<0.2	0.6	8.4	<0.01
1600x7550	0.01	0.48	6.1	443	14.6	12.2	<0.001	0.022	0.38	1.2	0.2	0.5	24.4	<0.01
1600x7650	<0.01	2.12	5.1	1460	15.8	14.4	<0.001	0.018	0.42	2.7	0.3	0.6	12.3	0.02
1600x7750	<0.01	1.92	5.2	464	14.2	7.9	<0.001	0.014	0.36	2.5	0.2	0.8	17.1	<0.01
1600x7850	<0.01	2.00	8.5	1040	14.9	8.8	<0.001	0.019	0.46	2.9	0.3	0.5	13.9	<0.01
1600x7950	0.01	1.13	6.1	2130	8.2	12.3	<0.001	0.045	0.34	1.5	0.2	0.8	24.3	<0.01
1600x8050	0.02	2.24	5.6	4110	7.7	9.8	<0.001	0.026	0.33	3.0	0.2	0.8	11.0	0.01
1600x8150	<0.01	2.31	5.9	2170	8.3	11.8	<0.001	0.019	0.30	3.5	0.2	0.8	13.3	<0.01
1600x8250	<0.01	1.40	4.7	1050	7.0	6.7	<0.001	0.018	0.43	2.6	<0.2	0.8	12.4	<0.01
1600x8350	<0.01	1.04	5.0	598	7.1	9.1	<0.001	0.015	0.39	1.8	<0.2	0.7	19.6	<0.01
1600x8450	0.01	0.75	4.9	242	6.6	8.7	<0.001	0.014	0.50	1.4	<0.2	0.7	15.4	<0.01
1700x6750	<0.01	1.47	5.4	148	18.7	9.8	<0.001	0.010	0.29	2.2	0.2	0.5	20.3	<0.01
1700x6850	<0.01	1.06	6.4	379	91.7	21.1	<0.001	0.016	0.41	2.4	0.2	0.6	17.6	<0.01
1700x6950	<0.01	1.08	9.1	358	30.2	15.0	<0.001	0.021	0.67	2.3	0.3	0.5	36.8	<0.01
1700x7050	<0.01	1.03	2.7	340	14.0	10.6	<0.001	0.012	0.40	1.4	<0.2	0.5	14.9	<0.01
1700x7150	<0.01	0.55	1.1	202	5.8	3.1	<0.001	0.007	0.17	0.6	<0.2	0.5	6.6	<0.01
1700x7250	<0.01	1.08	5.4	371	24.1	23.1	<0.001	0.009	0.35	1.7	<0.2	0.6	9.2	<0.01
1700x7350	<0.01	1.13	2.1	148	26.2	12.4	<0.001	<0.005	0.23	1.2	<0.2	0.5	10.8	<0.01
1700x7450	<0.01	1.22	2.3	650	39.5	21.9	<0.001	0.011	0.29	1.0	<0.2	0.4	6.9	<0.01
1700x7500	0.08	0.27	40.0	716	18.8	9.9	0.377	1.38	14.8	5.7	2.7	14.0	122	<0.01
1700x7550	<0.01	0.92	6.1	490	11.2	18.4	0.001	0.013	0.58	1.8	<0.2	0.7	7.8	<0.01
1700x7650	0.01	1.41	11.7	587	22.7	37.3	<0.001	0.036	0.35	3.5	0.3	1.0	59.3	<0.01
1700x7750	<0.01	0.23	2.8	250	14.6	17.9	<0.001	0.019	0.27	0.3	<0.2	0.6	24.5	<0.01
1700x7850	<0.01	2.29	7.8	1090	18.8	11.3	<0.001	0.021	0.30	3.0	<0.2	0.7	14.5	<0.01
1700x7950	0.01	1.37	11.0	590	17.7	14.8	<0.001	0.052	0.40	3.8	0.5	0.8	73.5	<0.01
1700x8050	0.01	2.10	6.4	3940	7.6	16.7	<0.001	0.025	0.30	3.6	<0.2	0.8	13.6	<0.01
1700x8150	<0.01	2.15	5.4	3930	8.4	12.5	<0.001	0.016	0.32	3.2	<0.2	0.7	13.2	<0.01
1700x8250	<0.01	2.10	5.1	1470	9.1	4.9	<0.001	0.011	0.38	3.3	<0.2	0.9	12.4	<0.01
1700x8350	<0.01	1.94	6.1	741	8.2	18.3	<0.001	0.012	0.32	3.1	<0.2	0.7	16.2	<0.01
1700x8450	0.01	2.15	7.4	1700	7.8	17.5	<0.001	0.022	0.43	3.1	<0.2	0.8	18.5	<0.01
1800x6750	<0.01	1.12	10.3	308	19.7	21.1	<0.001	0.022	0.39	2.5	0.3	0.6	34.7	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011		DATE RECEIVED: Jul 20, 2011					DATE REPORTED: Sep 07, 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	
1800x6850	<0.01	2.18	3.8	807	21.6	19.4	<0.001	0.014	0.31	1.9	<0.2	0.6	8.2	<0.01	
1800x6950	<0.01	1.25	5.4	122	22.6	11.2	<0.001	0.008	0.31	2.3	<0.2	0.4	17.0	<0.01	
1800x7050	0.01	0.97	6.3	237	18.8	11.2	<0.001	0.010	0.61	2.7	<0.2	0.4	25.1	<0.01	
1800x7150	0.01	1.28	9.0	419	20.5	21.7	<0.001	0.031	0.51	3.9	0.2	0.6	54.8	<0.01	
1800x7250	<0.01	1.12	3.6	418	14.9	13.8	<0.001	0.006	0.24	2.0	<0.2	0.6	9.4	<0.01	
1800x7350	<0.01	2.37	5.6	2260	39.6	17.6	<0.001	0.021	0.34	2.7	0.2	0.7	7.9	0.02	
1800x7450	<0.01	0.20	1.5	139	11.5	5.6	<0.001	0.005	0.17	0.4	<0.2	0.5	6.1	<0.01	
1800x7550	<0.01	0.91	1.3	100	14.4	10.0	<0.001	<0.005	0.18	1.0	<0.2	0.5	6.5	<0.01	
1800x7650	<0.01	0.97	4.0	291	13.8	13.9	<0.001	0.012	0.31	1.8	<0.2	0.6	13.1	<0.01	
1800x7750	0.01	1.25	10.0	574	19.6	16.0	<0.001	0.019	0.37	3.5	<0.2	0.9	28.7	<0.01	
1800x7850	0.01	1.64	8.7	544	15.4	7.0	<0.001	0.009	0.50	3.4	0.2	0.6	25.4	<0.01	
1800x7950	<0.01	1.89	6.4	867	9.1	9.4	<0.001	0.007	0.42	3.0	<0.2	0.8	11.3	<0.01	
1800x8050	0.01	1.09	6.1	751	7.0	9.0	<0.001	0.016	0.35	2.2	<0.2	0.8	14.5	<0.01	
1800x8100	0.08	0.51	19.3	478	2.7	4.4	0.001	0.056	0.38	5.7	0.3	0.5	36.6	<0.01	
1800x8150	<0.01	1.66	5.8	1050	7.6	12.6	<0.001	0.013	0.36	2.8	<0.2	0.8	13.1	<0.01	
1800x8250	0.01	0.97	3.2	156	7.1	6.1	<0.001	0.009	0.30	1.8	<0.2	0.7	14.2	<0.01	
1800x8350	<0.01	1.76	7.6	1030	9.1	14.4	<0.001	0.012	0.43	3.2	<0.2	0.7	11.3	<0.01	
1800x8450	0.01	1.63	5.3	390	7.9	12.5	<0.001	0.009	0.22	2.7	<0.2	0.7	16.9	<0.01	
1900x6750	0.01	1.76	14.9	382	23.6	30.4	<0.001	0.028	0.58	5.4	0.4	0.8	52.5	<0.01	
1900x6850	<0.01	2.37	5.1	1810	16.3	15.7	<0.001	0.015	0.27	2.3	<0.2	0.6	11.5	0.01	
1900x6950	<0.01	1.21	1.9	184	12.9	14.8	<0.001	0.007	0.22	1.1	<0.2	0.5	7.5	<0.01	
1900x7050	<0.01	1.66	8.1	566	15.5	17.6	<0.001	0.011	0.73	2.8	<0.2	0.6	11.0	<0.01	
1900x7150	<0.01	1.31	2.7	272	13.2	10.8	<0.001	0.008	0.36	1.5	<0.2	0.6	11.4	<0.01	
1900x7250	<0.01	0.96	3.0	415	9.2	12.9	<0.001	0.010	0.27	1.6	<0.2	0.5	7.6	<0.01	
1900x7350	<0.01	1.75	6.1	2340	19.5	11.1	<0.001	0.020	0.46	2.8	0.2	0.5	8.5	0.01	
1900x7450	<0.01	1.53	5.3	2960	22.7	14.1	<0.001	0.022	0.36	1.9	<0.2	0.6	9.8	<0.01	
1900x7550	<0.01	0.42	3.2	284	28.7	11.0	<0.001	0.013	0.36	0.8	<0.2	0.4	11.1	<0.01	
1900x7650	<0.01	1.19	2.6	409	26.2	9.6	<0.001	0.011	0.39	1.4	<0.2	0.5	8.0	<0.01	
1900x7750	<0.01	2.04	6.9	786	20.3	8.2	<0.001	0.012	0.48	2.7	<0.2	0.5	8.1	0.02	
1900x7850	0.01	1.62	7.1	418	17.4	9.0	<0.001	0.015	0.38	2.4	<0.2	0.6	28.6	<0.01	
1900x7950	0.01	1.29	4.4	218	19.1	9.5	<0.001	0.013	0.25	1.9	<0.2	0.6	28.1	<0.01	
1900x8050	0.01	0.78	3.9	599	10.0	9.8	<0.001	0.032	0.30	1.0	<0.2	0.5	28.5	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011		DATE RECEIVED: Jul 20, 2011					DATE REPORTED: Sep 07, 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	
1900x8150	0.01	1.70	5.9	755	9.0	10.5	<0.001	0.010	0.31	2.5	<0.2	0.7	17.3	<0.01	
1900x8250	0.01	1.83	5.3	1940	8.4	13.0	<0.001	0.023	0.42	2.5	<0.2	0.7	18.7	<0.01	
1900x8350	0.01	1.21	4.8	759	6.8	10.5	<0.001	0.016	0.47	2.2	<0.2	0.7	15.5	<0.01	
1900x8450	0.01	1.29	6.0	283	6.9	13.7	<0.001	0.013	0.42	2.3	<0.2	0.7	22.4	<0.01	
2000x6750	0.01	2.05	6.6	171	18.0	9.4	<0.001	0.017	0.39	2.2	<0.2	0.7	26.2	<0.01	
2000x6850	0.01	1.50	6.7	196	11.0	16.3	<0.001	0.010	0.37	3.1	<0.2	0.5	26.1	<0.01	
2000x6900	0.09	0.29	37.9	661	18.3	10.0	0.378	1.47	16.6	5.4	2.7	15.1	145	<0.01	
2000x6950	<0.01	2.61	4.6	1660	16.6	14.4	<0.001	0.016	0.35	2.5	0.2	0.6	11.4	0.02	
2000x7050	<0.01	0.57	1.7	156	9.9	8.3	<0.001	0.010	0.21	0.7	<0.2	0.5	12.9	<0.01	
2000x7150	<0.01	1.49	4.9	423	18.2	11.4	<0.001	0.011	0.39	1.8	<0.2	0.5	12.4	<0.01	
2000x7250	0.01	0.87	8.5	504	24.0	19.1	<0.001	0.020	0.53	2.5	<0.2	0.6	43.8	<0.01	
2000x7350	<0.01	0.30	3.1	437	8.4	12.4	<0.001	0.010	0.22	0.4	<0.2	0.6	10.1	<0.01	
2000x7450	<0.01	1.14	6.3	618	20.8	7.5	<0.001	0.008	0.46	1.9	<0.2	0.4	10.5	<0.01	
2000x7550	0.01	0.31	3.5	371	25.0	8.9	<0.001	0.011	0.36	0.5	<0.2	0.4	13.8	<0.01	
2000x7650	<0.01	1.04	3.6	266	24.9	15.1	<0.001	0.016	0.35	1.4	<0.2	0.7	21.6	<0.01	
2000x7750	0.01	1.85	5.7	1010	22.6	10.1	<0.001	0.024	0.58	2.0	<0.2	0.6	11.6	0.02	
2000x7850	0.01	0.47	4.4	478	27.9	12.4	<0.001	0.034	0.30	0.7	<0.2	0.6	44.8	<0.01	
2000x7950	0.01	1.45	5.2	437	14.0	8.3	<0.001	0.015	0.37	2.3	<0.2	0.6	29.6	<0.01	
2000x8050	0.02	1.59	14.7	1520	15.3	26.7	<0.001	0.135	0.54	4.0	1.0	0.9	72.1	0.01	
2000x8150	0.01	1.38	6.3	179	10.1	16.6	<0.001	0.016	0.29	3.3	<0.2	0.6	45.6	<0.01	
2000x8250	0.01	0.94	10.0	1720	7.7	18.0	<0.001	0.140	0.37	2.1	1.1	0.4	61.6	<0.01	
2000x8350	<0.01	1.59	5.6	752	7.7	11.1	<0.001	0.012	0.36	2.5	<0.2	0.7	18.0	<0.01	
2000x8450	<0.01	1.92	5.7	1290	9.7	15.9	<0.001	0.016	0.45	2.6	<0.2	0.7	16.8	<0.01	
2100x6750	<0.01	1.89	5.5	658	14.1	16.0	<0.001	0.011	0.29	2.3	<0.2	0.6	15.8	<0.01	
2100x6850	0.01	1.21	7.2	457	13.5	16.8	<0.001	0.018	0.31	2.2	<0.2	0.5	20.2	<0.01	
2100x6950	<0.01	1.18	4.1	310	11.7	13.4	<0.001	0.007	0.30	1.9	<0.2	0.5	15.4	<0.01	
2100x7050	0.01	1.00	7.6	369	24.1	36.4	<0.001	0.026	0.38	1.2	<0.2	0.7	55.1	<0.01	
2100x7150	<0.01	2.56	6.1	1290	19.9	15.9	<0.001	0.019	0.42	2.7	<0.2	0.9	12.9	<0.01	
2100x7250	<0.01	0.74	6.2	339	9.0	17.1	<0.001	0.014	0.42	1.4	<0.2	0.6	15.8	<0.01	
2100x7350	<0.01	0.77	3.9	384	8.2	10.1	<0.001	0.008	0.39	1.3	<0.2	0.6	7.2	<0.01	
2100x7450	<0.01	1.00	4.7	1930	13.9	13.6	<0.001	0.013	0.38	1.8	<0.2	0.5	9.5	<0.01	
2100x7550	<0.01	0.76	2.5	212	9.5	18.5	<0.001	0.007	0.34	1.1	<0.2	0.5	7.1	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027
PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
2100x7600	0.07	0.29	19.4	445	2.4	3.8	0.001	0.056	0.30	5.0	0.5	0.4	36.8	<0.01
2100x7650	0.01	0.82	6.1	448	22.5	17.7	<0.001	0.044	0.35	1.3	0.2	0.5	50.2	<0.01
2100x7750	<0.01	1.29	5.1	902	23.4	11.7	<0.001	0.016	0.40	1.6	<0.2	0.4	9.0	<0.01
2100x7850	0.01	0.87	5.6	325	16.3	6.8	<0.001	0.011	0.32	1.6	<0.2	0.4	15.3	<0.01
2100x7950	0.01	0.82	5.1	679	23.0	23.2	<0.001	0.068	0.22	1.3	0.2	0.6	46.9	<0.01
2100x8050	0.01	0.64	3.6	183	8.1	5.7	<0.001	0.011	0.21	1.1	<0.2	0.6	12.9	<0.01
2100x8150	<0.01	1.56	6.8	517	10.7	7.7	<0.001	0.006	0.31	2.4	<0.2	0.5	11.7	<0.01
2100x8250	<0.01	1.34	7.3	631	8.2	12.8	<0.001	0.008	0.47	2.5	0.2	0.6	11.4	<0.01
2100x8350	0.01	1.09	4.6	290	6.4	10.5	<0.001	0.013	0.27	1.8	<0.2	0.5	17.9	<0.01
2100x8450	<0.01	1.56	5.8	898	8.6	13.9	<0.001	0.013	0.37	2.3	<0.2	0.6	15.8	<0.01
2200x8050	<0.01	1.70	6.0	919	11.9	7.2	<0.001	0.012	0.33	2.1	0.2	0.4	7.1	0.02
2200x8150	0.01	1.18	8.2	529	11.0	7.5	<0.001	0.016	0.35	3.0	0.2	0.4	41.8	<0.01
2200x8250	0.01	1.80	14.3	1210	14.1	24.2	<0.001	0.134	0.25	6.4	1.3	0.5	67.2	0.01
2200x8350	<0.01	2.12	8.4	1310	8.0	11.6	<0.001	0.017	0.43	3.3	<0.2	0.6	17.4	0.01
2200x8450	<0.01	1.45	6.6	491	8.6	8.3	<0.001	0.009	0.41	2.3	<0.2	0.4	15.1	<0.01
2300x8050	0.01	1.22	10.3	661	19.3	14.7	<0.001	0.066	0.28	3.4	0.2	0.7	117	<0.01
2300x8150	<0.01	2.12	11.2	1260	7.7	11.0	<0.001	0.016	0.40	3.5	<0.2	0.6	17.9	<0.01
2300x8250	<0.01	1.73	8.7	708	12.9	10.9	<0.001	0.009	0.31	2.7	<0.2	0.5	15.1	<0.01
2300x8350	<0.01	1.72	6.0	426	11.1	7.9	<0.001	0.011	0.28	2.0	<0.2	0.5	16.0	<0.01
2300x8450	<0.01	1.89	7.2	739	8.1	7.0	<0.001	0.009	0.34	2.5	<0.2	0.5	14.7	<0.01
2400x8050	0.01	1.36	12.9	604	14.0	21.1	<0.001	0.047	0.27	6.1	0.4	0.7	88.2	<0.01
2400x8150	<0.01	2.13	12.2	2740	10.3	12.3	<0.001	0.016	0.31	4.1	<0.2	0.7	17.7	<0.01
2400x8250	<0.01	1.69	5.5	1610	9.3	8.3	<0.001	0.015	0.28	2.7	<0.2	0.6	12.3	<0.01
2400x8350	<0.01	1.12	3.7	715	15.3	10.8	<0.001	0.009	0.37	1.7	<0.2	0.5	7.9	<0.01
2400x8450	<0.01	1.70	8.8	802	13.9	11.2	<0.001	0.008	0.44	2.5	<0.2	0.5	10.1	<0.01
2400x8500	0.07	0.35	39.2	597	17.3	9.3	0.355	1.35	14.1	5.1	2.8	12.3	117	<0.01
2500x8050	0.01	1.24	7.6	518	15.1	10.9	<0.001	0.020	0.27	3.4	0.2	0.5	43.9	<0.01
2500x8150	<0.01	1.96	7.2	1590	9.7	18.4	<0.001	0.018	0.24	3.0	<0.2	0.7	19.3	<0.01
2500x8250	<0.01	1.92	10.0	1670	9.9	12.6	<0.001	0.021	0.34	3.2	<0.2	0.6	13.5	<0.01
2500x8350	<0.01	1.87	9.6	1660	8.3	9.5	<0.001	0.014	0.46	3.5	0.2	0.6	18.4	<0.01
2500x8450	<0.01	1.98	7.2	685	11.7	12.2	<0.001	0.008	0.26	2.9	<0.2	0.6	12.6	<0.01
9200x2650	<0.01	1.36	2.3	357	7.9	7.6	<0.001	0.011	0.22	1.4	<0.2	0.6	7.3	0.02

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027
PROJECT NO: GEOBLA08

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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: Jul 21, 2011		DATE RECEIVED: Jul 20, 2011					DATE REPORTED: Sep 07, 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	
9200x2750	<0.01	1.90	2.8	447	8.6	11.1	<0.001	0.010	0.22	1.6	<0.2	0.7	10.0	<0.01	
9200x2850	<0.01	2.07	3.1	343	10.9	8.1	<0.001	0.009	0.20	1.8	<0.2	0.8	15.3	<0.01	
9200x2950	0.01	2.03	3.6	125	9.1	7.3	<0.001	<0.005	0.16	2.2	<0.2	0.6	17.9	<0.01	
9200x3050	0.01	1.56	5.4	431	8.6	5.6	<0.001	0.012	0.20	2.5	<0.2	0.5	16.2	<0.01	
9200x3150	0.01	1.83	8.6	215	10.1	22.3	<0.001	0.018	0.22	3.9	0.2	0.7	51.9	<0.01	
9200x3250	0.02	1.21	10.9	593	17.1	9.7	<0.001	0.049	0.28	3.4	0.5	0.6	76.5	<0.01	
9200x3350	<0.01	0.62	1.4	81	4.8	4.2	<0.001	<0.005	0.13	0.7	<0.2	0.6	5.7	<0.01	
9200x3450	<0.01	1.47	3.3	665	9.8	7.2	<0.001	0.010	0.23	1.8	<0.2	0.8	9.9	<0.01	
9200x3550	<0.01	1.89	4.4	1360	9.0	9.1	<0.001	0.013	0.19	2.2	<0.2	0.7	7.2	<0.01	
9300x2650	<0.01	2.69	3.8	1330	11.7	10.0	<0.001	0.017	0.31	2.2	0.2	0.6	7.7	0.02	
9300x2750	<0.01	2.69	2.6	471	13.7	6.7	<0.001	0.011	0.22	1.5	<0.2	0.8	9.0	<0.01	
9300x2850	0.01	1.59	3.0	159	11.6	14.0	<0.001	0.009	0.15	1.7	<0.2	0.5	16.0	<0.01	
9300x2950	<0.01	1.28	2.3	162	8.7	6.2	<0.001	0.008	0.17	1.4	<0.2	0.6	10.2	<0.01	
9300x3050	0.01	1.76	5.7	441	8.9	8.6	<0.001	0.009	0.24	2.7	<0.2	0.5	15.6	<0.01	
9300x3150	0.01	0.71	5.6	473	7.8	9.3	<0.001	0.037	0.16	2.0	0.2	0.4	38.9	<0.01	
9300x3250	0.01	2.11	5.3	186	7.2	8.0	<0.001	0.010	0.20	2.3	<0.2	0.6	18.3	<0.01	
9300x3350	0.01	1.74	3.7	203	10.7	14.2	<0.001	0.018	0.16	2.4	<0.2	0.6	38.9	<0.01	
9300x3400	0.08	0.50	19.0	459	2.5	4.2	0.001	0.059	0.38	5.4	0.4	0.4	42.2	<0.01	
9300x3450	<0.01	1.97	4.8	1480	8.2	9.2	<0.001	0.010	0.27	2.2	<0.2	0.5	9.8	0.03	
9300x3550	<0.01	2.60	5.0	2950	15.7	12.4	<0.001	0.023	0.28	2.8	0.2	0.7	16.7	0.02	
9400x2650	0.01	2.50	5.1	1370	8.2	8.0	<0.001	0.021	0.30	2.0	0.3	0.5	15.1	0.01	
9400x2750	0.01	2.19	4.1	1560	7.6	8.1	<0.001	0.024	0.21	2.0	0.3	0.5	7.8	0.03	
9400x2850	0.01	1.72	3.2	755	8.6	9.8	<0.001	0.017	0.24	1.3	<0.2	0.6	11.1	0.01	
9400x2950	<0.01	2.14	3.2	1300	23.0	7.5	<0.001	0.014	0.24	1.9	<0.2	0.7	12.6	<0.01	
9400x3050	0.01	1.92	3.8	420	8.7	10.1	<0.001	0.009	0.24	2.1	<0.2	0.7	13.1	<0.01	
9400x3150	0.01	2.44	4.1	558	6.9	8.6	<0.001	0.014	0.30	1.8	<0.2	0.5	14.4	<0.01	
9400x3250	0.01	1.82	2.2	157	8.1	9.2	<0.001	0.016	0.18	1.5	<0.2	0.5	27.3	<0.01	
9400x3350	0.01	2.36	2.7	342	8.1	5.9	<0.001	0.013	0.24	2.0	<0.2	0.8	15.3	<0.01	
9400x3450	0.02	0.33	2.6	829	1.5	1.7	<0.001	0.217	0.68	2.1	0.7	<0.2	207	0.03	
9400x3550	<0.01	1.57	3.2	137	4.4	6.8	<0.001	0.006	0.25	1.3	<0.2	0.9	8.2	<0.01	
9500x2650	<0.01	2.46	3.4	1690	10.9	8.4	<0.001	0.018	0.31	1.8	<0.2	0.5	11.3	0.02	
9500x2750	0.01	1.46	2.1	218	8.0	12.7	<0.001	0.010	0.19	1.3	<0.2	0.6	11.6	<0.01	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027
PROJECT NO: GEOBLA08

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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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: Jul 21, 2011		DATE RECEIVED: Jul 20, 2011					DATE REPORTED: Sep 07, 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	
9500x2850	0.01	2.38	2.9	242	8.4	10.3	<0.001	0.011	0.28	1.6	<0.2	0.6	11.8	<0.01	
9500x2950	0.02	1.15	8.3	583	10.6	15.1	<0.001	0.048	0.21	1.6	0.3	0.6	63.9	<0.01	
9500x3050	0.01	1.48	1.9	82	6.5	10.1	<0.001	0.005	0.20	1.1	<0.2	0.7	11.9	<0.01	
9500x3150	0.02	1.81	7.7	498	8.5	15.4	<0.001	0.044	0.28	3.8	0.3	0.7	61.1	<0.01	
9500x3250	0.01	1.10	2.8	273	9.3	8.5	<0.001	0.021	0.14	1.7	<0.2	0.6	26.9	<0.01	
9500x3350	0.01	0.86	1.7	202	11.5	10.8	<0.001	0.017	0.14	1.0	<0.2	0.6	23.7	<0.01	
9500x3450	0.01	1.06	2.8	224	10.1	7.5	<0.001	0.019	0.14	1.2	<0.2	0.6	15.3	<0.01	
9500x3550	0.01	2.81	8.4	781	7.6	6.6	<0.001	0.055	0.36	4.8	0.6	0.5	36.7	<0.01	
9600x2650	<0.01	2.16	3.7	816	9.6	9.4	<0.001	0.013	0.26	2.2	<0.2	0.7	14.5	<0.01	
9600x2750	<0.01	2.24	3.6	1980	11.6	12.0	<0.001	0.027	0.27	1.9	<0.2	0.6	13.5	<0.01	
9600x2800	0.09	0.24	39.7	702	17.6	10.9	0.368	1.51	13.7	5.5	2.9	13.3	141	<0.01	
9600x2850	0.01	0.34	1.2	139	4.6	5.3	0.001	0.008	0.12	0.3	<0.2	0.5	11.8	<0.01	
9600x2950	0.01	1.87	2.2	136	7.0	8.3	<0.001	0.008	0.22	1.4	<0.2	0.7	12.3	<0.01	
9600x3050	0.02	1.69	4.6	564	10.8	5.8	<0.001	0.008	0.25	2.2	<0.2	0.4	23.1	<0.01	
9600x3150	0.01	1.98	4.7	539	7.2	6.3	<0.001	0.017	0.24	2.0	<0.2	0.4	18.0	<0.01	
9600x3250	0.01	1.21	8.8	699	13.2	15.2	<0.001	0.046	0.16	3.0	0.3	0.6	38.7	<0.01	
9600x3350	0.02	0.95	9.7	706	11.9	14.5	<0.001	0.052	0.18	3.5	0.3	0.7	44.6	<0.01	
9600x3450	0.02	1.06	10.6	1030	9.9	16.1	<0.001	0.084	0.23	3.5	0.4	0.7	50.4	<0.01	
9600x3550	0.01	0.78	1.6	127	6.3	7.8	<0.001	0.006	0.18	0.9	<0.2	0.6	10.0	<0.01	
9700x2650	0.01	1.89	3.3	168	6.2	7.1	<0.001	0.007	0.27	1.5	<0.2	0.8	11.0	<0.01	
9700x2750	0.02	2.00	10.6	461	21.8	12.7	<0.001	0.028	0.28	3.5	0.3	0.7	65.7	<0.01	
9700x2850	0.01	0.65	4.3	630	8.1	9.1	<0.001	0.019	0.21	1.3	<0.2	0.5	19.7	<0.01	
9700x2950	0.01	0.94	2.9	198	10.2	9.0	<0.001	0.011	0.14	1.4	<0.2	0.4	19.4	<0.01	
9700x3050	0.01	1.42	3.8	207	8.9	10.3	<0.001	0.015	0.15	1.8	<0.2	0.6	22.2	<0.01	
9700x3150	0.01	1.30	7.9	252	8.5	17.2	<0.001	0.017	0.24	2.9	<0.2	0.7	22.4	<0.01	
9700x3250	<0.01	2.48	6.8	354	10.0	9.1	<0.001	0.011	0.30	3.2	0.2	0.7	16.2	<0.01	
9700x3350	0.02	2.18	8.9	623	11.1	10.5	<0.001	0.013	0.43	4.4	0.3	0.6	35.1	<0.01	
9700x3450	0.01	2.60	6.9	308	8.3	7.1	<0.001	0.013	0.30	3.2	0.2	0.5	16.8	0.03	
9700x3550	<0.01	1.19	2.1	128	6.2	3.0	<0.001	0.007	0.18	1.2	<0.2	0.6	10.5	<0.01	
9800x2650	<0.01	1.48	1.8	252	9.6	7.9	<0.001	0.011	0.14	1.3	<0.2	0.6	10.1	<0.01	
9800x2750	<0.01	2.49	3.2	262	9.5	12.3	<0.001	0.006	0.23	1.8	<0.2	0.7	9.6	<0.01	
9800x2850	<0.01	1.38	3.0	151	11.4	14.0	<0.001	0.011	0.17	1.7	<0.2	0.5	23.1	<0.01	

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
9800x2950	<0.01	2.00	2.7	305	8.6	8.0	<0.001	0.017	0.17	1.6	<0.2	0.5	9.5	<0.01
9800x3050	0.01	1.47	4.9	220	10.8	12.6	<0.001	0.013	0.22	2.0	<0.2	0.6	19.7	<0.01
9800x3150	<0.01	1.49	2.5	210	8.7	10.0	<0.001	0.008	0.17	1.3	<0.2	0.6	10.9	<0.01
9800x3200	0.06	0.51	17.7	412	2.4	3.8	0.001	0.052	0.33	4.8	0.3	0.4	34.8	<0.01
9800x3250	0.01	2.72	8.6	427	7.8	7.5	<0.001	0.017	0.26	3.2	0.2	0.5	15.8	0.01
9800x3350	<0.01	1.07	4.1	103	5.6	7.3	<0.001	0.006	0.26	1.2	<0.2	0.8	6.6	<0.01
9800x3450	0.01	1.38	2.5	104	6.4	10.4	<0.001	0.006	0.24	1.3	<0.2	0.7	11.3	<0.01
9800x3550	<0.01	1.88	3.5	284	7.4	7.2	<0.001	0.014	0.28	1.8	<0.2	0.7	11.2	<0.01
9900x2650	<0.01	2.57	5.2	462	10.6	7.4	<0.001	0.010	0.36	2.3	<0.2	0.7	14.6	<0.01
9900x2750	<0.01	2.12	3.1	162	12.6	10.3	<0.001	<0.005	0.13	1.8	<0.2	0.6	14.9	<0.01
9900x2850	<0.01	1.64	3.0	202	11.0	12.6	<0.001	0.008	0.15	1.6	<0.2	0.6	11.3	<0.01
9900x2950	0.01	1.87	18.3	434	8.9	25.5	<0.001	0.020	0.31	2.6	<0.2	0.9	16.8	<0.01
9900x3050	<0.01	2.14	3.7	1030	8.9	13.0	<0.001	0.015	0.21	2.9	<0.2	0.7	10.4	<0.01
9900x3150	<0.01	2.35	5.3	598	9.6	12.9	<0.001	0.012	0.32	2.3	<0.2	0.6	8.1	0.03
9900x3250	<0.01	2.49	5.6	447	28.7	13.6	<0.001	0.019	0.37	3.1	0.2	0.7	11.2	0.01
9900x3350	<0.01	2.93	3.2	206	16.2	8.0	<0.001	0.007	0.26	2.0	<0.2	1.0	12.3	<0.01
9900x3450	<0.01	2.54	3.7	433	7.7	7.7	<0.001	0.008	0.29	1.8	<0.2	0.7	11.2	<0.01
9900x3550	<0.01	1.21	2.7	98	4.6	3.7	<0.001	0.006	0.24	1.2	<0.2	0.7	8.4	<0.01
0000x2650	<0.01	2.41	2.1	305	12.1	4.3	<0.001	0.005	0.22	1.4	<0.2	0.8	10.2	<0.01
0000x2750	0.01	2.63	6.4	817	11.3	8.3	<0.001	0.011	0.28	2.6	<0.2	0.6	14.8	0.03
0000x2850	0.01	1.67	2.6	130	10.2	11.7	<0.001	0.008	0.14	1.5	<0.2	0.6	13.8	<0.01
0000x2950	<0.01	2.27	2.1	187	13.1	8.5	<0.001	0.008	0.13	1.6	<0.2	0.7	12.4	<0.01
0000x3050	<0.01	2.39	4.4	795	9.7	11.8	<0.001	0.013	0.33	1.9	<0.2	0.6	8.8	0.02
0000x3150	0.01	2.73	8.1	650	17.0	21.3	<0.001	0.029	0.30	3.8	<0.2	1.1	17.2	<0.01
0000x3250	<0.01	1.40	3.5	472	10.2	8.4	<0.001	0.011	0.10	2.0	<0.2	0.9	11.6	<0.01
0000x3350	0.01	2.35	4.9	593	16.8	8.6	<0.001	0.024	0.33	2.4	0.3	0.5	11.3	0.03
0000x3450	<0.01	0.75	1.6	105	7.5	4.4	<0.001	0.007	0.14	0.7	<0.2	0.5	8.1	<0.01
0000x3550	<0.01	1.18	1.6	236	4.8	6.5	<0.001	0.006	0.24	0.9	<0.2	0.6	7.5	<0.01
0000x3600	0.08	0.40	38.5	645	18.0	9.5	0.380	1.43	14.8	5.1	2.9	13.7	126	<0.01
0124x2669	0.01	1.43	6.4	361	8.7	10.1	0.003	0.027	0.40	2.9	0.3	0.6	29.6	<0.01
0100x2750	0.02	1.44	9.5	295	9.6	19.2	<0.001	0.025	0.37	5.7	0.3	0.6	41.2	<0.01
0100x2850	0.01	1.62	3.5	438	9.7	10.8	<0.001	0.008	0.23	1.7	<0.2	0.5	15.2	<0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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

DATE SAMPLED: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm
0100x2950		0.01	2.36	5.7	1430	13.6	12.8	<0.001	0.016	0.52	2.3	0.2	0.6	13.9	0.02
0100x3050		<0.01	1.52	3.2	645	8.7	10.1	<0.001	0.011	0.31	1.4	<0.2	0.7	11.5	<0.01
0100x3150		<0.01	1.40	2.6	597	9.8	17.9	<0.001	0.017	0.34	1.6	<0.2	0.7	11.2	<0.01
0100x3250		0.01	0.34	6.7	391	5.4	12.3	<0.001	0.015	0.22	0.3	<0.2	0.7	10.8	<0.01
0100x3350		0.01	0.37	2.8	214	5.2	8.3	<0.001	0.012	0.19	0.6	<0.2	0.8	11.1	<0.01
0100x3450		0.01	1.25	6.7	333	21.8	10.1	<0.001	0.017	0.34	3.1	<0.2	0.9	22.9	<0.01
0100x3550		<0.01	0.58	1.0	69	4.3	2.7	<0.001	<0.005	0.21	0.7	<0.2	0.6	8.4	<0.01
0200x2750		0.02	1.57	8.1	232	9.4	10.9	<0.001	0.009	0.46	3.4	<0.2	0.6	26.4	<0.01
0200x2850		0.01	2.14	4.5	831	10.4	10.1	<0.001	0.012	0.31	2.2	<0.2	0.5	14.0	0.02
0200x2950		<0.01	1.41	3.7	892	22.6	17.5	<0.001	0.010	0.83	1.9	<0.2	0.6	16.2	<0.01
0200x3050		0.01	1.51	4.5	602	10.6	9.5	<0.001	0.012	0.30	1.8	<0.2	0.5	11.1	0.01
0200x3150		<0.01	0.90	3.3	292	18.3	12.8	<0.001	0.014	0.53	1.0	<0.2	0.4	8.8	<0.01
0200x3250		0.01	0.33	3.7	356	13.7	10.2	<0.001	0.015	0.15	0.3	<0.2	0.7	8.4	<0.01
0200x3350		0.01	1.40	2.6	945	9.8	5.7	<0.001	0.011	0.15	1.7	<0.2	0.5	12.5	<0.01
0200x3450		0.01	3.08	2.9	2000	21.5	9.3	<0.001	0.023	0.31	2.6	<0.2	0.5	17.3	0.04
0200x3550		0.01	1.99	4.8	140	10.4	5.0	<0.001	0.016	0.30	2.1	<0.2	0.5	26.3	<0.01
0300x2850		0.01	1.76	7.1	487	47.6	25.2	<0.001	0.016	2.20	2.5	<0.2	0.7	27.7	<0.01
0300x2950		0.01	1.76	6.5	622	21.6	9.3	<0.001	0.011	0.57	2.0	0.2	0.5	13.2	<0.01
0300x3050		<0.01	1.27	5.4	475	8.4	18.5	<0.001	0.009	0.35	1.9	<0.2	0.6	15.2	<0.01
0300x3150		<0.01	2.63	4.2	1020	24.2	20.2	<0.001	0.018	0.31	2.9	0.2	0.9	12.6	<0.01
0300x3250		0.01	0.67	2.8	189	9.0	5.6	<0.001	0.010	0.24	0.8	<0.2	1.0	10.9	<0.01
0300x3300		0.08	0.67	17.9	452	2.5	4.0	0.001	0.055	0.38	4.9	0.3	0.4	41.2	<0.01
0300x3350		0.01	1.02	4.0	238	10.5	11.3	<0.001	0.011	0.24	1.2	<0.2	0.9	13.2	<0.01
0300x3450		0.01	1.49	2.6	478	9.7	8.8	<0.001	0.016	0.26	1.5	<0.2	0.7	12.3	<0.01
0300x3550		0.01	1.98	4.3	180	16.2	7.3	<0.001	0.019	0.31	2.7	<0.2	0.7	36.1	<0.01
0234x2726		0.01	1.10	4.6	397	8.0	7.0	<0.001	0.019	0.30	1.8	<0.2	0.4	12.9	<0.01
0260x2765		0.02	1.85	10.2	1090	17.7	13.6	0.003	0.188	1.15	4.8	1.9	0.5	128	0.02
70650x95250		0.01	0.76	7.9	676	39.8	34.5	<0.001	0.045	1.82	2.5	0.5	0.5	71.4	<0.01
70650x95300		<0.01	1.40	3.3	257	18.7	10.6	<0.001	0.010	0.29	1.2	<0.2	0.5	12.6	<0.01
70650x95350		<0.01	0.72	2.2	180	8.2	8.0	<0.001	0.009	0.21	0.8	<0.2	0.6	9.4	<0.01
70650x95400		0.01	0.71	2.7	190	5.8	12.0	<0.001	0.012	0.23	0.8	<0.2	0.6	12.0	<0.01
70650x95450		0.01	1.17	3.3	359	14.1	16.3	<0.001	0.027	0.41	1.9	0.3	0.5	51.7	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
70650x95500	0.01	0.74	4.4	464	22.3	42.1	<0.001	0.032	0.73	2.4	0.4	0.5	102	<0.01
70650x95550	0.01	1.09	4.6	328	20.7	28.3	<0.001	0.025	0.68	3.6	0.3	0.5	72.4	<0.01
70750x95250	<0.01	0.67	1.2	232	10.8	20.0	<0.001	0.016	0.37	0.7	<0.2	0.3	7.5	<0.01
70750x95300	<0.01	0.67	4.9	479	6.6	13.2	<0.001	0.018	1.09	0.9	<0.2	0.4	5.3	<0.01
70750x95350	<0.01	1.43	3.7	361	12.6	12.1	<0.001	0.014	0.36	1.2	<0.2	0.5	10.3	<0.01
70750x95400	<0.01	0.61	2.8	219	8.2	16.5	<0.001	0.011	0.27	0.7	<0.2	0.6	10.5	<0.01
70750x95450	0.01	2.03	3.4	841	11.7	11.4	<0.001	0.020	0.34	1.5	<0.2	0.7	14.4	<0.01
70750x95500	0.01	0.45	4.5	365	5.3	10.5	<0.001	0.031	0.22	0.4	<0.2	0.3	25.6	<0.01
70750x95550	<0.01	1.23	1.8	113	7.3	8.6	<0.001	0.005	0.25	0.9	<0.2	0.4	7.9	<0.01
70850x95300	0.01	0.91	4.5	280	35.1	12.1	<0.001	0.027	0.63	1.1	0.2	0.5	66.1	<0.01
70850x95350	0.01	0.69	3.3	157	11.6	11.3	<0.001	0.015	0.49	1.1	<0.2	0.3	36.5	<0.01
70850x95400	<0.01	0.79	4.1	185	7.3	9.5	<0.001	0.009	1.05	1.1	<0.2	0.6	10.6	<0.01
70850x95450	0.01	1.56	2.8	168	19.1	9.8	<0.001	0.009	0.22	1.4	<0.2	0.6	16.1	<0.01
70850x95500	0.01	1.00	2.8	202	14.4	15.5	<0.001	0.013	0.28	0.9	<0.2	0.4	14.4	<0.01
70850x95550	<0.01	2.15	2.5	413	16.1	11.8	<0.001	0.018	0.39	1.4	<0.2	0.4	11.3	0.01
70850x95600	0.09	0.29	42.9	693	16.4	8.7	0.343	1.51	15.4	4.5	2.5	12.5	142	<0.01
70950x95300	0.01	1.63	7.0	816	9.4	7.3	<0.001	0.024	0.33	1.7	<0.2	0.5	10.4	0.02
70950x95350	0.01	1.00	3.9	136	12.5	11.9	<0.001	0.011	0.39	1.3	<0.2	0.5	18.1	<0.01
70950x95400	<0.01	0.63	8.8	177	8.9	23.2	<0.001	0.013	0.60	0.6	<0.2	0.3	14.7	<0.01
70950x95450	<0.01	0.46	1.5	109	6.6	6.8	<0.001	0.008	0.40	0.4	<0.2	0.3	9.3	<0.01
70950x95500	0.01	1.14	10.1	663	24.2	49.5	<0.001	0.046	0.81	2.9	0.4	0.6	117	<0.01
70950x95550	0.01	0.17	3.4	317	4.4	9.2	<0.001	0.016	0.17	0.1	<0.2	0.4	8.6	<0.01
70950x95600	<0.01	1.25	3.4	574	21.9	14.5	<0.001	0.012	0.30	1.2	<0.2	0.4	9.6	<0.01
70950x95650	<0.01	1.09	2.3	319	7.5	8.6	<0.001	0.006	0.23	1.0	<0.2	0.6	8.9	<0.01
70950x95700	0.01	1.31	4.0	192	21.3	14.1	<0.001	0.014	0.36	1.8	<0.2	0.4	48.3	<0.01
70950x95750	0.01	1.08	3.8	105	5.0	12.5	<0.001	0.010	0.29	0.9	<0.2	0.4	12.5	<0.01
70950x95800	<0.01	0.70	1.9	119	5.2	9.4	<0.001	0.008	0.37	0.7	<0.2	0.4	9.5	<0.01
70950x95850	<0.01	0.20	3.4	177	4.8	7.1	<0.001	0.011	0.23	0.3	<0.2	0.4	11.5	<0.01
70950x95900	<0.01	2.27	1.8	3140	17.5	12.0	<0.001	0.025	0.26	1.7	<0.2	0.4	10.0	<0.01
70950x95950	<0.01	1.51	4.7	1120	10.6	19.5	<0.001	0.027	0.29	1.1	<0.2	0.4	12.4	<0.01
70950x96000	<0.01	0.63	6.3	2000	21.1	14.4	<0.001	0.074	0.54	1.6	0.4	0.3	10.0	<0.01
70950x96050	0.02	1.23	8.3	1350	24.2	14.8	0.001	0.439	1.95	2.9	1.0	0.3	77.8	0.01

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
71050x95350	0.01	1.80	2.5	1860	13.2	8.9	<0.001	0.017	0.35	1.4	<0.2	0.4	9.1	0.01
71050x95400	<0.01	0.32	1.1	126	2.6	6.2	<0.001	0.008	0.22	0.3	<0.2	0.3	6.1	<0.01
71050x95450	<0.01	0.74	1.6	182	6.7	8.2	<0.001	<0.005	0.33	0.6	<0.2	0.3	5.1	<0.01
71050x95500	0.01	0.75	5.3	234	8.3	12.5	<0.001	0.020	0.57	1.0	<0.2	0.4	31.4	<0.01
71050x95550	0.01	0.93	3.6	304	5.0	10.5	<0.001	0.012	0.24	1.0	<0.2	0.5	8.5	<0.01
71050x95600	0.01	0.56	0.9	116	5.8	8.4	<0.001	0.008	0.16	0.5	<0.2	0.5	8.5	<0.01
71050x95650	0.01	0.64	5.6	433	8.3	9.4	<0.001	0.009	0.37	1.2	<0.2	0.5	5.9	<0.01
71050x95675	0.08	0.55	18.0	436	2.4	3.8	0.001	0.056	0.37	4.5	0.3	0.4	39.7	<0.01
71050x95700	<0.01	1.55	1.9	1050	15.9	7.5	<0.001	0.015	0.27	0.9	<0.2	0.4	7.5	0.01
71050x95750	<0.01	1.79	3.7	338	20.8	10.4	<0.001	0.015	0.35	1.5	<0.2	0.7	17.4	<0.01
71050x95800	0.01	0.75	31.1	337	11.1	6.2	<0.001	0.016	0.72	3.2	0.4	0.4	24.6	<0.01
71050x95850	<0.01	1.46	3.2	817	14.0	10.4	<0.001	0.014	0.22	1.4	<0.2	0.4	8.0	0.02
71050x95900	<0.01	1.36	3.6	1440	12.5	10.0	<0.001	0.013	0.34	1.5	<0.2	0.3	7.9	0.02
71050x95950	<0.01	1.59	2.0	1410	12.2	11.6	<0.001	0.015	0.31	1.3	<0.2	0.4	8.0	0.02
71050x96000	<0.01	1.59	3.4	569	12.8	7.9	<0.001	0.011	0.35	1.5	<0.2	0.4	11.9	<0.01
71050x96050	0.01	1.70	3.1	1300	16.8	11.4	<0.001	0.017	0.32	1.9	<0.2	0.4	12.0	0.02
71150x95600	<0.01	0.95	3.3	200	8.0	7.6	<0.001	0.007	0.30	0.9	<0.2	0.5	8.5	<0.01
71150x95650	0.01	1.63	2.9	1230	20.0	15.8	<0.001	0.015	0.27	1.6	<0.2	0.4	9.6	0.02
71150x95700	<0.01	0.78	1.9	127	5.2	6.5	<0.001	<0.005	0.40	0.6	<0.2	0.4	6.1	<0.01
71250x94700	<0.01	1.68	3.0	2070	20.1	12.9	<0.001	0.012	0.24	1.7	<0.2	0.6	11.6	<0.01
71250x94750	<0.01	1.30	3.1	1800	23.0	12.8	<0.001	0.010	0.21	1.3	<0.2	0.5	10.8	<0.01
71250x94800	0.01	0.77	4.2	177	19.7	9.9	<0.001	0.008	0.17	0.8	<0.2	0.5	11.7	<0.01
71250x95650	0.01	0.86	2.2	135	6.2	5.3	<0.001	0.007	0.29	0.7	<0.2	0.5	8.3	<0.01
71250x95700	<0.01	1.51	3.3	865	8.9	8.5	<0.001	0.011	0.24	1.4	<0.2	0.5	11.3	<0.01
71250x95750	<0.01	1.51	1.8	999	16.6	7.4	<0.001	0.011	0.25	1.1	<0.2	0.5	9.4	0.02
71350x94550	<0.01	1.87	8.0	748	184	20.8	<0.001	0.051	0.67	2.3	0.4	0.7	13.8	<0.01
71350x94600	0.01	0.68	4.1	211	17.7	24.6	<0.001	0.017	0.49	1.0	<0.2	0.5	22.2	<0.01
71350x94650	<0.01	1.21	3.1	1800	12.6	5.8	<0.001	0.012	0.25	1.3	<0.2	0.7	19.7	<0.01
71350x94700	<0.01	2.16	2.0	993	20.3	13.3	<0.001	0.013	0.23	1.8	<0.2	0.7	16.3	<0.01
71350x94750	<0.01	1.57	2.7	1690	19.6	17.0	<0.001	0.012	0.23	1.8	<0.2	0.6	16.4	<0.01
71350x94800	0.01	2.38	4.3	986	33.9	14.4	<0.001	0.012	0.31	2.4	<0.2	0.6	16.7	<0.01
71350x95750	0.01	1.87	3.4	935	10.8	9.8	<0.001	0.012	0.50	1.8	<0.2	0.5	14.0	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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	
71350x95800		0.01	1.49	3.2	509	10.0	10.5	<0.001	0.011	0.25	2.1	<0.2	0.6	12.1	<0.01
71350x95850		0.09	0.33	43.7	708	17.1	10.0	0.385	1.49	16.3	5.1	2.9	13.4	141	<0.01
71450x94550		<0.01	1.89	3.7	873	13.8	9.3	0.003	0.016	0.53	2.1	<0.2	0.8	14.9	<0.01
71450x94600		0.01	0.72	6.5	349	17.2	8.3	<0.001	0.031	0.28	0.9	<0.2	0.7	30.7	<0.01
71450x94650		0.01	0.55	2.5	198	7.3	11.6	<0.001	0.015	0.23	0.7	<0.2	0.4	18.0	<0.01
71450x94700		<0.01	0.57	6.1	220	16.8	14.4	<0.001	0.018	0.29	0.9	<0.2	0.3	37.9	<0.01
71450x94750		0.02	1.85	15.6	976	39.7	7.8	<0.001	0.056	0.55	14.7	1.1	0.6	30.6	<0.01
71450x94800		0.01	1.28	4.7	259	8.8	11.1	<0.001	0.010	0.30	2.0	<0.2	0.5	14.6	<0.01
71450x95700		0.01	1.54	7.5	1320	15.9	10.7	<0.001	0.012	0.35	2.5	<0.2	0.5	20.0	<0.01
71450x95750		0.01	1.91	6.5	2030	13.9	9.8	<0.001	0.013	0.29	2.8	<0.2	0.5	16.0	<0.01
71450x95800		<0.01	1.92	2.6	2920	12.2	7.7	<0.001	0.019	0.22	2.1	<0.2	0.5	10.7	0.01
71550x94650		<0.01	1.78	2.9	967	12.8	8.6	<0.001	0.018	0.26	1.9	<0.2	0.7	10.3	<0.01
71550x94700		0.01	1.17	5.6	285	7.9	8.1	<0.001	0.014	0.37	1.4	<0.2	0.8	16.9	<0.01
71550x94750		0.01	1.41	5.6	347	34.8	30.8	<0.001	0.042	1.15	4.0	1.1	0.4	143	0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
7200x5050	0.01	1.7	0.147	0.05	0.70	50.8	0.09	5.77	21.7	2.4
7200x5150	<0.01	1.7	0.153	0.04	0.68	51.2	0.09	5.48	22.5	2.4
7200x5250	<0.01	1.0	0.121	0.07	2.19	44.6	0.08	5.21	36.8	1.3
7200x5350	<0.01	1.5	0.122	0.05	3.05	50.9	0.09	5.96	21.3	1.8
7200x5450	<0.01	2.0	0.148	0.05	1.80	42.4	0.10	6.36	20.8	2.1
7200x5550	0.01	2.6	0.121	0.07	0.62	57.1	0.10	3.24	57.5	5.0
7200x5650	<0.01	0.7	0.128	0.06	1.05	47.8	0.08	5.57	23.9	1.3
7200x5750	<0.01	1.8	0.157	0.07	0.73	52.6	0.06	3.27	38.8	2.4
7200x5850	<0.01	1.9	0.108	0.07	21.5	42.9	0.14	8.98	48.8	6.1
7300x5050	0.01	1.7	0.152	0.08	0.67	57.0	0.12	5.86	36.0	2.3
7300x5150	<0.01	1.6	0.131	0.08	0.61	37.4	0.05	3.01	31.8	2.2
7300x5250	<0.01	2.0	0.156	0.06	0.58	47.5	0.07	4.98	32.4	3.4
7300x5350	<0.01	0.7	0.088	0.06	0.67	35.3	0.07	3.68	26.5	1.0
7300x5450	<0.01	2.8	0.156	0.07	0.64	66.3	0.07	5.01	38.8	7.0
7300x5550	<0.01	2.7	0.136	0.06	0.68	59.5	0.08	4.19	37.8	3.6
7300x5600	0.02	1.2	0.154	0.06	0.36	59.8	22.4	8.09	37.5	7.7
7300x5650	<0.01	1.9	0.123	0.06	0.62	52.9	0.18	5.19	48.2	3.3
7300x5750	0.01	2.0	0.116	0.09	0.58	59.8	0.13	2.98	58.3	1.4
7300x5850	<0.01	3.0	0.148	0.07	0.81	48.0	0.07	4.93	21.5	6.8
7400x5050	<0.01	0.6	0.156	0.17	1.45	64.9	0.09	7.84	60.3	2.0
7400x5150	0.02	2.7	0.141	0.13	0.94	91.2	0.14	5.57	62.3	5.2
7400x5250	0.01	3.4	0.150	0.08	0.92	69.5	0.14	4.95	42.6	5.0
7400x5350	<0.01	2.4	0.149	0.08	0.65	54.6	0.09	3.97	37.7	3.8
7400x5450	<0.01	1.3	0.099	0.10	0.79	42.9	0.10	4.25	59.7	0.9
7400x5550	<0.01	1.4	0.112	0.06	0.65	47.6	0.12	3.57	43.7	1.4
7400x5650	<0.01	0.7	0.101	0.08	0.48	38.7	<0.05	2.54	28.6	1.2
7400x5750	<0.01	1.4	0.136	0.07	1.67	43.0	0.06	7.35	37.3	1.8
7400x5850	0.03	0.9	0.010	1.54	137	140	0.97	13.5	13.5	8.2
7500x5050	<0.01	1.1	0.094	0.10	0.70	45.5	<0.05	3.54	21.2	1.0
7500x5150	<0.01	2.4	0.148	0.06	0.57	69.8	0.09	3.76	24.5	4.6
7500x5250	<0.01	1.4	0.185	0.08	0.56	46.9	0.05	3.88	23.7	3.3
7500x5350	0.01	2.4	0.165	0.10	0.70	91.5	0.09	4.05	45.1	5.1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
7500x5450	<0.01	1.7	0.142	0.09	0.65	53.1	0.09	3.83	41.9	2.4
7500x5550	<0.01	1.6	0.151	0.07	0.97	41.9	0.06	4.47	22.7	2.0
7500x5650	0.01	1.3	0.086	0.08	0.71	54.3	0.14	6.79	35.1	0.8
7500x5750	<0.01	1.3	0.141	0.06	0.87	39.6	0.07	5.26	37.2	1.7
7500x5850	<0.01	1.3	0.161	0.10	1.63	59.3	0.08	7.99	51.0	1.6
7600x5050	0.01	7.6	0.153	0.10	1.35	72.0	0.16	4.44	49.3	4.2
7600x5150	<0.01	3.6	0.172	0.09	0.65	69.3	0.09	4.55	60.3	6.8
7600x5250	<0.01	0.5	0.112	0.06	8.31	45.2	0.10	18.5	41.7	1.7
7600x5350	<0.01	1.8	0.163	0.09	0.40	63.2	0.06	2.29	38.5	3.4
7600x5450	<0.01	2.4	0.152	0.07	0.72	47.3	<0.05	4.33	34.3	3.3
7600x5550	0.01	2.3	0.127	0.09	0.67	56.1	0.10	3.52	50.0	2.9
7600x5650	0.01	2.5	0.099	0.09	0.57	43.6	0.13	3.35	35.6	1.3
7600x5750	0.01	0.5	0.120	0.08	1.85	45.2	0.13	5.90	42.3	<0.5
7600x5850	0.02	1.1	0.096	0.19	4.25	111	0.19	19.4	74.2	<0.5
7700x5050	0.01	1.1	0.140	0.05	1.86	53.8	0.12	5.71	29.7	<0.5
7700x5150	0.01	2.5	0.159	0.07	0.63	58.4	0.19	4.13	41.1	5.1
7700x5250	0.01	1.0	0.117	0.05	1.39	40.5	0.11	7.75	22.3	<0.5
7700x5300	0.40	1.5	0.082	0.14	0.44	64.5	14.4	7.74	84.6	5.8
7700x5350	0.01	1.7	0.151	0.05	1.38	38.4	0.11	5.22	23.9	0.6
7700x5450	0.03	2.4	0.220	0.11	0.55	78.4	0.20	5.23	91.9	6.0
7700x5550	0.02	2.4	0.199	0.10	0.52	71.8	0.18	4.43	63.8	4.8
7700x5650	0.01	0.4	0.079	0.18	1.69	82.0	0.13	6.36	59.6	<0.5
7700x5750	0.01	2.6	0.102	0.07	0.61	45.1	0.15	2.89	27.0	1.5
7700x5850	<0.01	1.2	0.115	0.08	1.20	46.9	0.11	6.30	25.1	<0.5
7800x5050	0.01	0.5	0.098	0.09	2.04	35.9	0.09	12.8	30.5	<0.5
7800x5150	0.03	0.5	0.106	0.19	2.35	104	0.27	13.4	93.8	<0.5
7800x5250	0.02	2.6	0.176	0.07	0.66	62.5	0.12	3.78	35.0	6.0
7800x5350	0.01	2.2	0.140	0.08	1.93	59.7	0.12	7.47	37.5	<0.5
7800x5450	0.01	0.6	0.103	0.08	1.73	39.1	0.09	3.34	56.8	0.5
7800x5550	<0.01	0.8	0.153	0.10	0.41	31.5	0.07	2.35	23.7	<0.5
7800x5650	0.01	2.6	0.130	0.04	0.56	62.1	0.13	4.52	22.2	5.0
7800x5750	<0.01	0.8	0.103	0.10	1.38	45.5	0.09	8.00	38.8	<0.5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
7800x5850	0.01	2.3	0.115	0.06	0.59	49.9	0.15	2.71	39.7	1.8
7900x5050	0.02	2.8	0.154	0.09	0.69	69.0	0.17	3.87	76.1	4.8
7900x5150	0.03	1.2	0.066	0.22	2.67	129	0.20	12.3	90.7	1.0
7900x5250	0.03	0.5	0.061	0.16	2.31	96.3	0.22	15.6	67.2	<0.5
7900x5350	0.02	2.5	0.135	0.07	0.64	86.3	0.21	3.92	40.4	5.4
7900x5450	<0.01	1.7	0.134	0.04	1.16	38.5	0.10	4.68	22.1	2.3
7900x5550	0.01	0.4	0.087	0.09	5.95	33.6	0.12	9.03	60.9	0.5
7900x5650	0.02	2.5	0.142	0.06	0.62	62.6	0.15	3.87	35.4	5.0
7900x5750	0.01	1.2	0.113	0.06	2.32	50.3	0.11	9.08	42.7	<0.5
7900x5850	0.01	1.9	0.116	0.08	0.48	44.8	0.13	2.34	30.5	0.7
7900x5900	0.02	1.1	0.151	0.06	0.35	56.8	21.5	8.33	36.2	7.6
8000x5050	<0.01	1.6	0.141	0.09	1.01	49.8	0.07	5.17	35.2	1.8
8000x5150	<0.01	0.4	0.140	0.07	0.51	34.9	<0.05	2.80	24.6	1.6
8000x5250	0.01	1.5	0.200	0.11	0.73	58.3	0.15	4.36	25.7	3.6
8000x5350	<0.01	3.0	0.150	0.15	0.58	74.5	0.13	2.94	44.2	4.4
8000x5450	<0.01	1.5	0.151	0.06	0.52	68.2	0.12	3.14	25.0	2.3
8000x5550	<0.01	1.2	0.136	0.06	0.48	40.3	0.07	2.94	33.2	1.9
8000x5650	<0.01	1.0	0.138	0.07	0.97	41.9	0.09	4.22	40.5	2.7
8000x5750	<0.01	1.2	0.100	0.08	0.46	44.4	0.08	1.87	23.1	1.1
8000x5850	<0.01	1.5	0.084	0.07	0.54	31.9	0.06	2.07	36.6	1.8
8100x5050	<0.01	0.7	0.102	0.07	0.48	31.2	0.06	2.90	20.6	1.1
8100x5150	<0.01	0.7	0.110	0.07	0.68	43.3	0.09	4.52	58.0	1.2
8100x5250	<0.01	0.9	0.144	0.07	0.53	49.9	0.08	3.22	21.9	2.0
8100x5350	<0.01	1.7	0.170	0.08	0.47	67.5	0.07	2.59	37.9	3.4
8100x5450	<0.01	1.7	0.144	0.08	0.45	67.0	0.09	2.34	34.3	2.7
8100x5550	<0.01	1.5	0.144	0.08	0.42	38.8	<0.05	2.28	25.8	1.8
8100x5650	<0.01	1.1	0.097	0.06	0.72	25.2	0.07	3.46	31.2	1.1
8100x5750	0.01	2.4	0.144	0.07	0.48	72.3	0.13	2.69	20.9	3.9
8100x5850	<0.01	1.3	0.113	0.06	1.23	35.4	0.07	6.13	24.6	1.9
8200x5050	0.01	1.2	0.150	0.07	0.57	67.1	0.14	2.70	38.6	2.0
8200x5150	<0.01	1.6	0.169	0.06	0.48	78.7	0.09	2.50	29.1	2.9
8200x5250	<0.01	1.4	0.145	0.07	0.51	62.3	0.10	2.66	33.9	1.8

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
8200x5350	<0.01	2.6	0.150	0.06	0.74	67.2	0.11	4.80	42.7	5.9
8200x5450	<0.01	2.6	0.162	0.05	0.73	68.0	0.10	5.05	39.2	6.4
8200x5550	<0.01	1.2	0.116	0.07	0.63	29.9	<0.05	2.75	20.2	1.3
8200x5600	0.41	1.5	0.075	0.14	0.43	65.3	15.2	8.40	92.2	5.4
8200x5650	0.01	2.1	0.157	0.10	0.52	70.1	0.10	3.27	82.5	3.0
8200x5750	0.02	1.2	0.062	0.14	12.5	53.1	0.13	44.3	72.1	1.6
8200x5850	0.01	1.5	0.083	0.12	7.89	58.9	0.09	28.2	69.2	1.7
8300x5050	<0.01	1.1	0.109	0.07	0.57	38.9	<0.05	3.31	17.1	1.4
8300x5150	<0.01	1.8	0.119	0.05	0.49	58.3	0.10	2.71	51.8	2.6
8300x5250	<0.01	0.7	0.110	0.06	0.34	42.2	<0.05	1.79	16.5	0.9
8300x5350	<0.01	1.5	0.140	0.07	0.41	48.1	0.06	2.17	28.1	2.2
8300x5450	<0.01	1.7	0.106	0.10	0.49	56.5	0.10	2.19	42.2	1.3
8300x5550	<0.01	2.2	0.144	0.08	0.57	68.8	0.14	2.88	39.0	3.3
8300x5650	<0.01	2.3	0.128	0.11	0.60	54.3	0.05	2.33	19.9	2.6
8300x5750	<0.01	0.5	0.051	0.10	3.80	35.1	0.09	17.5	53.2	0.9
8300x5850	0.02	0.5	0.029	0.13	22.6	49.2	0.19	77.3	56.3	3.5
9200x3850	<0.01	1.6	0.119	0.06	0.93	69.7	0.13	3.43	47.4	1.8
9200x3950	<0.01	0.6	0.080	0.04	0.68	40.2	0.09	2.81	44.4	0.9
9200x4050	<0.01	3.1	0.111	0.08	0.94	45.2	0.13	3.52	83.0	1.8
9200x4150	<0.01	1.8	0.126	0.06	0.56	50.6	0.10	2.88	58.4	2.4
9200x4250	0.01	1.6	0.134	0.08	1.28	65.4	0.16	4.33	77.9	2.1
9200x4350	<0.01	2.4	0.126	0.08	0.71	62.7	0.11	2.68	42.5	3.2
9200x4450	<0.01	0.5	0.064	0.14	0.80	24.6	0.06	1.71	21.7	0.6
9200x4550	0.01	0.4	0.024	0.16	29.8	42.4	0.17	80.4	47.5	2.7
9200x4650	<0.01	1.1	0.141	0.07	0.77	46.5	<0.05	2.33	22.3	2.0
9200x4750	<0.01	2.1	0.140	0.08	0.60	56.9	0.11	2.04	31.5	2.4
9200x4850	0.01	2.6	0.123	0.08	0.81	55.1	0.14	3.61	37.9	3.1
9200x4950	0.01	2.9	0.130	0.08	0.85	57.9	0.11	4.22	37.1	5.4
9200x5000	0.02	1.2	0.149	0.06	0.35	57.7	22.2	8.65	41.3	8.8
9200x5050	<0.01	0.6	0.060	0.07	0.85	23.2	0.24	2.71	29.2	0.9
9200x5150	0.02	0.9	0.023	0.19	22.0	47.7	0.19	71.2	73.9	1.7
9200x5250	0.01	0.6	0.124	0.10	1.59	73.1	0.15	4.01	88.1	2.1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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CANADA L4Z 1N9
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
9200x5350	<0.01	<0.1	0.057	0.12	0.49	21.4	<0.05	1.80	22.8	<0.5
9300x3800	<0.01	1.4	0.120	0.16	1.12	58.5	0.09	4.06	82.8	0.6
9300x3850	0.01	2.9	0.138	0.05	0.81	70.1	0.14	4.20	36.9	5.6
9300x3950	0.01	2.8	0.062	0.16	0.88	39.2	0.11	2.98	51.7	1.2
9300x4050	0.02	3.1	0.144	0.08	0.96	72.0	1.08	5.12	75.0	3.9
9300x4150	<0.01	1.1	0.124	0.07	0.74	48.2	0.10	4.65	45.5	1.5
9300x4250	<0.01	2.1	0.158	0.10	0.62	54.2	0.08	2.79	42.2	3.8
9300x4350	<0.01	1.5	0.141	0.06	1.15	47.8	0.09	4.44	38.5	2.0
9300x4450	0.01	2.5	0.163	0.09	0.91	64.5	0.08	4.46	53.2	3.0
9300x4550	0.01	1.1	0.073	0.18	16.2	65.3	0.10	18.6	114	0.9
9300x4650	0.02	2.5	0.054	0.22	122	74.9	0.16	72.3	90.0	1.9
9300x4750	0.01	2.6	0.141	0.08	1.76	63.0	0.11	4.80	39.2	3.7
9300x4850	0.01	2.5	0.090	0.11	1.07	56.2	0.13	3.52	54.0	2.3
9300x4950	<0.01	1.6	0.120	0.08	1.97	35.9	0.07	5.55	78.1	2.1
9300x5050	0.01	1.3	0.053	0.13	28.9	39.1	0.11	94.3	46.1	0.6
9300x5150	<0.01	2.8	0.113	0.11	1.11	45.0	0.11	3.44	41.2	3.8
9300x5250	0.01	1.2	0.094	0.11	11.4	58.3	0.14	32.6	50.9	1.1
9300x5350	<0.01	1.1	0.131	0.07	1.25	35.8	0.06	5.00	21.3	1.7
9300x5450	<0.01	0.6	0.111	0.08	0.67	37.2	0.08	4.07	31.2	1.2
9400x3850	0.02	1.9	0.077	0.34	4.07	73.1	0.15	10.6	158	0.8
9400x3950	0.03	2.8	0.066	0.16	0.89	49.9	0.26	2.98	138	1.4
9400x4000	0.02	1.2	0.149	0.06	0.38	58.2	23.5	9.03	46.1	8.7
9400x4050	0.02	1.9	0.105	0.09	0.73	53.9	0.36	3.17	143	2.2
9400x4150	0.01	3.0	0.119	0.08	0.76	65.7	0.17	3.15	55.8	4.3
9400x4250	0.01	2.3	0.166	0.07	0.73	71.6	0.10	4.21	66.8	3.5
9400x4350	0.01	1.1	0.076	0.13	9.55	66.1	0.12	26.3	73.3	0.9
9400x4450	0.01	3.2	0.141	0.13	1.15	93.2	0.16	4.45	85.5	2.7
9400x4550	<0.01	1.9	0.133	0.10	19.5	50.3	0.11	18.8	58.1	2.9
9400x4650	<0.01	1.2	0.114	0.08	0.78	50.0	0.10	3.06	41.9	1.3
9400x4750	0.01	1.6	0.119	0.08	1.90	59.1	0.12	3.87	57.5	1.2
9400x4850	<0.01	1.8	0.119	0.12	11.5	56.5	0.13	14.2	45.6	2.1
9400x4950	<0.01	1.1	0.113	0.06	2.10	56.1	0.13	7.59	36.0	1.4

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Te ppm 0.01	Th ppm 0.1	Ti % 0.005	Tl ppm 0.02	U ppm 0.05	V ppm 0.5	W ppm 0.05	Y ppm 0.05	Zn ppm 0.5	Zr ppm 0.5
9400x5050		<0.01	2.0	0.119	0.08	0.75	59.8	0.10	2.96	39.7	2.0
9400x5150		0.01	4.2	0.005	0.40	39.9	35.4	0.11	136	72.4	2.0
9400x5250		0.01	0.7	0.054	0.16	12.6	67.4	0.12	34.3	75.8	<0.5
9400x5350		0.01	0.8	0.046	0.13	48.4	40.3	0.14	40.4	41.9	1.3
9400x5450		<0.01	0.9	0.057	0.10	12.0	35.4	0.13	16.2	77.9	3.1
9500x4050		0.01	3.2	0.164	0.09	0.94	58.4	0.14	4.49	47.6	7.2
9500x4150		<0.01	2.2	0.129	0.10	0.60	42.4	0.09	2.32	28.9	2.7
9500x4250		0.01	1.4	0.136	0.07	0.53	69.0	0.14	3.52	55.1	1.5
9500x4350		<0.01	2.6	0.175	0.08	0.90	55.3	0.14	4.61	43.0	4.5
9500x4450		<0.01	1.7	0.183	0.09	0.93	54.5	0.12	4.28	44.8	3.3
9500x4550		<0.01	3.0	0.162	0.07	1.82	43.3	0.09	6.90	21.1	3.8
9500x4650		0.01	3.5	0.107	0.23	4.56	69.3	0.09	10.7	70.4	3.6
9500x4750		<0.01	1.9	0.129	0.07	1.75	36.5	0.09	3.94	23.6	2.1
9500x4850		0.01	2.0	0.144	0.10	0.81	59.2	0.11	3.49	46.1	2.5
9500x4950		<0.01	1.7	0.144	0.09	0.79	52.7	0.08	3.57	41.5	1.9
9500x5050		0.01	1.9	0.071	0.25	1.38	40.7	0.15	4.26	65.7	1.0
9500x5100		0.39	1.6	0.084	0.16	0.45	69.9	14.2	9.02	89.2	6.7
9500x5150		0.01	1.5	0.131	0.12	0.77	58.4	0.20	3.28	48.4	2.1
9500x5250		<0.01	2.5	0.071	0.23	6.27	37.2	0.12	14.8	31.7	1.9
9500x5350		<0.01	1.7	0.136	0.13	2.53	58.5	0.09	5.75	44.5	2.3
9600x4050		<0.01	2.3	0.126	0.11	0.74	48.3	0.11	3.34	78.1	1.8
9600x4150		<0.01	2.3	0.104	0.12	0.72	49.8	0.15	3.10	60.6	3.2
9600x4250		0.01	2.4	0.133	0.15	0.92	51.8	0.29	3.49	63.8	1.5
9600x4350		<0.01	1.7	0.149	0.08	1.71	51.3	0.12	5.67	50.5	1.5
9600x4450		<0.01	1.2	0.218	0.17	0.67	64.9	0.12	5.21	39.0	1.9
9600x4550		0.01	2.4	0.151	0.10	0.85	56.8	0.16	3.66	70.8	3.2
9600x4650		<0.01	2.3	0.128	0.08	1.35	39.6	0.09	3.73	37.4	3.3
9600x4750		<0.01	1.9	0.123	0.08	0.67	46.8	0.10	2.93	35.0	2.7
9600x4850		<0.01	1.8	0.111	0.06	0.59	43.7	0.07	2.01	19.5	2.3
9600x4950		<0.01	1.6	0.116	0.06	0.69	52.2	0.13	2.58	41.6	1.6
9600x5050		<0.01	2.2	0.078	0.13	0.87	35.4	0.12	2.56	48.6	1.3
9600x5150		<0.01	1.1	0.038	0.10	1.75	32.0	0.13	3.20	56.5	0.6

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Te ppm 0.01	Th ppm 0.1	Ti % 0.005	Tl ppm 0.02	U ppm 0.05	V ppm 0.5	W ppm 0.05	Y ppm 0.05	Zn ppm 0.5	Zr ppm 0.5
9600x5250		<0.01	1.7	0.099	0.09	0.73	46.3	0.11	2.49	40.5	1.7
9600x5350		<0.01	0.9	0.068	0.13	0.55	25.9	0.06	1.61	18.5	0.7
9600x5450		<0.01	0.9	0.073	0.09	0.62	38.0	0.12	1.88	27.1	0.8
9700x4050		<0.01	1.0	0.054	0.07	1.88	36.4	0.16	14.9	48.6	0.8
9700x4150		<0.01	1.0	0.108	0.09	0.78	40.2	0.11	2.53	26.6	1.6
9700x4250		<0.01	2.9	0.115	0.08	0.80	69.3	0.17	3.69	64.6	6.1
9700x4350		<0.01	2.0	0.132	0.11	0.64	56.7	0.08	2.33	38.6	2.3
9700x4400		0.01	1.2	0.152	0.06	0.35	53.3	21.1	8.92	34.9	9.3
9700x4450		0.01	3.3	0.179	0.08	0.99	65.1	0.13	6.17	45.5	6.0
9700x4550		<0.01	1.8	0.106	0.09	0.72	56.9	0.30	2.51	57.0	2.0
9700x4650		0.01	1.9	0.113	0.09	1.17	51.1	0.17	3.73	45.2	1.5
9700x4750		<0.01	1.4	0.166	0.06	1.17	57.5	0.11	5.44	42.2	2.6
9700x4850		<0.01	1.0	0.029	0.25	1.79	22.3	0.18	2.26	56.0	0.6
9700x4950		<0.01	1.8	0.182	0.07	0.89	58.8	0.09	3.75	41.9	2.9
9700x5050		0.01	2.5	0.156	0.09	1.40	56.8	0.12	6.06	42.6	3.5
9700x5150		0.01	0.9	0.076	0.09	27.0	44.7	0.16	89.0	25.6	2.4
9700x5250		<0.01	1.8	0.139	0.08	1.05	57.3	0.09	3.50	40.5	2.8
9700x5350		<0.01	<0.1	0.009	0.15	0.70	17.7	0.08	1.89	30.9	<0.5
9700x5450		<0.01	1.0	0.049	0.10	0.67	24.8	0.10	1.80	26.2	0.6
9700x5550		<0.01	0.8	0.069	0.11	0.84	38.6	0.11	2.09	31.7	0.9
9700x5650		<0.01	0.6	0.093	0.07	0.87	45.8	0.11	4.26	38.6	1.6
9700x5750		<0.01	3.1	0.127	0.07	0.95	47.4	0.09	4.88	33.2	6.8
9800x4050		<0.01	0.5	0.103	0.05	0.64	35.6	0.13	2.45	19.2	1.3
9800x4150		<0.01	1.1	0.141	0.07	0.74	55.9	0.17	3.61	42.8	1.3
9800x4250		0.01	3.1	0.101	0.13	0.87	40.7	0.21	3.01	42.8	2.5
9800x4350		0.01	2.0	0.155	0.10	0.79	69.2	0.15	3.39	54.6	2.3
9800x4450		<0.01	0.6	0.090	0.11	1.72	49.8	0.11	7.13	57.0	0.8
9800x4550		0.01	1.4	0.143	0.10	0.87	62.5	0.14	3.73	62.8	1.1
9800x4650		<0.01	1.5	0.158	0.08	4.78	49.4	0.06	5.98	59.5	1.5
9800x4750		0.01	2.8	0.078	0.11	1.49	35.8	0.14	5.73	31.0	2.6
9800x4850		<0.01	1.5	0.088	0.15	1.10	44.5	0.12	3.39	47.0	1.0
9800x4950		<0.01	1.3	0.132	0.10	1.09	41.7	0.12	3.81	38.6	1.2

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	TI	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
9800x5000	0.40	1.6	0.082	0.15	0.48	67.6	14.7	8.31	87.0	6.3
9800x5050	0.01	2.0	0.126	0.08	1.30	53.1	0.27	5.44	33.4	2.0
9800x5150	<0.01	2.6	0.082	0.17	1.28	45.8	0.18	2.95	55.3	2.3
9800x5250	<0.01	1.3	0.118	0.09	1.85	41.9	0.13	5.80	35.9	0.8
9800x5350	0.01	0.2	0.029	0.16	1.41	24.2	0.15	4.52	31.3	<0.5
9800x5450	<0.01	1.3	0.092	0.14	0.68	39.3	0.06	1.84	25.1	1.4
9800x5550	0.01	1.7	0.139	0.08	1.11	65.7	0.16	3.42	59.5	1.9
9800x5650	<0.01	0.1	0.016	0.10	35.4	22.4	0.12	68.0	41.0	0.8
9800x5750	<0.01	2.8	0.097	0.10	0.86	51.7	0.13	3.59	41.6	3.7
9900x4050	<0.01	1.4	0.099	0.10	6.07	42.2	0.14	16.8	38.9	1.5
9900x4150	<0.01	2.3	0.150	0.08	0.90	54.7	0.14	3.71	53.5	2.6
9900x4250	<0.01	3.2	0.118	0.12	0.86	40.8	0.18	3.27	47.0	3.0
9900x4350	0.01	2.3	0.120	0.08	0.69	67.8	0.12	3.01	54.2	2.5
9900x4450	0.01	3.3	0.131	0.13	1.06	51.8	0.17	3.93	51.3	4.8
9900x4550	0.01	2.2	0.118	0.10	1.51	69.1	0.17	5.16	45.7	1.6
9900x4650	0.01	2.7	0.139	0.10	1.62	61.9	0.14	5.19	48.9	2.6
9900x4750	<0.01	2.9	0.130	0.14	1.27	46.6	0.15	4.40	45.2	2.6
9900x4850	<0.01	1.7	0.131	0.09	2.09	44.9	0.09	5.40	34.4	1.8
9900x4950	0.01	1.4	0.134	0.06	0.83	56.4	0.08	3.69	42.2	2.0
9900x5050	0.02	3.1	0.115	0.10	1.17	56.7	0.15	3.32	44.7	4.4
9900x5150	0.01	0.9	0.128	0.09	0.69	70.5	0.12	1.77	37.8	2.3
9900x5250	0.01	1.3	0.065	0.09	1.09	45.2	0.24	5.03	36.5	1.1
9900x5350	<0.01	0.9	0.096	0.08	0.74	39.2	0.10	2.17	22.4	1.4
9900x5450	<0.01	<0.1	<0.005	0.06	1.45	10.2	0.15	4.57	38.6	<0.5
9900x5550	<0.01	0.5	0.026	0.15	0.73	15.3	0.11	1.69	27.0	<0.5
9900x5600	0.01	1.2	0.144	0.06	0.36	53.7	22.7	8.62	36.3	9.0
9900x5650	<0.01	2.4	0.060	0.13	2.03	29.0	0.27	4.12	27.1	2.0
9900x5750	<0.01	1.6	0.020	0.68	105	42.1	0.14	74.0	75.8	6.1
0000x4050	<0.01	1.5	0.064	0.08	0.84	39.3	0.18	2.47	36.0	0.8
0000x4150	<0.01	1.9	0.111	0.07	1.40	48.9	0.14	3.38	72.6	1.8
0000x4250	<0.01	1.5	0.124	0.06	0.80	53.2	0.18	3.27	47.4	1.7
0000x4350	<0.01	1.0	0.093	0.11	0.73	30.8	0.09	2.57	43.2	0.9

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
0000x4450	<0.01	2.6	0.077	0.13	1.10	52.8	0.66	3.10	52.8	1.2
0000x4550	0.01	1.3	0.099	0.09	0.79	64.4	0.17	3.00	55.0	1.3
0000x4650	<0.01	2.7	0.133	0.11	1.33	56.8	0.14	5.01	46.7	2.7
0000x4750	<0.01	2.3	0.089	0.11	1.27	35.8	0.13	4.05	39.1	1.5
0000x4850	<0.01	1.3	0.106	0.08	1.23	42.4	0.10	4.36	28.6	1.4
0000x4950	0.01	1.3	0.085	0.09	0.81	40.8	0.11	2.77	30.7	1.4
0000x5050	<0.01	1.3	0.073	0.13	1.03	32.5	0.15	3.17	35.6	0.9
0000x5150	0.01	0.4	0.094	0.11	0.77	58.3	0.12	2.73	36.9	1.1
0000x5250	<0.01	0.9	0.092	0.10	0.80	49.0	0.11	2.46	38.2	1.1
0000x5350	<0.01	2.4	0.099	0.10	2.03	41.8	0.22	3.91	43.8	3.5
0000x5450	<0.01	0.9	0.059	0.13	0.87	23.1	0.07	2.24	18.9	0.7
0000x5550	<0.01	1.1	0.085	0.10	0.56	29.9	0.07	1.70	22.7	1.1
0000x5650	<0.01	0.3	0.076	0.09	0.38	54.3	<0.05	1.47	22.0	0.9
0000x5750	<0.01	1.6	0.075	0.12	0.71	31.9	0.09	2.64	38.3	1.2
0000x6750	<0.01	1.8	0.079	0.12	0.81	49.9	0.11	3.98	78.4	0.8
0000x6850	<0.01	0.6	0.074	0.10	0.73	54.8	0.18	1.84	54.1	0.6
0000x6950	<0.01	0.3	0.072	0.06	0.67	44.8	0.10	1.56	32.2	0.8
0000x7050	<0.01	<0.1	0.024	0.05	0.68	30.3	0.09	1.40	30.1	<0.5
0000x7100	0.65	1.5	0.167	0.45	0.58	117	18.2	11.6	168	6.0
0000x7150	0.01	0.1	0.070	0.07	0.73	51.2	0.29	2.46	39.7	1.0
0000x7250	<0.01	0.1	0.032	0.04	0.63	43.7	0.07	1.82	34.2	<0.5
0000x7350	<0.01	0.2	0.105	0.05	1.01	43.0	0.13	3.60	40.5	1.3
0000x7450	<0.01	0.9	0.138	0.04	0.81	54.7	0.15	2.99	24.4	2.8
0000x7550	0.01	1.1	0.110	0.06	0.76	54.0	0.15	2.84	37.9	1.9
0000x7650	0.01	1.1	0.166	0.06	0.62	67.6	0.13	2.84	64.2	2.3
0000x7750	0.01	0.3	0.016	0.12	15.7	53.6	0.13	49.4	70.9	1.4
0000x7850	<0.01	1.4	0.117	0.09	1.03	57.9	0.12	6.06	50.0	2.0
0000x7950	<0.01	1.4	0.108	0.06	0.51	45.5	0.12	2.31	37.7	1.4
0000x8050	<0.01	0.2	0.098	0.08	0.43	29.6	<0.05	1.67	19.4	1.0
0000x8150	<0.01	1.1	0.101	0.08	0.45	45.0	0.10	1.83	32.1	1.1
0000x8250	0.01	0.5	0.038	0.11	1.84	53.4	0.15	22.3	83.1	1.1
0000x8350	<0.01	0.6	0.077	0.05	0.88	42.3	0.15	4.89	51.8	0.8

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
0000x8450	0.01	2.5	0.052	0.07	0.73	32.9	0.18	3.79	51.3	2.5
9800x6750	<0.01	1.7	0.051	0.08	1.08	54.9	0.18	2.95	128	<0.5
9800x6850	<0.01	<0.1	0.017	0.11	0.74	38.4	0.13	2.43	59.5	<0.5
9800x6950	<0.01	0.4	0.071	0.05	3.05	44.3	0.11	5.51	97.8	0.8
9800x7050	<0.01	0.2	0.051	0.05	0.82	56.6	0.15	4.12	69.8	0.5
9800x7150	0.02	1.3	0.080	0.05	0.82	51.7	0.19	3.53	41.2	1.2
9800x7250	0.01	1.2	0.077	0.07	0.86	49.8	0.19	3.66	46.5	1.0
9800x7350	0.01	1.9	0.092	0.08	1.06	64.9	0.26	2.77	40.5	1.8
9800x7450	<0.01	0.5	0.117	0.09	0.80	50.2	0.15	2.14	40.6	1.7
9800x7550	<0.01	2.0	0.110	0.05	0.71	57.2	0.14	2.59	29.5	2.1
9800x7650	0.03	0.9	0.015	0.19	54.3	102	0.11	94.7	35.4	3.2
9800x7700	0.02	1.1	0.128	0.06	0.71	53.5	21.9	9.37	37.4	8.6
9800x7750	0.01	0.5	0.045	0.14	3.88	54.5	0.16	28.8	102	1.2
9800x7850	<0.01	1.0	0.162	0.05	0.54	51.3	0.10	3.68	63.1	2.0
9800x7950	<0.01	2.0	0.085	0.05	0.64	56.1	0.13	3.27	98.1	2.0
9800x8050	<0.01	2.0	0.108	0.07	0.55	47.5	0.10	2.53	49.4	2.3
9800x8150	<0.01	1.3	0.222	0.06	0.50	69.1	0.06	2.35	44.8	3.8
9800x8250	<0.01	0.5	0.118	0.04	0.69	47.9	0.15	2.36	45.0	1.7
9800x8350	<0.01	0.7	0.113	0.07	0.62	53.6	0.16	2.97	42.8	1.3
9800x8450	<0.01	1.6	0.099	0.07	0.60	53.8	0.14	2.44	39.3	1.5
9900x6750	<0.01	1.2	0.055	0.10	1.00	67.7	0.14	2.73	135	<0.5
9900x6850	0.01	0.9	0.056	0.10	1.20	59.0	0.18	3.15	101	<0.5
9900x6950	<0.01	0.5	0.050	0.06	0.94	44.8	0.17	2.85	58.7	0.5
9900x7050	<0.01	0.5	0.079	0.06	0.72	46.3	0.09	2.73	45.6	0.9
9900x7150	<0.01	0.8	0.107	0.08	2.32	54.5	0.14	9.23	76.7	0.8
9900x7250	0.01	1.2	0.089	0.10	1.07	56.9	0.23	2.99	71.8	1.0
9900x7350	<0.01	1.6	0.135	0.06	1.17	54.9	0.15	3.34	42.3	3.2
9900x7450	<0.01	0.7	0.102	0.06	5.15	41.5	0.17	9.45	61.9	1.2
9900x7550	<0.01	0.4	0.096	0.05	0.98	45.9	0.08	3.98	28.4	1.0
9900x7650	<0.01	1.7	0.119	0.05	2.56	46.6	0.13	6.88	52.8	1.8
9900x7750	<0.01	0.2	0.071	0.09	0.88	44.9	0.14	2.50	46.4	0.9
9900x7850	<0.01	0.1	0.049	0.08	0.66	48.5	0.11	2.52	64.4	<0.5

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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

DATE SAMPLED: Jul 21, 2011

DATE RECEIVED: Jul 20, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
9900x7950	<0.01	0.7	0.109	0.06	0.68	37.0	0.07	3.04	39.8	1.1
9900x8050	<0.01	0.8	0.119	0.06	0.62	41.1	0.09	4.23	36.7	1.1
9900x8150	<0.01	1.3	0.110	0.07	0.56	45.4	0.12	2.66	50.6	1.3
9900x8250	<0.01	0.4	0.095	0.06	0.50	49.8	0.08	1.99	32.8	1.4
9900x8300	0.40	1.4	0.073	0.13	0.40	63.4	13.9	7.64	65.3	4.7
9900x8350	<0.01	0.7	0.093	0.08	0.58	40.0	0.13	2.06	31.3	1.8
9900x8450	<0.01	0.6	0.099	0.07	0.75	54.1	0.14	4.66	40.6	1.3
0100x4050	<0.01	1.2	0.106	0.06	0.55	45.6	0.22	2.26	19.4	1.4
0100x4150	<0.01	1.4	0.142	0.07	0.55	53.1	0.10	2.89	31.3	1.5
0100x4250	<0.01	2.0	0.145	0.09	0.72	57.4	0.11	2.82	41.8	2.2
0100x4350	<0.01	1.5	0.053	0.19	0.64	17.2	0.05	1.85	18.6	<0.5
0100x4450	<0.01	1.7	0.055	0.17	0.67	28.6	0.07	1.72	34.2	0.5
0100x4550	<0.01	1.4	0.084	0.11	0.73	35.9	0.10	2.08	25.7	1.2
0100x4650	<0.01	2.1	0.090	0.10	0.76	46.2	0.12	2.71	34.6	1.3
0100x4750	<0.01	1.4	0.046	0.10	0.83	36.2	0.15	2.33	26.8	<0.5
0100x4850	<0.01	0.7	0.052	0.10	11.4	35.5	0.10	31.3	31.0	<0.5
0100x4950	<0.01	1.5	0.068	0.14	0.78	33.9	0.14	2.59	58.1	<0.5
0100x5050	<0.01	2.4	0.088	0.17	0.89	46.8	0.13	2.88	39.3	0.9
0100x5150	<0.01	1.3	0.097	0.08	0.86	26.1	0.06	3.16	18.8	1.2
0100x5250	<0.01	<0.1	0.011	0.17	0.44	11.2	<0.05	1.28	17.8	<0.5
0100x5350	<0.01	2.3	0.065	0.11	1.00	42.2	0.21	2.76	46.0	2.5
0100x5450	<0.01	0.2	0.020	0.17	0.73	17.4	0.06	1.40	23.2	<0.5
0100x5550	<0.01	0.2	0.021	0.17	0.72	17.2	0.06	1.44	30.4	<0.5
0100x5650	<0.01	1.4	0.071	0.14	0.64	28.2	0.11	1.76	21.5	0.9
0100x5750	<0.01	1.9	0.126	0.12	0.61	54.6	0.07	2.27	40.7	2.8
0100x5850	<0.01	1.2	0.076	0.10	0.82	43.2	0.09	4.20	56.7	0.7
0100x5950	<0.01	1.2	0.117	0.08	2.87	36.2	0.09	8.31	30.1	1.4
0100x6050	<0.01	0.3	0.082	0.10	0.76	22.4	0.06	2.57	14.4	0.9
0100x6150	<0.01	0.2	0.055	0.07	0.49	25.9	0.06	1.96	20.1	0.6
0100x6200	0.01	1.2	0.154	0.06	0.36	56.3	22.1	7.73	32.5	8.0
0100x6750	<0.01	0.4	0.030	0.12	0.91	38.5	0.19	2.67	140	<0.5
0100x6850	0.01	2.5	0.047	0.13	1.01	67.7	0.20	2.89	86.2	1.0

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
0100x6950	<0.01	1.6	0.057	0.13	0.95	59.9	0.14	2.21	46.8	<0.5
0100x7050	0.01	0.7	0.060	0.15	1.77	59.1	0.12	12.9	80.3	<0.5
0100x7150	<0.01	0.4	0.089	0.09	0.75	51.3	0.09	2.11	36.8	1.3
0100x7250	<0.01	1.0	0.108	0.07	0.90	65.7	0.16	3.24	53.3	0.9
0100x7350	<0.01	1.9	0.098	0.07	0.68	50.8	0.17	2.60	31.3	1.7
0100x7450	<0.01	1.4	0.107	0.08	0.92	59.3	0.10	5.38	40.5	1.2
0100x7550	<0.01	0.7	0.122	0.05	0.95	52.8	0.10	3.93	50.9	1.2
0100x7650	<0.01	2.7	0.138	0.05	0.70	55.9	0.14	2.67	32.7	3.6
0100x7750	<0.01	1.6	0.122	0.06	0.64	38.9	0.06	2.23	19.9	1.7
0100x7850	<0.01	0.7	0.084	0.07	0.84	47.9	0.11	5.23	31.0	0.7
0100x7950	<0.01	1.5	0.160	0.08	0.65	45.3	0.10	3.83	44.7	1.7
0100x8050	<0.01	2.3	0.146	0.11	0.48	53.1	0.07	2.26	32.6	3.8
0100x8150	0.02	0.4	0.029	0.16	3.48	121	0.10	22.6	81.0	1.1
0100x8250	0.01	0.8	0.020	0.14	2.97	51.8	0.13	28.1	72.8	1.5
0100x8350	0.01	1.6	0.072	0.06	0.59	43.1	0.14	2.59	38.7	1.0
0100x8450	<0.01	2.5	0.060	0.06	0.68	42.2	0.15	3.12	46.7	1.3
0200x4050	0.01	3.0	0.111	0.08	2.86	45.3	0.12	8.12	35.4	4.1
0200x4150	<0.01	0.8	0.055	0.10	0.75	38.5	0.15	2.47	42.5	<0.5
0200x4250	0.01	1.0	0.071	0.10	0.84	39.8	0.16	2.47	66.5	0.8
0200x4350	0.01	3.4	0.056	0.14	0.95	27.0	0.18	3.44	44.2	2.4
0200x4450	0.01	0.3	<0.005	0.39	10.2	20.2	0.10	25.4	115	0.5
0200x4550	<0.01	0.9	0.045	0.07	0.89	16.5	0.06	2.43	21.2	1.0
0200x4600	0.55	1.6	0.146	0.46	0.61	110	17.4	9.76	132	5.4
0200x4650	<0.01	1.1	0.117	0.04	0.93	29.1	0.07	2.91	30.2	1.3
0200x4750	0.01	1.9	0.060	0.11	1.03	37.7	0.17	3.00	50.6	1.5
0200x4850	<0.01	2.7	0.072	0.13	0.97	27.9	0.12	3.18	41.7	1.6
0200x4950	<0.01	3.1	0.070	0.13	0.95	27.1	0.10	2.50	32.9	3.3
0200x5050	<0.01	2.2	0.047	0.16	0.81	30.2	0.15	2.44	61.2	<0.5
0200x5150	0.01	2.2	0.075	0.11	0.81	38.4	0.16	2.67	32.6	1.0
0200x5250	<0.01	0.5	0.039	0.08	0.70	29.4	0.10	1.87	21.1	<0.5
0200x5350	<0.01	2.1	0.077	0.10	0.69	41.3	0.10	1.69	31.4	1.5
0200x5450	<0.01	<0.1	<0.005	0.18	0.51	15.5	0.09	0.93	22.0	<0.5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
0200x5550	<0.01	<0.1	0.017	0.24	0.57	18.5	0.07	1.08	20.1	<0.5
0200x5650	<0.01	0.4	0.066	0.16	0.55	27.9	0.09	1.72	22.5	<0.5
0200x5750	<0.01	1.3	0.051	0.15	0.43	12.9	<0.05	1.30	12.8	0.6
0200x5850	<0.01	1.4	0.073	0.09	0.69	24.3	0.09	2.77	28.1	1.0
0200x5950	<0.01	0.8	0.081	0.09	1.30	32.8	0.10	4.29	30.1	0.6
0200x6050	<0.01	0.2	0.011	0.19	10.9	16.5	0.12	40.2	32.0	1.3
0200x6150	<0.01	0.7	0.079	0.06	0.83	29.1	0.09	5.67	26.5	0.7
0200x6750	<0.01	1.1	0.063	0.12	0.78	42.2	0.12	2.62	201	0.5
0200x6850	0.01	2.8	0.078	0.18	1.15	50.7	0.16	3.85	96.0	0.9
0200x6950	<0.01	1.1	0.079	0.11	0.58	46.9	0.13	2.23	56.8	<0.5
0200x7050	<0.01	0.9	0.089	0.07	1.31	46.3	0.16	10.3	81.0	0.9
0200x7150	0.01	0.6	0.053	0.13	1.05	54.5	0.18	2.11	64.0	0.8
0200x7250	<0.01	1.7	0.022	0.22	13.1	61.3	0.12	29.7	82.0	0.7
0200x7350	<0.01	2.1	0.123	0.07	0.69	53.2	0.18	2.58	37.0	2.2
0200x7450	0.01	2.5	0.093	0.08	1.06	53.4	0.20	3.30	60.1	2.3
0200x7550	<0.01	1.5	0.131	0.06	0.87	44.8	0.11	3.81	31.6	1.6
0200x7650	0.01	1.5	0.100	0.07	0.77	53.7	0.16	2.43	29.3	1.2
0200x7750	0.01	2.2	0.101	0.07	0.90	54.1	0.22	2.93	40.4	2.0
0200x7850	<0.01	1.0	0.056	0.11	0.94	51.0	0.14	2.22	45.4	<0.5
0200x7950	<0.01	2.2	0.086	0.06	0.72	44.3	0.14	2.67	39.1	0.9
0200x8050	<0.01	2.5	0.109	0.07	0.80	58.2	0.15	3.63	48.5	1.9
0200x8150	<0.01	1.3	0.119	0.05	0.67	64.3	0.14	3.11	54.4	1.4
0200x8250	<0.01	<0.1	0.039	0.06	0.39	26.9	<0.05	1.22	15.5	<0.5
0200x8350	<0.01	1.7	0.112	0.09	0.53	55.3	0.07	2.19	29.8	1.4
0200x8450	<0.01	1.7	0.080	0.05	0.68	50.9	0.11	2.40	36.5	1.2
0300x4050	<0.01	1.9	0.093	0.06	0.77	60.0	0.15	3.05	64.1	1.4
0300x4150	<0.01	1.9	0.122	0.06	0.92	54.8	0.13	3.27	47.7	1.7
0300x4250	<0.01	2.5	0.125	0.13	2.04	50.4	0.10	3.67	42.3	2.7
0300x4350	<0.01	1.3	0.123	0.10	0.68	46.6	0.10	2.65	37.9	1.3
0300x4450	<0.01	1.6	0.098	0.21	0.74	41.1	0.09	2.33	42.3	1.3
0300x4550	<0.01	2.6	0.114	0.13	0.89	58.0	0.15	3.36	49.4	2.5
0300x4650	<0.01	0.7	0.053	0.13	0.88	38.6	0.17	1.93	30.0	<0.5

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
0300x4750	<0.01	1.1	0.110	0.08	0.93	46.7	0.07	3.91	31.6	1.4
0300x4850	<0.01	2.2	0.073	0.11	1.06	36.6	0.14	2.53	31.0	0.8
0300x4950	<0.01	0.4	0.006	0.28	7.25	50.9	0.10	22.3	69.5	<0.5
0300x5050	<0.01	2.4	0.086	0.12	0.87	39.6	0.12	2.68	39.5	1.3
0300x5150	<0.01	1.8	0.070	0.13	0.98	35.7	0.14	2.55	37.5	0.9
0300x5250	<0.01	0.1	0.052	0.11	0.72	19.9	0.07	2.14	49.8	<0.5
0300x5350	<0.01	0.3	0.040	0.20	0.74	30.4	0.09	1.71	20.5	<0.5
0300x5450	<0.01	0.8	0.059	0.07	1.31	38.7	0.12	2.89	46.6	<0.5
0300x5550	<0.01	0.6	0.076	0.17	1.84	43.7	0.09	5.66	51.5	0.5
0300x5650	<0.01	1.5	0.088	0.13	0.78	33.8	0.10	2.91	35.1	0.9
0300x5750	<0.01	0.3	0.053	0.20	0.64	30.7	0.13	1.70	18.8	<0.5
0300x5850	<0.01	2.6	0.084	0.14	0.69	48.4	0.10	2.42	35.5	2.1
0300x5950	<0.01	0.6	0.076	0.12	0.49	29.0	<0.05	1.82	19.3	0.6
0300x6050	0.02	1.4	0.012	0.78	22.1	41.6	0.15	49.2	83.3	5.5
0300x6150	<0.01	0.5	0.084	0.11	0.68	29.2	0.06	2.84	33.6	0.9
0300x6750	<0.01	1.5	0.055	0.08	1.79	29.5	0.09	2.44	104	1.2
0300x6850	<0.01	1.0	0.089	0.06	0.64	38.3	0.07	2.62	62.1	0.9
0300x6950	<0.01	2.0	0.082	0.10	0.82	53.6	0.17	3.22	90.8	0.6
0300x7050	<0.01	2.6	0.087	0.13	0.96	50.9	0.15	2.97	97.1	1.1
0300x7150	0.01	0.3	0.054	0.11	1.13	57.5	0.20	5.10	77.5	<0.5
0300x7250	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss
0300x7350	<0.01	1.3	0.083	0.09	0.86	55.1	0.16	3.30	68.3	0.7
0300x7450	0.01	2.5	0.112	0.10	0.97	62.4	0.15	3.11	41.8	1.4
0300x7550	<0.01	0.4	0.075	0.06	0.74	42.9	0.08	2.64	33.1	0.9
0300x7650	<0.01	0.3	0.079	0.03	0.66	42.3	0.05	2.12	28.8	0.7
0300x7750	0.01	1.6	0.090	0.07	0.80	58.5	0.17	2.97	63.7	1.7
0300x7850	<0.01	3.7	0.143	0.07	1.09	64.7	0.10	5.57	47.6	4.4
0300x7950	<0.01	1.3	0.153	0.06	0.70	40.3	0.09	4.14	43.4	1.6
0300x8050	<0.01	2.9	0.107	0.08	0.96	56.4	0.14	3.81	107	2.5
0300x8150	<0.01	1.3	0.155	0.06	0.91	55.7	0.09	4.42	89.5	1.9
0300x8250	<0.01	0.3	0.056	0.03	1.36	34.4	0.05	11.0	36.2	<0.5
0300x8300	<0.01	0.9	0.111	0.05	0.29	44.6	15.7	6.43	31.7	4.6

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Te ppm 0.01	Th ppm 0.1	Ti % 0.005	Tl ppm 0.02	U ppm 0.05	V ppm 0.5	W ppm 0.05	Y ppm 0.05	Zn ppm 0.5	Zr ppm 0.5
0300x8350		<0.01	0.5	0.075	0.06	0.92	42.7	0.18	7.08	48.5	1.3
0300x8450		<0.01	1.6	0.084	0.05	0.51	46.5	0.12	2.25	50.8	1.5
0400x4050		<0.01	1.3	0.081	0.09	0.58	35.2	0.07	2.70	71.7	0.6
0400x4150		<0.01	0.9	0.031	0.15	0.77	22.8	0.11	3.18	80.0	<0.5
0400x4250		<0.01	2.3	0.116	0.08	0.73	46.8	0.08	3.01	40.8	2.5
0400x4350		<0.01	1.0	0.089	0.06	0.58	49.3	0.06	2.64	42.0	0.8
0400x4450		<0.01	2.2	0.065	0.10	0.58	31.3	0.07	2.28	53.5	1.8
0400x4550		<0.01	0.8	0.097	0.08	1.07	36.0	0.08	3.69	42.2	1.0
0400x4650		0.02	2.1	0.094	0.08	0.78	45.6	0.16	2.86	54.6	1.7
0400x4750		0.01	1.9	0.072	0.08	0.65	42.6	0.11	2.16	40.4	2.3
0400x4850		0.01	1.9	0.059	0.08	0.59	35.9	0.10	1.65	31.2	1.3
0400x4950		<0.01	0.6	0.100	0.05	0.76	39.2	<0.05	2.98	56.1	1.1
0400x5050		0.01	0.9	0.034	0.11	0.67	21.6	0.08	2.28	42.7	<0.5
0400x5150		0.01	1.5	0.053	0.19	0.70	31.4	0.10	2.27	37.1	0.5
0400x5250		0.01	0.5	0.065	0.11	0.52	30.6	<0.05	1.60	19.3	<0.5
0400x5350		<0.01	0.3	0.040	0.13	0.64	34.9	0.09	1.92	38.4	<0.5
0400x5450		<0.01	0.6	0.091	0.08	0.61	40.0	<0.05	2.02	29.1	1.1
0400x5550		<0.01	0.4	0.048	0.09	2.25	28.6	0.06	5.36	35.0	<0.5
0400x5650		<0.01	0.2	0.033	0.14	0.48	22.0	<0.05	1.21	19.6	<0.5
0400x5750		0.01	1.1	0.027	0.11	0.51	34.6	0.10	1.46	27.6	0.6
0400x5850		<0.01	1.8	0.079	0.13	0.51	40.4	<0.05	1.23	23.4	2.1
0400x5950		<0.01	1.0	<0.005	0.14	0.31	3.6	<0.05	0.99	15.3	<0.5
0400x6050		0.02	0.8	0.012	0.29	14.2	37.7	0.18	69.2	89.1	1.3
0400x6150		0.08	0.3	0.015	0.08	4.64	82.6	0.08	10.5	95.5	<0.5
0400x6700		0.33	1.3	0.064	0.11	0.41	55.2	10.6	6.30	67.8	3.8
0400x6750		0.01	1.4	0.081	0.07	0.89	38.5	0.13	2.28	31.4	1.7
0400x6850		<0.01	1.2	0.034	0.11	0.52	27.7	0.09	1.85	96.6	<0.5
0400x6950		<0.01	1.1	0.068	0.05	0.51	35.7	0.06	1.70	36.5	1.0
0400x7050		0.01	2.1	0.066	0.09	0.93	45.0	0.10	3.75	71.0	1.2
0400x7150		0.01	0.6	0.056	0.07	0.71	46.3	0.11	2.82	60.5	<0.5
0400x7250		<0.01	0.9	0.051	0.09	1.35	49.0	0.11	4.69	74.4	<0.5
0400x7350		0.01	0.7	0.015	0.10	13.9	48.9	0.12	33.8	78.4	0.8

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
0400x7450	<0.01	1.6	0.114	0.09	0.78	57.3	0.12	2.76	65.5	1.3
0400x7550	0.02	1.3	0.129	0.08	0.88	67.4	0.18	4.52	76.5	1.7
0400x7650	<0.01	1.3	0.132	0.08	0.41	57.3	0.05	1.55	22.2	1.7
0400x7750	<0.01	2.6	0.069	0.10	0.75	59.8	0.14	2.10	39.0	3.0
0400x7850	<0.01	2.2	0.073	0.14	0.88	55.0	0.12	2.18	53.0	1.4
0400x7950	0.02	2.4	0.127	0.06	0.72	54.8	0.18	3.08	50.3	1.8
0400x8050	0.01	0.5	0.030	0.05	0.88	44.8	0.11	3.44	78.8	<0.5
0400x8150	0.03	1.7	0.126	0.06	0.59	64.1	0.18	2.53	45.3	1.7
0400x8250	0.02	1.8	0.128	0.06	0.56	50.8	0.14	1.94	27.1	1.9
0400x8350	0.01	2.5	0.112	0.06	0.79	54.3	0.15	3.02	43.7	1.8
0400x8450	0.02	0.5	0.016	0.10	163	38.6	0.12	30.9	51.2	1.5
0500x6750	0.01	2.2	0.111	0.06	0.97	34.2	0.07	2.23	28.6	2.2
0500x6850	0.01	1.0	0.079	0.08	0.49	42.0	0.09	1.75	52.9	0.6
0500x6950	0.02	2.5	0.068	0.16	0.69	38.6	0.13	2.58	105	1.4
0500x7050	0.01	<0.1	0.026	0.22	0.97	32.6	0.11	2.04	58.8	<0.5
0500x7150	0.01	0.7	0.089	0.10	0.58	38.5	0.10	1.93	36.0	0.6
0500x7250	0.02	1.3	0.058	0.10	0.99	54.2	0.22	3.40	85.2	0.7
0500x7300	0.02	1.2	0.151	0.06	0.38	55.6	22.4	8.18	37.8	8.7
0500x7350	0.01	0.5	0.097	0.09	0.66	45.2	0.21	2.01	30.5	1.1
0500x7450	<0.01	1.0	0.091	0.12	0.73	40.0	0.09	1.82	28.2	1.0
0500x7550	0.02	1.3	0.049	0.09	0.92	23.5	0.14	2.32	16.3	1.4
0500x7650	0.01	0.9	0.109	0.07	0.72	52.7	0.13	2.08	24.7	1.0
0500x7750	0.01	0.7	0.036	0.08	0.90	51.7	0.18	2.02	49.7	<0.5
0500x7850	0.02	2.6	0.061	0.09	0.66	51.7	0.14	2.35	60.4	2.9
0500x7950	0.01	0.5	0.120	0.06	0.61	41.7	0.11	2.96	70.9	0.8
0500x8050	0.01	1.1	0.133	0.08	0.60	50.3	0.11	2.27	28.1	1.5
0500x8150	0.02	1.2	0.064	0.09	0.78	60.8	0.16	2.90	49.1	0.5
0500x8250	0.02	1.3	0.116	0.07	0.99	50.4	0.12	9.49	53.7	1.1
0500x8350	0.02	1.3	0.126	0.08	0.83	44.5	0.11	5.18	39.3	1.0
0500x8450	0.02	0.3	0.012	0.14	17.7	32.0	0.09	48.5	15.6	3.5
0600x6750	0.01	2.0	0.087	0.09	1.30	36.0	0.09	3.51	62.2	1.4
0600x6850	0.01	2.4	0.076	0.07	0.69	39.8	0.12	2.63	112	1.0

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
0600x6950	0.02	1.1	0.052	0.13	0.66	38.7	0.11	2.34	64.7	<0.5
0600x7050	0.02	1.0	0.012	0.29	2.15	38.4	0.15	7.00	134	0.8
0600x7150	0.02	1.6	0.104	0.20	0.60	60.7	0.16	2.58	93.8	0.9
0600x7250	0.02	1.0	0.083	0.11	0.80	46.2	0.16	2.99	49.0	0.7
0600x7350	0.02	0.1	0.006	0.09	2.10	35.1	0.14	11.5	49.1	<0.5
0600x7450	0.02	0.9	0.022	0.19	5.39	49.1	0.19	18.8	90.7	<0.5
0600x7550	<0.01	1.7	0.129	0.08	0.68	33.8	0.11	3.39	35.0	1.8
0600x7650	0.02	0.6	0.031	0.12	2.70	56.5	0.15	14.4	64.7	<0.5
0600x7750	0.02	0.8	0.052	0.11	3.96	60.1	0.17	17.4	72.1	0.6
0600x7850	0.02	1.8	0.133	0.07	0.74	60.3	0.16	2.94	65.2	1.3
0600x7950	0.02	2.5	0.070	0.14	1.78	66.8	0.15	14.2	72.7	1.3
0600x8000	0.42	1.7	0.072	0.14	0.48	63.6	14.4	7.93	84.4	5.8
0600x8050	<0.01	1.4	0.131	0.09	0.62	41.9	0.09	2.03	22.3	1.6
0600x8150	0.03	0.8	0.083	0.09	0.64	56.3	0.24	2.03	39.6	0.9
0600x8250	0.01	0.9	0.024	0.16	4.28	30.7	0.18	64.3	37.6	2.4
0600x8350	<0.01	0.5	0.069	0.09	1.28	33.5	0.13	8.34	32.8	0.6
0600x8450	0.02	0.5	0.016	0.29	11.5	28.5	0.11	38.5	53.7	2.9
0700x6750	<0.01	1.6	0.022	0.24	4.94	26.1	0.11	16.4	1170	0.6
0700x6850	0.01	1.6	0.063	0.23	3.57	51.1	0.15	16.9	798	0.8
0700x6950	<0.01	1.7	0.130	0.15	0.68	44.5	0.09	2.17	65.1	1.3
0700x7050	<0.01	2.8	0.045	0.24	0.91	33.3	0.13	2.96	134	0.7
0700x7150	<0.01	1.2	0.046	0.24	0.77	35.4	0.13	2.24	99.9	<0.5
0700x7250	<0.01	2.2	0.058	0.16	0.79	45.1	0.19	2.80	73.1	1.1
0700x7350	<0.01	0.3	0.049	0.12	0.91	36.2	0.15	3.94	47.7	<0.5
0700x7450	0.02	1.8	0.017	0.33	11.0	62.5	0.16	44.2	115	1.1
0700x7550	<0.01	1.1	0.057	0.22	0.96	59.3	0.18	2.18	47.7	0.7
0700x7650	0.01	2.1	0.105	0.11	1.02	60.2	0.24	3.54	56.8	1.5
0700x7750	<0.01	0.5	0.059	0.07	1.75	52.0	0.16	4.86	37.4	0.6
0700x7850	0.01	3.1	0.069	0.17	1.06	53.0	0.22	2.56	60.3	2.4
0700x7950	0.01	2.5	0.125	0.09	0.95	59.4	0.22	3.34	45.9	1.3
0700x8050	<0.01	1.4	0.103	0.13	0.83	49.8	0.20	3.06	54.6	<0.5
0700x8150	<0.01	1.5	0.099	0.13	0.70	52.4	0.11	1.81	23.6	1.3

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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	0.5	0.5	
0700x8250		0.03	1.9	0.022	0.42	9.14	96.6	0.18	71.0	53.7	6.6
0700x8350		0.01	0.3	0.051	0.12	1.10	29.2	0.12	6.78	37.2	<0.5
0700x8450		0.01	0.2	0.009	0.19	12.2	39.0	0.09	58.1	19.0	5.9
0800x6750		<0.01	2.7	0.087	0.11	1.12	42.0	0.11	5.08	691	2.1
0800x6850		<0.01	0.7	0.032	0.75	0.95	30.3	0.12	2.24	135	<0.5
0800x6900		0.01	1.3	0.146	0.07	0.40	54.1	22.7	8.36	34.3	8.6
0800x6950		0.04	0.8	0.015	0.55	0.88	23.3	0.30	2.39	126	<0.5
0800x7050		0.10	0.5	0.017	0.45	0.78	25.8	0.15	1.59	98.9	<0.5
0800x7150		<0.01	2.6	0.067	0.12	0.86	39.0	0.15	3.11	66.7	2.0
0800x7250		<0.01	1.3	0.061	0.20	0.84	42.8	0.13	2.16	37.0	<0.5
0800x7350		0.01	2.9	0.065	0.28	1.08	53.6	0.16	3.71	110	1.7
0800x7450		<0.01	1.3	0.091	0.19	0.85	50.6	0.17	2.50	43.7	1.0
0800x7550		0.01	3.0	0.087	0.18	0.99	54.3	0.20	3.99	107	2.0
0800x7650		<0.01	0.8	0.048	0.19	1.00	59.7	0.14	1.69	46.7	<0.5
0800x7750		<0.01	0.7	0.073	0.10	1.03	52.8	0.18	3.53	50.6	0.8
0800x7850		<0.01	1.6	0.070	0.07	0.84	46.5	0.13	3.43	53.6	0.6
0800x7950		<0.01	2.0	0.108	0.09	0.87	53.3	0.18	3.86	41.4	1.3
0800x8050		<0.01	3.2	0.134	0.07	0.89	59.5	0.16	3.99	32.5	4.0
0800x8150		<0.01	1.7	0.106	0.11	0.70	63.4	0.14	2.02	31.7	1.3
0800x8250		0.02	2.3	0.110	0.08	0.72	69.5	0.16	2.79	40.9	2.9
0800x8350		<0.01	0.5	0.088	0.06	0.62	48.8	0.19	3.02	52.3	1.0
0800x8450		0.03	0.9	0.039	0.23	7.17	163	0.09	48.5	84.6	3.2
0900x6750		0.01	2.3	0.085	0.10	0.73	40.2	0.12	3.80	291	1.7
0900x6850		0.02	1.7	0.054	0.14	0.77	33.6	0.16	2.63	193	0.7
0900x6950		<0.01	1.7	0.067	0.14	3.82	27.8	0.11	6.07	234	1.2
0900x7050		0.01	1.3	0.078	0.14	6.90	44.1	0.11	8.53	84.8	0.6
0900x7150		<0.01	1.9	0.125	0.08	0.90	42.6	0.12	3.48	25.7	2.0
0900x7250		<0.01	1.4	0.059	0.14	0.68	35.4	0.12	2.79	45.5	0.5
0900x7350		<0.01	1.3	0.076	0.16	0.74	37.0	0.11	2.21	24.6	0.8
0900x7400		0.46	1.7	0.082	0.16	0.49	66.2	15.0	8.37	84.0	6.3
0900x7450		0.01	1.4	0.101	0.18	0.86	54.8	0.29	3.02	55.9	0.9
0900x7550		0.01	1.1	0.074	0.11	0.74	43.1	0.22	2.23	36.9	0.6

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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DATE SAMPLED: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
0900x7650	0.01	2.1	0.105	0.10	0.70	48.2	0.18	2.77	38.0	2.5
0900x7750	0.01	0.6	0.077	0.10	0.68	39.3	0.12	3.30	51.5	<0.5
0900x7850	<0.01	1.6	0.136	0.07	0.66	39.3	0.11	3.35	32.8	1.3
0900x7950	<0.01	2.1	0.094	0.13	0.80	54.5	0.18	3.01	72.0	1.2
0900x8050	<0.01	2.2	0.093	0.10	0.84	41.8	0.18	2.70	36.1	1.9
0900x8150	<0.01	0.6	0.119	0.11	0.89	33.0	0.11	5.05	25.7	1.0
0900x8250	<0.01	1.8	0.027	0.25	4.46	36.3	0.10	40.1	35.8	<0.5
0900x8350	<0.01	2.4	0.129	0.07	0.90	51.2	0.13	5.73	40.4	2.5
0900x8450	0.01	0.2	0.008	0.08	4.42	13.0	0.07	40.1	18.8	2.4
1000x6750	0.01	4.5	0.070	0.36	1.62	38.9	0.14	4.22	417	4.0
1000x6850	0.01	2.0	0.074	0.18	0.61	35.2	0.12	2.36	102	0.8
1000x6950	0.01	1.8	0.018	0.19	0.59	29.4	0.10	1.43	82.0	1.3
1000x7050	<0.01	1.2	0.054	0.24	0.59	21.7	0.07	1.84	31.6	0.5
1000x7150	<0.01	0.6	0.061	0.17	0.48	24.0	0.06	1.63	19.5	<0.5
1000x7250	0.01	2.7	0.072	0.16	0.74	53.2	0.15	2.76	82.1	2.1
1000x7350	<0.01	0.3	0.057	0.15	1.38	42.6	0.15	8.41	64.2	<0.5
1000x7450	<0.01	1.3	0.095	0.15	0.63	47.3	0.15	2.17	34.1	1.3
1000x7550	0.02	2.0	0.079	0.14	1.06	64.9	0.24	3.78	73.6	0.6
1000x7650	<0.01	1.0	0.034	0.05	0.50	27.8	0.06	1.96	29.8	3.0
1000x7750	<0.01	1.9	0.053	0.07	0.49	29.7	0.10	1.76	32.8	2.5
1000x7850	0.01	2.5	0.099	0.11	0.71	54.3	0.16	2.41	38.4	3.9
1000x7950	<0.01	2.4	0.098	0.09	0.78	42.9	0.16	3.11	39.8	2.2
1000x8000	0.02	1.2	0.155	0.06	0.38	55.2	22.1	8.39	34.8	9.4
1000x8050	<0.01	2.0	0.131	0.09	0.72	49.8	0.39	2.41	31.5	2.4
1000x8150	<0.01	2.4	0.119	0.08	0.78	50.7	0.24	3.12	44.2	2.3
1000x8250	0.01	2.1	0.078	0.21	0.96	63.8	0.25	2.56	48.1	1.1
1000x8350	<0.01	1.3	0.102	0.07	0.69	38.0	0.15	3.68	26.7	1.4
1000x8450	0.01	1.5	0.151	0.07	0.65	54.8	0.14	5.95	43.8	2.8
1100x6750	<0.01	2.3	0.113	0.07	0.64	46.7	0.14	3.64	43.2	2.5
1100x6850	<0.01	0.5	0.016	0.28	1.57	29.7	0.12	5.25	397	<0.5
1100x6950	0.01	2.5	0.068	0.34	0.70	31.9	0.09	2.48	140	1.9
1100x7050	0.10	2.3	0.039	0.22	1.00	37.3	0.15	2.85	502	1.4

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
1100x7150	0.01	0.4	0.084	0.13	0.57	26.3	0.08	2.37	34.9	0.7
1100x7250	0.01	1.3	0.081	0.17	0.57	31.6	0.12	1.97	32.1	0.7
1100x7350	0.01	1.8	0.098	0.14	0.64	51.8	0.18	2.35	46.1	1.0
1100x7450	<0.01	0.6	0.079	0.17	0.54	25.5	0.07	1.60	16.3	1.1
1100x7550	0.01	1.8	0.119	0.21	0.61	44.3	0.20	2.54	53.9	1.2
1100x7650	0.01	1.7	0.023	0.13	0.91	16.8	0.20	3.84	20.3	0.7
1100x7750	0.01	2.1	0.024	0.24	17.4	47.1	0.13	47.7	66.2	2.9
1100x7850	<0.01	0.4	0.090	0.09	0.81	27.5	0.09	6.37	31.0	0.5
1100x7950	0.03	0.9	0.037	0.32	2.22	73.7	0.18	19.3	92.4	<0.5
1100x8050	<0.01	2.9	0.120	0.08	0.93	54.3	0.17	4.00	47.5	4.5
1100x8150	0.01	3.8	0.073	0.19	1.00	60.5	0.22	3.44	58.1	3.6
1100x8250	0.01	2.8	0.101	0.10	0.78	52.6	0.18	2.84	44.3	3.7
1100x8350	0.02	0.6	0.069	0.10	0.58	59.4	0.10	1.55	23.3	<0.5
1100x8450	<0.01	<0.1	0.020	0.07	0.57	36.7	0.11	2.07	28.0	<0.5
1200x6750	<0.01	1.6	0.086	0.11	0.88	34.3	0.09	4.74	64.0	1.0
1200x6850	0.01	2.8	0.043	0.32	0.77	41.1	0.14	2.69	167	2.2
1200x6900	0.41	1.6	0.076	0.15	0.46	62.5	14.5	8.11	81.2	6.0
1200x6950	0.01	0.1	0.024	0.25	0.65	17.1	0.17	2.62	72.1	<0.5
1200x7050	0.02	0.9	0.054	0.20	0.57	12.2	0.06	2.30	116	<0.5
1200x7150	0.02	1.6	0.074	0.18	0.53	17.1	0.06	1.69	22.8	1.4
1200x7250	0.01	1.2	0.074	0.17	0.66	27.5	0.09	2.70	75.2	0.7
1200x7350	0.03	1.5	0.018	0.21	4.63	48.1	0.15	10.8	119	<0.5
1200x7450	0.01	1.3	0.074	0.13	0.80	36.6	0.12	4.00	63.1	0.7
1200x7550	<0.01	0.4	0.054	0.14	0.60	37.5	0.11	1.86	39.7	<0.5
1200x7650	<0.01	0.3	0.040	0.09	2.21	22.7	0.09	7.20	36.2	<0.5
1200x7750	<0.01	<0.1	0.036	0.17	0.77	34.3	0.11	3.10	49.6	<0.5
1200x7850	<0.01	2.2	0.103	0.07	0.79	35.5	0.17	4.52	34.8	1.5
1200x7950	<0.01	3.3	0.063	0.14	0.80	37.5	0.18	3.37	62.5	4.6
1200x8050	<0.01	1.8	0.066	0.17	0.72	55.4	0.16	2.09	55.0	0.9
1200x8150	<0.01	0.5	0.053	0.15	0.68	38.7	0.10	2.96	23.3	<0.5
1200x8250	0.02	2.8	0.073	0.12	0.72	52.2	0.16	2.97	73.6	2.3
1200x8350	0.02	0.3	0.030	0.18	1.96	48.8	0.19	68.5	63.3	1.0

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
1200x8450		0.02	2.1	0.103	0.07	0.80	71.3	0.24	3.81	68.2	4.0
1300x6750		0.01	2.3	0.041	0.17	0.73	40.1	0.16	2.94	179	1.0
1300x6850		<0.01	0.7	0.026	0.19	1.57	27.0	0.10	4.72	140	<0.5
1300x6950		0.01	1.9	0.031	0.26	0.90	28.2	0.15	3.35	112	0.7
1300x7050		0.02	0.1	0.022	0.27	0.60	16.4	<0.05	2.14	67.6	<0.5
1300x7150		0.03	0.3	0.007	0.08	4.03	7.9	0.07	11.2	99.1	2.0
1300x7250		0.02	<0.1	0.020	0.16	0.55	26.1	0.09	1.61	62.9	<0.5
1300x7350		0.16	0.8	0.010	0.55	2.67	57.1	0.14	10.1	680	0.9
1300x7400		0.02	1.1	0.144	0.06	0.37	55.0	23.3	8.26	39.9	8.8
1300x7450		0.04	4.0	0.096	0.12	1.08	47.6	0.39	4.54	70.8	5.8
1300x7550		0.02	2.2	0.069	0.16	0.89	53.0	0.20	2.95	59.6	1.1
1300x7650		0.01	0.3	0.049	0.10	0.75	35.6	0.15	2.86	55.4	0.6
1300x7750		<0.01	1.7	0.129	0.12	0.76	50.8	0.13	2.72	46.8	1.2
1300x7850		<0.01	<0.1	0.015	0.16	0.74	27.8	0.10	2.08	47.8	<0.5
1300x7950		0.01	1.6	0.082	0.10	1.94	43.8	0.16	28.5	35.8	0.8
1300x8050		0.02	3.2	0.106	0.10	0.81	65.2	0.15	3.52	43.1	6.4
1300x8150		<0.01	1.8	0.062	0.14	0.57	54.2	0.17	2.04	52.0	1.2
1300x8250		<0.01	1.6	0.117	0.10	0.52	52.9	0.08	1.30	21.6	1.8
1300x8350		0.01	0.5	0.060	0.16	1.01	56.0	0.14	15.6	59.8	<0.5
1300x8450		0.01	2.1	0.065	0.13	0.69	53.1	0.13	2.49	73.6	1.7
1400x6750		<0.01	2.1	0.049	0.17	0.69	37.7	0.10	2.87	106	0.6
1400x6850		<0.01	1.3	0.058	0.12	0.64	37.7	0.09	3.63	99.7	<0.5
1400x6950		<0.01	1.3	0.062	0.19	0.55	24.1	0.08	2.46	40.2	<0.5
1400x7050		<0.01	0.5	0.015	0.38	0.77	31.1	0.07	4.06	165	<0.5
1400x7150		0.04	0.4	0.006	0.41	16.5	23.0	0.10	23.0	205	1.3
1400x7250		0.06	0.6	0.024	0.30	0.58	36.3	0.09	2.20	76.4	<0.5
1400x7350		0.04	0.4	0.038	0.25	0.76	41.1	0.14	2.75	60.3	<0.5
1400x7450		0.02	0.3	0.064	0.17	0.55	25.4	0.05	2.42	48.4	<0.5
1400x7550		0.04	0.4	0.011	0.26	6.53	29.6	0.10	25.3	127	1.5
1400x7650		<0.01	0.4	0.073	0.10	0.76	32.3	0.11	3.60	47.5	<0.5
1400x7750		0.02	1.7	0.060	0.13	0.70	47.8	0.10	2.54	71.2	0.6
1400x7850		0.03	2.0	0.017	0.57	17.9	77.0	0.12	54.3	82.9	4.2

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
Sample Description										
1400x7950	0.01	2.9	0.068	0.12	0.84	47.6	0.15	3.66	61.2	3.1
1400x8000	0.43	1.6	0.074	0.15	0.45	63.7	13.8	7.91	85.5	6.1
1400x8050	0.01	0.8	0.047	0.09	0.54	34.6	0.20	2.58	24.3	0.6
1400x8150	0.01	2.8	0.060	0.15	0.68	47.7	0.19	2.41	45.6	5.6
1400x8250	0.01	0.7	0.054	0.15	0.68	60.9	0.16	2.31	51.9	<0.5
1400x8350	0.01	1.8	0.060	0.13	0.63	55.5	0.13	2.39	79.9	0.6
1400x8450	0.01	0.6	0.025	0.17	0.63	40.1	0.14	1.87	55.0	0.5
1500x6750	0.01	1.3	0.038	0.17	0.90	36.1	0.11	3.16	128	<0.5
1500x6850	0.02	0.8	0.006	0.58	12.4	37.1	0.12	43.4	220	2.1
1500x6950	0.02	1.0	0.018	0.41	0.64	49.6	0.09	3.83	153	<0.5
1500x7050	<0.01	1.3	0.014	0.39	0.48	22.7	0.08	2.73	71.4	<0.5
1500x7150	0.02	1.1	0.024	0.21	0.49	19.6	0.05	2.13	95.1	<0.5
1500x7250	0.16	2.7	0.017	0.29	0.72	27.1	0.10	2.84	290	1.3
1500x7350	0.08	2.4	0.019	0.51	1.04	34.4	0.09	3.58	199	1.2
1500x7450	0.02	0.5	0.037	0.23	0.95	29.4	0.14	4.18	93.0	<0.5
1500x7550	0.04	0.5	0.037	0.19	0.84	51.0	0.15	4.20	111	<0.5
1500x7650	0.03	3.6	0.151	0.14	0.90	58.6	0.14	3.84	76.5	7.0
1500x7750	0.11	0.8	0.067	0.42	2.21	151	0.10	13.8	277	0.6
1500x7850	0.02	1.0	0.095	0.15	0.82	36.3	0.12	4.44	50.6	0.7
1500x7950	0.01	2.6	0.104	0.16	0.85	64.0	0.20	3.39	90.3	2.2
1500x8050	<0.01	1.8	0.091	0.18	0.68	54.7	0.13	1.93	50.2	0.9
1500x8150	<0.01	2.7	0.088	0.12	0.78	52.5	0.12	1.87	30.5	1.0
1500x8250	0.01	2.6	0.099	0.14	0.72	59.4	0.18	2.94	83.4	2.9
1500x8350	<0.01	<0.1	0.088	<0.02	<0.05	51.9	<0.05	<0.05	<0.5	<0.5
1500x8450	<0.01	0.9	0.057	0.10	0.56	49.9	0.14	1.75	35.2	0.5
1600x6750	0.03	1.3	0.008	0.78	8.61	59.4	0.10	42.9	263	2.6
1600x6800	0.02	1.2	0.145	0.07	0.42	55.7	23.9	8.62	38.6	9.5
1600x6850	0.02	1.1	0.009	0.55	5.86	32.0	0.34	59.0	156	5.8
1600x6950	0.01	0.5	0.056	0.16	0.69	41.3	0.11	3.71	75.4	<0.5
1600x7050	<0.01	0.8	0.038	0.17	0.53	27.1	0.08	2.08	34.8	<0.5
1600x7150	0.01	<0.1	0.019	0.23	0.41	24.1	0.06	1.77	35.9	<0.5
1600x7250	0.02	2.0	0.040	0.20	0.60	37.0	0.12	2.36	95.8	0.7

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
1600x7350	0.10	0.4	<0.005	0.49	1.25	34.8	0.08	4.29	240	<0.5
1600x7450	0.06	1.7	0.032	0.34	0.61	31.1	0.10	2.13	68.2	0.6
1600x7550	<0.01	0.2	0.043	0.13	0.81	31.5	0.12	4.12	59.1	<0.5
1600x7650	0.02	2.7	0.075	0.13	0.91	38.9	0.18	3.50	68.5	1.7
1600x7750	0.01	0.7	0.167	0.11	0.52	53.2	0.11	2.85	39.5	1.4
1600x7850	0.02	2.4	0.094	0.11	0.84	42.9	0.16	3.46	66.2	2.1
1600x7950	<0.01	0.3	0.031	0.12	0.72	44.6	0.16	2.19	52.4	<0.5
1600x8050	0.01	2.2	0.100	0.14	0.70	69.4	0.24	2.24	44.8	1.5
1600x8150	0.01	2.7	0.070	0.15	0.84	59.7	0.19	2.53	62.0	3.8
1600x8250	<0.01	1.1	0.058	0.15	0.71	56.4	0.16	2.12	47.7	<0.5
1600x8350	<0.01	0.4	0.073	0.11	0.60	58.6	0.13	2.50	42.3	<0.5
1600x8450	<0.01	0.2	0.079	0.10	0.58	56.3	0.12	2.22	31.8	<0.5
1700x6750	<0.01	1.1	0.070	0.16	0.70	37.9	0.11	4.43	63.1	<0.5
1700x6850	0.01	1.0	0.025	0.27	0.69	48.9	0.11	4.50	168	<0.5
1700x6950	0.01	0.7	0.022	0.40	1.83	44.4	0.10	7.91	167	<0.5
1700x7050	<0.01	0.9	0.043	0.18	0.53	29.4	0.10	2.46	45.4	<0.5
1700x7150	<0.01	0.4	0.028	0.15	0.35	18.3	0.06	1.30	12.8	<0.5
1700x7250	<0.01	1.4	0.025	0.47	0.59	34.1	0.12	2.37	60.0	<0.5
1700x7350	0.01	1.2	0.070	0.15	0.52	23.1	0.08	2.49	47.7	<0.5
1700x7450	0.02	1.7	0.024	0.28	0.55	21.1	0.11	1.86	75.2	<0.5
1700x7500	0.39	1.7	0.069	0.14	0.48	62.5	14.0	8.56	81.1	5.9
1700x7550	0.04	0.6	0.020	0.33	0.69	45.0	0.16	2.32	74.4	<0.5
1700x7650	0.03	0.5	0.035	0.24	1.08	55.1	0.12	13.7	118	0.6
1700x7750	0.02	<0.1	0.022	0.15	0.84	29.1	0.08	3.72	30.1	<0.5
1700x7850	0.01	2.0	0.079	0.15	1.05	33.6	0.14	3.05	57.8	1.9
1700x7950	0.01	0.5	0.082	0.18	4.43	50.4	0.12	21.4	108	<0.5
1700x8050	0.01	2.8	0.081	0.18	0.88	55.0	0.16	2.96	122	2.2
1700x8150	0.02	2.5	0.066	0.11	0.80	41.6	0.17	3.01	61.8	1.4
1700x8250	0.01	2.2	0.113	0.11	0.55	69.6	0.15	2.97	49.8	3.0
1700x8350	0.01	2.3	0.081	0.13	0.77	49.8	0.13	3.40	53.5	1.6
1700x8450	0.01	2.4	0.096	0.12	0.84	74.8	0.18	2.80	64.3	1.9
1800x6750	0.01	0.4	0.028	0.23	2.28	42.6	0.10	12.4	149	<0.5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 2011

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Te ppm 0.01	Th ppm 0.1	Ti % 0.005	Tl ppm 0.02	U ppm 0.05	V ppm 0.5	W ppm 0.05	Y ppm 0.05	Zn ppm 0.5	Zr ppm 0.5
1800x6850		<0.01	2.6	0.031	0.25	0.98	26.8	0.11	3.32	103	0.8
1800x6950		<0.01	1.6	0.058	0.17	1.17	30.7	0.07	5.40	135	0.8
1800x7050		<0.01	1.8	0.052	0.21	1.19	36.0	0.09	5.63	75.6	<0.5
1800x7150		0.01	0.8	0.021	0.28	3.22	44.5	0.08	12.5	129	<0.5
1800x7250		<0.01	1.4	0.056	0.22	0.72	34.6	0.13	2.67	37.1	0.6
1800x7350		0.01	2.4	0.037	0.24	0.94	42.6	0.15	3.45	135	1.6
1800x7450		<0.01	<0.1	0.013	0.23	0.52	16.6	<0.05	1.68	19.0	<0.5
1800x7550		<0.01	1.7	0.043	0.25	0.63	16.7	0.05	1.83	21.1	1.0
1800x7650		<0.01	0.9	0.051	0.14	0.82	28.9	0.11	3.54	42.2	<0.5
1800x7750		0.02	1.4	0.098	0.14	0.87	55.5	0.09	4.21	65.9	1.5
1800x7850		0.01	2.8	0.157	0.09	1.23	53.3	0.12	7.15	52.1	2.5
1800x7950		0.01	2.9	0.094	0.13	0.78	50.9	0.12	2.82	43.8	3.8
1800x8050		<0.01	0.9	0.063	0.14	0.75	52.0	0.10	2.13	43.5	<0.5
1800x8100		0.02	1.3	0.147	0.07	0.43	57.8	24.1	9.45	36.8	9.6
1800x8150		0.01	2.2	0.081	0.20	0.75	54.2	0.16	2.22	40.6	1.8
1800x8250		<0.01	1.1	0.063	0.12	0.68	41.5	0.09	2.18	21.7	0.8
1800x8350		0.01	3.0	0.055	0.15	0.82	46.2	0.19	3.35	45.5	3.1
1800x8450		<0.01	1.7	0.098	0.09	0.78	36.8	0.11	3.70	40.4	1.2
1900x6750		0.02	2.2	0.012	0.58	4.25	53.2	0.11	13.1	216	1.1
1900x6850		0.01	3.5	0.059	0.15	0.98	39.3	0.13	3.42	202	2.1
1900x6950		<0.01	1.7	0.035	0.24	0.68	22.6	0.07	2.33	35.2	<0.5
1900x7050		0.02	2.1	0.042	0.33	0.69	48.9	0.11	3.44	92.8	1.7
1900x7150		<0.01	1.5	0.066	0.18	0.58	34.4	0.11	2.54	33.7	0.6
1900x7250		<0.01	1.0	0.033	0.17	0.70	27.9	0.09	2.66	38.3	<0.5
1900x7350		0.02	3.1	0.043	0.18	0.89	52.3	0.15	3.54	98.1	2.7
1900x7450		0.02	1.8	0.020	0.23	0.92	43.4	0.17	3.11	91.4	0.7
1900x7550		0.04	0.1	0.020	0.21	0.94	18.4	0.08	3.79	118	<0.5
1900x7650		0.05	1.5	0.031	0.24	0.67	35.7	0.12	2.06	55.5	<0.5
1900x7750		0.02	3.2	0.064	0.10	1.06	39.6	0.17	3.74	64.0	2.6
1900x7850		0.01	1.3	0.116	0.09	0.96	40.4	0.14	5.69	57.1	1.6
1900x7950		0.01	0.6	0.127	0.15	0.68	31.0	0.06	3.49	34.2	1.3
1900x8050		<0.01	0.1	0.046	0.08	0.56	35.1	0.13	1.78	34.4	<0.5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
1900x8150	<0.01	1.1	0.094	0.10	0.75	49.9	0.14	2.79	56.2	1.1
1900x8250	0.01	1.3	0.099	0.11	0.79	62.0	0.18	2.39	46.1	0.9
1900x8350	<0.01	1.1	0.068	0.11	0.68	56.9	0.16	2.19	45.0	<0.5
1900x8450	<0.01	0.8	0.096	0.09	0.88	44.6	0.13	3.65	41.8	0.8
2000x6750	0.01	1.3	0.100	0.14	0.77	48.8	0.09	2.96	82.9	1.9
2000x6850	<0.01	2.4	0.066	0.16	1.02	44.6	0.08	4.61	43.1	2.2
2000x6900	0.39	1.7	0.081	0.15	0.51	64.9	15.1	8.64	79.5	6.5
2000x6950	0.01	3.0	0.070	0.16	1.01	44.3	0.19	3.38	70.9	2.2
2000x7050	<0.01	0.2	0.017	0.22	0.61	20.3	0.08	2.35	34.8	<0.5
2000x7150	0.01	1.6	0.061	0.16	0.72	44.3	0.12	3.09	62.1	0.6
2000x7250	0.01	0.3	0.023	0.19	1.54	47.3	0.10	9.10	104	<0.5
2000x7350	<0.01	<0.1	0.015	0.20	0.56	27.4	0.08	1.86	36.2	0.5
2000x7450	0.02	2.5	0.064	0.13	0.76	39.5	0.11	3.40	57.1	1.6
2000x7550	0.01	0.1	0.044	0.13	0.71	27.0	0.09	2.95	43.2	<0.5
2000x7650	0.04	0.4	0.055	0.20	0.78	32.1	0.11	3.29	81.8	<0.5
2000x7750	0.03	1.6	0.069	0.15	0.93	50.2	0.17	2.88	86.8	0.9
2000x7850	<0.01	<0.1	0.022	0.13	1.58	32.0	0.10	8.89	65.0	<0.5
2000x7950	<0.01	1.5	0.123	0.08	1.02	39.5	0.11	5.25	44.5	1.8
2000x8050	0.01	0.5	0.010	0.41	6.26	37.7	0.13	49.3	67.7	3.3
2000x8150	<0.01	1.2	0.120	0.10	1.31	43.1	0.09	10.9	37.7	1.2
2000x8250	<0.01	0.4	<0.005	0.23	6.15	23.8	0.10	37.6	44.2	2.1
2000x8350	<0.01	2.2	0.098	0.12	0.73	67.6	0.12	2.98	53.1	1.9
2000x8450	<0.01	2.7	0.093	0.14	0.76	65.5	0.16	2.54	68.4	3.9
2100x6750	0.01	2.3	0.086	0.16	0.85	43.2	0.12	4.20	78.1	1.4
2100x6850	0.01	1.0	0.048	0.16	1.21	41.2	0.11	5.32	83.6	<0.5
2100x6950	<0.01	1.7	0.037	0.14	0.66	33.2	0.08	2.83	52.8	0.8
2100x7050	0.01	0.1	0.011	0.35	1.25	53.1	0.10	5.45	100	<0.5
2100x7150	0.01	1.5	0.082	0.21	0.79	74.5	0.14	2.94	75.8	0.9
2100x7250	0.01	0.3	0.032	0.17	0.70	39.4	0.11	2.36	51.1	<0.5
2100x7350	<0.01	0.8	0.034	0.23	0.66	38.7	0.11	1.69	46.0	<0.5
2100x7450	0.01	1.6	0.023	0.15	0.77	43.7	0.12	2.34	80.1	0.5
2100x7550	0.02	0.6	0.039	0.33	0.59	40.5	0.10	1.53	29.8	<0.5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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CLIENT NAME: UTM EXPLORATION SERVICES

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

DATE SAMPLED: Jul 21, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
2100x7600	0.02	1.1	0.146	0.06	0.35	54.8	23.3	8.22	35.3	8.5
2100x7650	0.04	0.1	0.035	0.12	1.47	33.6	0.20	10.5	115	0.6
2100x7750	0.06	1.1	0.057	0.19	0.69	43.0	0.14	2.70	113	<0.5
2100x7850	0.01	0.4	0.075	0.10	0.82	34.1	0.12	4.19	45.2	1.1
2100x7950	0.01	0.2	0.045	0.10	1.20	54.2	0.11	6.91	52.2	0.5
2100x8050	0.01	0.2	0.062	0.10	0.57	27.9	0.08	1.99	22.2	<0.5
2100x8150	0.02	2.4	0.087	0.09	0.67	40.0	0.13	3.25	40.6	2.3
2100x8250	0.02	2.1	0.078	0.12	0.78	63.2	0.12	2.91	44.6	1.2
2100x8350	<0.01	1.5	0.058	0.10	0.64	39.9	0.13	3.77	26.0	0.7
2100x8450	0.01	2.0	0.067	0.10	0.65	59.9	0.16	2.15	37.1	1.5
2200x8050	0.02	2.3	0.061	0.08	0.67	35.5	0.15	2.50	51.2	1.8
2200x8150	0.01	1.3	0.108	0.07	1.88	46.6	0.13	7.41	40.4	1.2
2200x8250	0.02	0.7	0.010	0.31	5.24	46.5	0.18	53.3	54.6	3.8
2200x8350	0.02	3.3	0.119	0.10	0.86	77.6	0.16	3.39	66.7	5.6
2200x8450	0.01	1.8	0.091	0.06	0.76	50.7	0.15	3.07	33.1	1.7
2300x8050	0.02	0.5	0.032	0.11	10.9	43.2	0.07	9.36	93.5	0.9
2300x8150	0.02	2.0	0.116	0.10	0.74	74.3	0.17	3.73	61.7	2.4
2300x8250	0.01	2.4	0.101	0.09	0.79	46.3	0.14	4.13	46.9	1.8
2300x8350	0.02	2.0	0.082	0.06	0.63	43.5	0.12	2.58	38.8	1.9
2300x8450	0.01	2.6	0.105	0.08	0.73	54.8	0.13	3.16	37.7	3.4
2400x8050	0.02	0.7	0.045	0.15	6.74	45.4	0.11	14.9	49.8	0.9
2400x8150	0.02	1.9	0.090	0.13	0.95	61.7	0.18	3.85	99.3	1.3
2400x8250	0.01	1.7	0.085	0.11	0.61	46.5	0.15	2.66	62.7	0.9
2400x8350	0.01	2.2	0.039	0.17	0.72	40.7	0.12	2.20	53.8	1.0
2400x8450	0.02	2.7	0.083	0.08	0.80	51.2	0.14	3.21	58.4	2.8
2400x8500	0.39	1.5	0.069	0.14	0.45	57.1	13.9	8.07	77.8	6.1
2500x8050	0.01	1.5	0.103	0.10	2.51	41.8	0.12	6.56	47.3	0.9
2500x8150	0.01	1.8	0.112	0.14	0.55	53.8	0.13	2.44	72.1	2.0
2500x8250	0.01	2.1	0.097	0.12	0.67	70.5	0.17	3.03	112	1.7
2500x8350	0.02	1.5	0.116	0.09	0.73	62.4	0.18	3.94	81.8	0.9
2500x8450	0.02	2.1	0.099	0.09	0.61	52.5	0.14	3.37	64.7	2.4
9200x2650	<0.01	0.9	0.073	0.10	0.83	32.5	0.12	2.43	20.7	0.5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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DATE SAMPLED: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
9200x2750	0.01	1.9	0.108	0.08	0.98	39.8	0.13	2.57	25.0	1.4
9200x2850	0.01	1.2	0.147	0.07	0.73	42.1	0.13	2.67	31.6	1.0
9200x2950	<0.01	2.7	0.159	0.06	0.92	35.3	0.12	3.93	28.7	3.2
9200x3050	0.01	1.6	0.114	0.06	1.17	38.2	0.12	4.84	35.3	1.4
9200x3150	0.02	1.4	0.101	0.10	4.57	53.7	0.12	10.9	56.7	0.9
9200x3250	0.01	0.7	0.033	0.14	7.25	55.1	0.12	22.2	74.9	0.6
9200x3350	<0.01	0.5	0.034	0.09	0.79	15.7	0.08	1.77	9.1	<0.5
9200x3450	0.01	2.2	0.052	0.11	0.97	44.3	0.11	2.24	39.8	0.9
9200x3550	<0.01	2.6	0.044	0.15	0.95	41.2	0.13	2.05	58.4	1.5
9300x2650	0.01	3.2	0.072	0.12	1.20	38.4	0.19	2.77	44.9	1.5
9300x2750	<0.01	1.9	0.141	0.07	0.94	42.8	0.12	2.31	25.3	2.3
9300x2850	<0.01	1.7	0.111	0.08	1.13	28.4	0.09	3.45	26.2	1.4
9300x2950	<0.01	1.5	0.076	0.07	0.84	28.1	0.10	2.42	23.5	1.1
9300x3050	0.01	2.3	0.124	0.06	1.17	44.9	0.13	5.37	39.8	1.5
9300x3150	0.01	0.5	0.045	0.10	2.56	30.6	0.08	10.2	37.1	<0.5
9300x3250	<0.01	2.0	0.137	0.08	1.18	43.2	0.13	4.30	43.0	2.0
9300x3350	<0.01	1.2	0.110	0.07	1.74	33.1	0.09	6.42	41.8	1.5
9300x3400	0.02	1.2	0.170	0.06	0.39	60.5	23.3	8.84	39.3	10.0
9300x3450	0.01	3.6	0.085	0.08	1.13	52.9	0.22	3.23	56.0	3.6
9300x3550	0.02	3.7	0.062	0.14	1.26	52.6	0.19	2.80	78.6	4.6
9400x2650	0.02	3.5	0.102	0.08	1.22	49.4	0.19	3.16	42.9	2.0
9400x2750	0.01	2.9	0.059	0.08	1.10	41.9	0.20	2.92	53.3	2.7
9400x2850	0.01	0.7	0.095	0.11	0.95	41.1	0.16	2.70	33.1	1.0
9400x2950	0.01	1.7	0.095	0.09	0.95	51.2	0.16	2.86	38.6	1.2
9400x3050	<0.01	1.8	0.116	0.09	1.07	45.5	0.21	3.24	50.5	1.6
9400x3150	0.01	1.7	0.143	0.06	0.83	62.7	0.18	3.13	30.9	1.6
9400x3250	<0.01	1.4	0.114	0.06	1.66	28.7	0.10	3.82	21.8	1.5
9400x3350	0.01	1.5	0.157	0.09	0.80	70.7	0.11	2.71	31.7	1.8
9400x3450	0.02	0.4	0.008	0.05	17.0	9.9	<0.05	34.4	13.5	1.9
9400x3550	<0.01	2.1	0.093	0.16	1.06	48.8	0.09	2.24	22.3	1.6
9500x2650	0.02	3.5	0.071	0.11	1.03	46.7	0.16	2.86	41.2	1.3
9500x2750	<0.01	1.4	0.084	0.10	0.95	27.4	0.11	2.43	19.7	0.9

Certified By:



Certificate of Analysis

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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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
9500x2850	0.01	2.4	0.112	0.08	0.96	45.9	0.16	2.34	27.0	1.8
9500x2950	0.01	0.2	0.038	0.12	4.88	39.3	0.10	13.2	66.9	<0.5
9500x3050	<0.01	1.5	0.107	0.10	0.76	32.4	<0.05	2.11	18.5	1.4
9500x3150	0.01	1.0	0.100	0.10	13.8	54.7	0.14	17.1	63.5	0.9
9500x3250	<0.01	0.5	0.075	0.07	2.85	25.8	0.08	5.30	24.7	0.5
9500x3350	<0.01	0.3	0.043	0.09	1.62	17.6	0.08	4.69	25.2	<0.5
9500x3450	<0.01	0.2	0.116	0.08	1.14	25.6	0.08	3.23	24.7	1.2
9500x3550	0.03	2.9	0.081	0.10	10.8	195	0.23	22.8	78.4	1.3
9600x2650	0.01	2.9	0.095	0.12	1.14	50.2	0.12	3.18	43.0	1.1
9600x2750	0.02	2.4	0.058	0.11	1.10	49.2	0.17	2.89	46.3	0.8
9600x2800	0.39	1.6	0.087	0.15	0.47	70.9	14.0	8.70	92.2	6.0
9600x2850	<0.01	<0.1	0.027	0.10	0.68	10.6	0.10	1.78	7.9	<0.5
9600x2950	<0.01	1.5	0.126	0.09	0.74	40.6	0.11	2.49	19.1	1.8
9600x3050	<0.01	3.9	0.133	0.05	2.78	33.1	0.11	6.20	38.2	2.9
9600x3150	0.01	2.4	0.123	0.05	1.04	47.3	0.15	4.63	35.6	1.9
9600x3250	0.01	0.6	0.065	0.11	5.80	46.3	0.08	13.7	48.7	0.7
9600x3350	0.02	0.7	0.066	0.20	4.40	59.9	0.08	11.7	60.8	0.5
9600x3450	0.01	0.5	0.055	0.15	6.08	52.6	0.10	15.0	63.5	0.6
9600x3550	<0.01	0.3	0.082	0.07	0.81	31.3	0.08	2.27	19.2	0.9
9700x2650	<0.01	2.0	0.108	0.15	0.91	37.6	0.09	2.42	25.5	1.5
9700x2750	0.02	1.5	0.079	0.15	24.9	71.5	0.14	11.8	61.3	0.6
9700x2850	0.01	0.3	0.058	0.11	1.22	30.7	0.10	4.66	41.5	<0.5
9700x2950	0.01	1.4	0.057	0.06	1.99	22.0	0.09	3.75	24.7	0.5
9700x3050	<0.01	1.6	0.080	0.06	1.65	27.7	0.12	3.83	31.6	0.9
9700x3150	0.01	1.3	0.064	0.11	1.36	40.1	0.12	6.23	62.2	0.6
9700x3250	0.02	2.6	0.100	0.07	1.20	46.7	0.15	6.32	43.3	2.1
9700x3350	0.01	3.2	0.123	0.08	2.01	48.1	0.15	10.8	48.2	4.0
9700x3450	0.02	3.2	0.129	0.07	1.13	61.6	0.16	5.34	54.3	4.2
9700x3550	0.01	1.0	0.094	0.06	0.62	37.3	0.08	2.06	16.9	0.9
9800x2650	0.01	1.9	0.064	0.10	0.76	24.9	0.08	2.22	21.1	0.7
9800x2750	<0.01	4.0	0.093	0.12	1.16	32.8	0.13	3.15	25.5	2.2
9800x2850	<0.01	1.8	0.075	0.12	0.80	26.7	0.08	2.89	26.4	0.8

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11D512027

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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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
9800x2950	<0.01	2.6	0.074	0.07	1.02	26.3	0.11	3.55	21.8	1.3
9800x3050	0.01	1.8	0.077	0.06	1.19	32.2	0.12	3.85	45.3	0.9
9800x3150	<0.01	1.8	0.085	0.10	0.89	30.9	0.09	2.25	21.0	1.4
9800x3200	0.02	1.1	0.140	0.06	0.35	53.4	21.9	8.11	38.1	8.3
9800x3250	0.01	2.5	0.124	0.06	0.89	53.4	0.14	4.90	37.5	4.1
9800x3350	0.01	1.0	0.049	0.13	0.73	30.3	0.11	2.15	18.1	1.1
9800x3450	<0.01	1.8	0.109	0.10	0.72	37.3	0.08	2.16	19.0	1.3
9800x3550	0.01	1.6	0.117	0.09	0.78	57.3	0.15	2.27	27.1	1.9
9900x2650	0.01	2.6	0.150	0.07	0.81	57.0	0.14	3.30	43.7	1.9
9900x2750	0.04	3.4	0.151	0.08	0.92	28.3	0.06	3.26	24.5	3.9
9900x2850	<0.01	1.8	0.084	0.09	0.93	23.4	0.07	3.04	24.7	1.2
9900x2950	0.02	1.0	0.098	0.11	1.15	53.5	0.18	4.16	61.9	1.2
9900x3050	0.02	3.5	0.033	0.14	1.26	36.0	0.11	3.20	58.8	3.5
9900x3150	0.02	3.5	0.060	0.14	1.09	31.0	0.18	2.91	50.9	1.9
9900x3250	0.03	2.6	0.056	0.16	2.03	44.2	0.14	4.98	91.2	1.6
9900x3350	<0.01	2.6	0.147	0.11	1.02	42.5	0.12	3.23	34.4	2.5
9900x3450	0.01	2.6	0.139	0.11	0.79	70.8	0.16	2.51	32.6	3.8
9900x3550	<0.01	1.5	0.084	0.11	0.73	48.9	0.09	1.84	20.8	1.5
0000x2650	<0.01	3.2	0.102	0.08	0.85	30.1	0.10	2.56	27.9	1.7
0000x2750	0.01	4.0	0.117	0.06	1.01	53.0	0.15	3.56	50.3	3.6
0000x2850	<0.01	1.7	0.110	0.08	0.97	23.5	0.07	3.24	21.0	1.6
0000x2950	<0.01	2.3	0.122	0.08	0.76	24.5	0.05	2.92	24.6	2.0
0000x3050	0.02	4.1	0.076	0.13	1.20	40.6	0.16	2.82	37.7	1.9
0000x3150	0.02	2.3	0.121	0.19	1.42	67.2	0.20	3.67	100	1.0
0000x3250	<0.01	1.1	0.105	0.07	0.92	43.9	0.07	1.77	48.7	2.8
0000x3350	0.02	2.2	0.094	0.07	1.71	45.6	0.17	4.27	56.3	1.4
0000x3450	<0.01	0.7	0.048	0.08	0.52	18.4	0.05	1.56	13.5	1.0
0000x3550	<0.01	1.6	0.054	0.16	0.72	29.8	0.09	1.71	13.3	1.0
0000x3600	0.42	1.6	0.076	0.14	0.46	64.8	14.8	8.39	91.8	6.3
0124x2669	0.02	1.4	0.085	0.07	3.86	42.8	0.24	19.5	45.6	1.0
0100x2750	0.02	3.0	0.099	0.12	4.04	55.0	0.15	20.1	51.8	0.7
0100x2850	0.01	2.9	0.121	0.05	0.81	47.6	0.13	2.81	55.5	1.2

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
0100x2950	0.03	3.7	0.087	0.11	1.50	52.0	0.17	3.07	88.0	2.9
0100x3050	0.01	2.3	0.096	0.11	0.81	44.0	0.14	2.06	43.9	<0.5
0100x3150	0.03	0.8	0.054	0.18	1.19	42.9	0.22	2.67	44.5	<0.5
0100x3250	0.01	0.1	0.013	0.13	0.63	18.9	0.12	1.79	37.6	<0.5
0100x3350	<0.01	0.1	0.042	0.14	0.74	29.3	0.11	1.82	27.2	<0.5
0100x3450	0.01	0.8	0.099	0.10	4.02	66.0	0.14	7.33	96.5	<0.5
0100x3550	0.01	1.0	0.063	0.07	0.57	25.6	0.08	1.50	13.4	<0.5
0200x2750	0.01	3.4	0.141	0.10	2.44	58.4	0.14	9.17	45.9	1.3
0200x2850	0.01	5.0	0.115	0.06	1.20	45.9	0.17	3.58	58.7	2.5
0200x2950	0.03	3.3	0.078	0.15	1.32	41.2	0.15	2.60	93.6	2.5
0200x3050	0.01	3.9	0.089	0.09	0.93	48.0	0.13	2.50	60.8	2.4
0200x3150	0.02	1.0	0.035	0.17	1.12	36.5	0.14	2.19	41.0	<0.5
0200x3250	<0.01	0.1	0.029	0.11	1.38	22.6	0.08	2.22	43.3	<0.5
0200x3350	0.01	1.5	0.135	0.05	0.68	46.7	0.14	2.14	42.7	0.8
0200x3450	0.02	4.5	0.121	0.07	1.69	60.0	0.18	3.86	47.1	2.8
0200x3550	0.01	2.6	0.151	0.08	0.89	54.7	0.15	4.24	17.9	2.5
0300x2850	0.02	3.4	0.111	0.75	1.94	48.2	0.18	4.17	226	1.2
0300x2950	<0.01	4.0	0.100	0.09	1.35	44.1	0.16	3.85	78.7	1.5
0300x3050	0.03	3.6	0.060	0.12	1.03	40.6	0.14	2.80	41.2	2.2
0300x3150	0.04	3.3	0.069	0.25	1.42	56.5	0.17	2.89	102	2.7
0300x3250	<0.01	0.1	0.037	0.11	1.00	29.0	0.11	1.93	31.9	<0.5
0300x3300	0.02	1.2	0.157	0.06	0.38	58.6	23.8	8.34	37.7	9.0
0300x3350	<0.01	0.8	0.082	0.10	0.85	33.7	0.13	2.26	35.4	<0.5
0300x3450	0.01	1.2	0.107	0.09	0.91	52.3	0.16	2.72	32.6	<0.5
0300x3550	0.01	1.7	0.119	0.06	6.99	55.9	0.16	11.0	29.8	1.1
0234x2726	0.01	1.4	0.104	0.06	1.73	48.9	0.13	4.80	44.5	<0.5
0260x2765	0.02	0.9	0.029	0.16	132	34.9	0.13	54.1	85.5	5.6
70650x95250	0.01	1.5	<0.005	0.99	12.6	27.0	0.12	30.2	142	<0.5
70650x95300	<0.01	1.5	0.083	0.14	0.76	28.5	0.13	2.49	34.9	<0.5
70650x95350	<0.01	0.6	0.081	0.14	0.62	31.9	0.10	1.80	22.8	<0.5
70650x95400	<0.01	0.7	0.077	0.14	0.67	44.2	0.09	1.82	30.6	<0.5
70650x95450	0.01	1.3	0.073	0.13	2.53	40.7	0.19	13.6	39.6	<0.5

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
70650x95500	0.01	0.5	0.018	0.24	14.3	34.1	0.13	24.5	81.3	<0.5
70650x95550	0.01	1.2	0.047	0.17	14.9	42.3	0.14	18.9	56.1	<0.5
70750x95250	<0.01	1.6	0.021	0.15	0.98	15.1	0.12	2.54	28.5	<0.5
70750x95300	<0.01	2.1	0.017	0.27	0.79	29.7	0.14	1.38	38.0	<0.5
70750x95350	0.01	1.7	0.065	0.14	0.66	37.5	0.14	2.49	42.9	<0.5
70750x95400	<0.01	0.3	0.062	0.14	0.63	31.4	0.11	1.67	30.4	<0.5
70750x95450	0.02	1.2	0.138	0.10	0.64	56.7	0.19	2.95	47.4	0.6
70750x95500	<0.01	0.1	0.022	0.13	0.52	22.5	0.11	1.44	32.7	<0.5
70750x95550	0.02	2.5	0.090	0.12	0.63	41.7	0.11	1.73	24.2	1.9
70850x95300	<0.01	0.4	0.015	0.21	4.71	43.4	0.14	12.9	101	<0.5
70850x95350	<0.01	0.9	0.025	0.10	3.64	28.1	0.13	7.24	53.4	<0.5
70850x95400	<0.01	0.9	0.057	0.08	0.65	45.8	0.10	1.42	42.4	<0.5
70850x95450	<0.01	1.8	0.152	0.08	0.65	40.9	0.10	2.57	32.8	1.3
70850x95500	<0.01	0.9	0.072	0.08	0.72	35.2	0.10	2.44	35.3	0.6
70850x95550	0.02	2.4	0.052	0.12	0.82	48.0	0.17	2.58	56.6	0.9
70850x95600	0.37	1.4	0.079	0.13	0.40	65.9	13.2	7.33	88.0	5.7
70950x95300	0.01	1.0	0.090	0.10	0.79	47.4	0.12	2.37	42.0	0.6
70950x95350	<0.01	0.8	0.071	0.08	0.73	39.6	0.11	3.25	43.3	<0.5
70950x95400	<0.01	0.6	0.015	0.13	0.80	24.7	0.12	4.25	54.6	<0.5
70950x95450	<0.01	0.6	0.017	0.13	0.55	19.0	0.08	1.50	25.9	<0.5
70950x95500	0.01	1.5	<0.005	0.47	15.4	33.9	0.10	29.3	188	1.0
70950x95550	<0.01	<0.1	0.007	0.18	0.57	18.1	0.06	1.26	29.4	<0.5
70950x95600	0.01	2.2	0.039	0.13	0.89	34.7	0.11	2.52	77.0	<0.5
70950x95650	<0.01	1.3	0.079	0.16	0.62	43.1	0.12	1.62	23.8	<0.5
70950x95700	<0.01	1.2	0.088	0.10	1.96	39.1	0.12	8.05	46.2	0.5
70950x95750	<0.01	1.5	0.057	0.12	0.61	34.1	0.10	1.53	31.1	0.7
70950x95800	<0.01	0.8	0.049	0.12	0.57	35.0	0.11	1.31	31.4	<0.5
70950x95850	<0.01	<0.1	0.025	0.16	0.46	25.3	0.07	1.20	28.0	<0.5
70950x95900	0.01	3.8	0.059	0.14	0.85	40.0	0.16	2.10	58.9	5.5
70950x95950	0.01	0.9	0.041	0.16	0.67	30.5	0.14	1.95	39.5	0.9
70950x96000	0.01	0.5	<0.005	0.37	13.4	20.5	0.09	19.6	102	1.2
70950x96050	<0.01	0.7	0.011	0.40	20.9	23.2	0.09	39.4	105	2.0

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
RDL:	0.01	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
71050x95350	0.01	2.5	0.051	0.12	1.00	43.9	0.18	2.80	52.3	1.1
71050x95400	<0.01	0.7	0.021	0.13	0.46	18.9	0.08	1.00	19.1	<0.5
71050x95450	<0.01	3.1	0.029	0.14	0.61	21.0	0.11	1.63	22.0	0.5
71050x95500	0.01	0.6	0.056	0.10	1.96	41.5	0.11	4.59	47.2	<0.5
71050x95550	<0.01	1.7	0.066	0.18	0.72	35.0	0.09	1.73	31.1	<0.5
71050x95600	<0.01	0.6	0.047	0.12	0.44	18.5	0.06	1.35	26.0	<0.5
71050x95650	<0.01	1.1	0.043	0.17	0.71	42.4	0.10	1.34	51.5	<0.5
71050x95675	0.02	1.1	0.148	0.05	0.32	57.3	21.6	7.65	41.4	8.2
71050x95700	0.02	1.4	0.050	0.12	0.54	40.2	0.29	1.48	30.2	0.6
71050x95750	<0.01	1.5	0.068	0.12	0.80	35.5	0.12	2.47	68.3	0.5
71050x95800	0.03	0.7	0.069	0.17	0.88	42.5	0.10	11.9	75.5	<0.5
71050x95850	0.01	2.0	0.038	0.13	0.62	30.2	0.14	1.86	95.1	0.6
71050x95900	0.01	3.1	0.037	0.12	0.84	39.4	0.18	2.22	47.1	1.9
71050x95950	0.02	2.9	0.041	0.18	0.67	47.8	0.15	1.78	54.7	2.0
71050x96000	0.01	2.5	0.087	0.11	0.67	46.3	0.16	2.76	41.3	1.1
71050x96050	0.02	3.1	0.065	0.10	1.05	36.5	0.18	2.99	55.5	1.8
71150x95600	0.01	1.4	0.067	0.17	0.63	38.2	0.09	1.65	30.0	<0.5
71150x95650	0.01	2.6	0.054	0.14	0.93	35.3	0.14	2.66	55.9	0.9
71150x95700	<0.01	2.1	0.049	0.14	0.57	30.9	0.08	1.32	20.8	0.6
71250x94700	0.01	3.2	0.065	0.16	0.89	31.8	0.17	2.91	83.6	0.9
71250x94750	<0.01	3.3	0.042	0.21	0.75	28.7	0.13	2.43	65.7	0.8
71250x94800	<0.01	0.9	0.056	0.13	0.66	20.5	0.10	2.38	45.4	<0.5
71250x95650	<0.01	1.6	0.076	0.12	0.48	26.7	0.08	1.38	24.4	<0.5
71250x95700	<0.01	2.5	0.092	0.11	0.67	39.7	0.12	2.47	48.2	0.9
71250x95750	<0.01	2.4	0.062	0.16	0.62	30.1	0.09	1.75	51.6	0.7
71350x94550	0.02	0.6	0.010	0.33	59.9	51.0	0.13	12.1	140	1.4
71350x94600	<0.01	0.7	0.060	0.14	1.06	23.4	0.08	2.21	72.4	<0.5
71350x94650	<0.01	1.3	0.097	0.05	0.43	37.4	0.10	1.31	64.5	1.1
71350x94700	0.02	2.6	0.112	0.13	0.73	37.7	0.13	2.67	121	1.9
71350x94750	0.01	3.0	0.092	0.15	0.97	34.5	0.13	3.25	118	0.6
71350x94800	0.01	3.8	0.111	0.13	1.06	41.9	0.17	4.32	95.8	5.5
71350x95750	0.02	2.6	0.100	0.10	0.73	49.4	0.14	2.93	54.6	1.0

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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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: Jul 21, 2011

DATE RECEIVED: Jul 20, 2011

DATE REPORTED: Sep 07, 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
71350x95800		0.01	2.5	0.099	0.12	0.60	55.7	0.10	2.60	75.1	1.4
71350x95850		0.42	1.6	0.079	0.14	0.44	68.0	14.6	8.24	89.0	6.4
71450x94550		0.04	1.9	0.059	0.15	0.85	55.8	0.24	2.47	79.5	1.0
71450x94600		0.02	0.1	0.045	0.11	0.79	36.4	0.11	2.24	97.1	<0.5
71450x94650		<0.01	0.4	0.034	0.11	0.53	23.4	0.09	1.51	37.7	<0.5
71450x94700		0.01	0.2	0.019	0.11	0.63	25.7	0.08	3.48	60.8	<0.5
71450x94750		0.03	1.9	0.020	0.17	4.90	201	0.16	36.4	93.4	0.9
71450x94800		0.01	1.5	0.076	0.09	0.47	57.6	0.09	2.35	62.4	0.6
71450x95700		0.01	2.2	0.127	0.08	0.77	52.1	0.14	3.64	95.1	0.8
71450x95750		0.02	2.8	0.122	0.06	0.75	52.0	0.15	3.66	112	3.0
71450x95800		0.01	2.4	0.067	0.11	0.80	46.5	0.13	2.68	99.4	1.3
71550x94650		0.01	1.3	0.046	0.10	0.77	44.7	0.13	2.58	90.6	<0.5
71550x94700		0.02	0.9	0.084	0.13	0.72	52.9	0.11	2.04	62.7	0.5
71550x94750		0.01	0.8	0.008	0.19	27.1	30.0	0.12	116	120	0.6

Comments: RDL - Reported Detection Limit
Updated copy - changed reporting unit for Au from ppm to ppb (9/7/2011).

Certified By:

Ron Cardinal



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis												
RPT Date: Sep 07, 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	2559275	0.05	0.05	0.0%	< 0.01	0.4	0.4	96%	80%	120%	
Al	1	2559275	1.39	1.50	7.6%	< 0.01				80%	120%	
As	1	2559275	2.6	2.6	0.0%	0.4				80%	120%	
Au	1	2559275	< 0.01	< 0.01	0.0%	< 0.01	0.04	0.03	122%	80%	120%	
B	1	2559275	< 5	< 5	0.0%	< 5	6.39	7.00	91%	80%	120%	
Ba	1	2559275	90	85	5.7%	< 1	166	192	86%	80%	120%	
Be	1	2559275	0.426	0.420	1.4%	< 0.05	0.5	0.4	123%	80%	120%	
Bi	1	2559275	0.11	0.11	0.0%	< 0.01	0.17	0.18	93%	80%	120%	
Ca	1	2559275	0.13	0.14	7.4%	< 0.01	0.31	0.35	88%	80%	120%	
Cd	1	2559275	0.10	0.10	0.0%	< 0.01	0.1	0.10	100%	80%	120%	
Ce	1	2559275	27.3	28.3	3.6%	0.02	42	35	119%	80%	120%	
Co	1	2559275	3.6	3.7	2.7%	< 0.1				80%	120%	
Cr	1	2559275	11.2	12.3	9.4%	< 0.5				80%	120%	
Cs	1	2559275	1.25	1.37	9.2%	< 0.05				80%	120%	
Cu	1	2559275	8.6	8.4	2.4%	< 0.1				80%	120%	
Fe	1	2559275	1.75	1.87	6.6%	< 0.01				80%	120%	
Ga	1	2559275	4.76	5.08	6.5%	< 0.05				80%	120%	
Ge	1	2559275	0.09	0.09	0.0%	0.08				80%	120%	
Hf	1	2559275	0.02	0.02	0.0%	< 0.02				80%	120%	
Hg	1	2559275	0.04	0.04	0.0%	< 0.01				80%	120%	
In	1	2559275	0.0140	0.0149	6.2%	< 0.005				80%	120%	
K	1	2559275	0.042	0.047	11.2%	< 0.01				80%	120%	
La	1	2559275	12.7	13.1	3.1%	< 0.1	20	17	117%	80%	120%	
Li	1	2559275	4.9	5.0	2.0%	< 0.1				80%	120%	
Mg	1	2559275	0.125	0.128	2.4%	< 0.01				80%	120%	
Mn	1	2559275	237	254	6.9%	< 1				80%	120%	
Mo	1	2559275	0.72	0.70	2.8%	< 0.05				80%	120%	
Na	1	2559275	0.01	0.01	0.0%	< 0.01				80%	120%	
Nb	1	2559275	1.60	1.64	2.5%	< 0.05				80%	120%	
Ni	1	2559275	2.94	3.18	7.8%	< 0.2				80%	120%	
P	1	2559275	418	425	1.7%	< 10	474	600	79%	80%	120%	
Pb	1	2559275	7.64	7.75	1.4%	< 0.1	22	21	103%	80%	120%	
Rb	1	2559275	7.23	7.98	9.9%	< 0.1				80%	120%	
Re	1	2559275	< 0.001	< 0.001	0.0%	< 0.001				80%	120%	
S	1	2559275	0.0118	0.0113	4.3%	< 0.005				80%	120%	
Sb	1	2559275	0.24	0.25	4.1%	< 0.05				80%	120%	
Sc	1	2559275	1.7	1.8	5.7%	< 0.1				80%	120%	
Se	1	2559275	< 0.2	< 0.2	0.0%	< 0.2	0.9	0.8	115%	80%	120%	
Sn	1	2559275	0.5	0.5	0.0%	< 0.2				80%	120%	
Sr	1	2559275	12.1	11.9	1.7%	< 0.2	212	280	76%	80%	120%	
Ta	1	2559275	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Te	1	2559275	0.01	0.01	0.0%	< 0.01				80%	120%	
Th	1	2559275	2.53	2.60	2.7%	< 0.1				80%	120%	
Ti	1	2559275	0.0995	0.115	14.5%	< 0.005				80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)												
RPT Date: Sep 07, 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	2559275	0.09	0.10	10.5%	< 0.02				80%	120%	
U	1	2559275	0.57	0.59	3.4%	< 0.05				80%	120%	
V	1	2559275	43.6	46.8	7.1%	< 0.5				80%	120%	
W	1	2559275	0.13	0.13	0.0%	< 0.05				80%	120%	
Y	1	2559275	3.35	3.25	3.0%	< 0.05	9	7	129%	80%	120%	
Zn	1	2559275	35.6	38.8	8.6%	< 0.5	126	173	73%	80%	120%	
Zr	1	2559275	1.3	1.2	8.0%	< 0.5				80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)												
Ag	1	2559282	0.04	0.04	0.0%	< 0.01				80%	120%	
Al	1	2559282	0.81	0.80	1.2%	< 0.01				80%	120%	
As	1	2559282	1.8	1.8	0.0%	0.4				80%	120%	
Au	1	2559282	< 0.01	< 0.01	0.0%	< 0.01	0.04	0.03	129%	80%	120%	
B	1	2559282	< 5	< 5	0.0%	< 5	5.54	7.00	79%	80%	120%	
Ba	1	2559282	50	52	3.9%	< 1	161	192	84%	80%	120%	
Be	1	2559282	0.28	0.28	0.0%	< 0.05				80%	120%	
Bi	1	2559282	0.07	0.07	0.0%	< 0.01	0.17	0.18	96%	80%	120%	
Ca	1	2559282	0.328	0.319	2.8%	< 0.01	0.28	0.35	79%	80%	120%	
Cd	1	2559282	0.04	0.04	0.0%	< 0.01				80%	120%	
Ce	1	2559282	21.5	22.1	2.8%	< 0.01	43	35	123%	80%	120%	
Co	1	2559282	2.72	2.77	1.8%	< 0.1				80%	120%	
Cr	1	2559282	11.1	10.6	4.6%	< 0.5				80%	120%	
Cs	1	2559282	1.20	1.17	2.5%	< 0.05				80%	120%	
Cu	1	2559282	6.30	5.14	20.3%	< 0.1				80%	120%	
Fe	1	2559282	1.05	1.02	2.9%	< 0.01				80%	120%	
Ga	1	2559282	3.56	3.63	1.9%	< 0.05				80%	120%	
Ge	1	2559282	0.09	0.09	0.0%	0.09				80%	120%	
Hf	1	2559282	0.03	< 0.02		< 0.02				80%	120%	
Hg	1	2559282	0.01	0.01	0.0%	< 0.01				80%	120%	
In	1	2559282	0.013	0.013	0.0%	< 0.005				80%	120%	
K	1	2559282	0.03	0.03	0.0%	< 0.01				80%	120%	
La	1	2559282	11.4	11.9	4.3%	< 0.1	21	17	122%	80%	120%	
Li	1	2559282	5.6	5.6	0.0%	< 0.1				80%	120%	
Mg	1	2559282	0.15	0.15	0.0%	< 0.01	0.127	0.098	129%	80%	120%	
Mn	1	2559282	154	148	4.0%	< 1				80%	120%	
Mo	1	2559282	0.67	0.46		< 0.05				80%	120%	
Na	1	2559282	0.01	0.01	0.0%	< 0.01				80%	120%	
Nb	1	2559282	1.59	1.57	1.3%	< 0.05				80%	120%	
Ni	1	2559257	2.59	2.96	13.3%	< 0.2				80%	120%	
P	1	2559282	304	285	6.5%	< 10				80%	120%	
Pb	1	2559282	6.34	6.37	0.5%	< 0.1				80%	120%	
Rb	1	2559282	5.2	5.2	0.0%	< 0.1				80%	120%	
Re	1	2559282	< 0.001	< 0.001	0.0%	< 0.001				80%	120%	
S	1	2559282	0.0095	0.0100	5.1%	< 0.005				80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)												
RPT Date: Sep 07, 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	2559282	0.17	0.17	0.0%	< 0.05				80%	120%	
Sc	1	2559282	2.1	2.1	0.0%	< 0.1				80%	120%	
Se	1	2559282	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Sn	1	2559282	0.5	0.5	0.0%	< 0.2				80%	120%	
Sr	1	2559282	22.1	22.7	2.7%	< 0.2				80%	120%	
Ta	1	2559282	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Te	1	2559282	0.01	< 0.01		< 0.01				80%	120%	
Th	1	2559282	1.72	1.75	1.7%	< 0.1				80%	120%	
Ti	1	2559282	0.151	0.147	2.7%	< 0.005				80%	120%	
Tl	1	2559282	0.05	0.05	0.0%	< 0.02				80%	120%	
U	1	2559282	1.38	1.40	1.4%	< 0.05				80%	120%	
V	1	2559282	38.4	37.4	2.6%	< 0.5				80%	120%	
W	1	2559282	0.11	0.11	0.0%	< 0.05				80%	120%	
Y	1	2559282	5.22	5.22	0.0%	< 0.05	9	7	128%	80%	120%	
Zn	1	2559282	23.9	18.3	26.5%	< 0.5	162	173	94%	80%	120%	
Zr	1	2559282	0.63	0.66	4.7%	< 0.5				80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)												
Ag	1	2559301	0.05	0.05	0.0%	< 0.01	0.4	0.4	99%	80%	120%	
Al	1	2559301	0.782	0.826	5.5%	< 0.01				80%	120%	
As	1	2559301	1.7	1.7	0.0%	< 0.1				80%	120%	
Au	1	2559301	< 0.01	< 0.01	0.0%	< 0.01	0.03	0.03	99%	80%	120%	
B	1	2559301	< 5	< 5	0.0%	< 5	6.9	7.00	99%	80%	120%	
Ba	1	2559301	74	76	2.7%	< 1	147	192	76%	80%	120%	
Be	1	2559301	0.234	0.240	2.5%	< 0.05				80%	120%	
Bi	1	2559301	0.07	0.07	0.0%	< 0.01	0.17	0.18	95%	80%	120%	
Ca	1	2559301	0.33	0.35	5.9%	< 0.01	0.29	0.35	84%	80%	120%	
Cd	1	2559301	0.06	0.06	0.0%	< 0.01	0.08	0.10	82%	80%	120%	
Ce	1	2559301	19.4	20.4	5.0%	< 0.01				80%	120%	
Co	1	2559301	3.03	3.15	3.9%	< 0.1				80%	120%	
Cr	1	2559301	11.0	11.7	6.2%	< 0.5				80%	120%	
Cs	1	2559301	2.04	2.11	3.4%	< 0.05				80%	120%	
Cu	1	2559301	6.0	6.3	4.9%	< 0.1				80%	120%	
Fe	1	2559301	1.25	1.29	3.1%	< 0.01				80%	120%	
Ga	1	2559301	2.99	3.14	4.9%	< 0.05				80%	120%	
Ge	1	2559301	0.106	0.090	16.3%	< 0.05				80%	120%	
Hf	1	2559301	0.04	0.04	0.0%	< 0.02				80%	120%	
Hg	1	2559301	0.01	0.01	0.0%	< 0.01				80%	120%	
In	1	2559301	0.012	0.012	0.0%	< 0.005				80%	120%	
K	1	2559301	0.03	0.03	0.0%	< 0.01				80%	120%	
La	1	2559301	9.3	10.9	15.8%	< 0.1	20.6	22.3	92%	80%	120%	
Li	1	2559301	7.10	7.49	5.3%	< 0.1				80%	120%	
Mg	1	2559301	0.21	0.21	0.0%	< 0.01				80%	120%	
Mn	1	2559301	147	157	6.6%	< 1				80%	120%	
Mo	1	2559301	0.32	0.32	0.0%	< 0.05				80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)												
RPT Date: Sep 07, 2011		REPLICATE					Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
							Lower			Upper		
Na	1	2559301	0.015	0.015	0.0%	< 0.01				80%	120%	
Nb	1	2559301	1.27	1.35	6.1%	< 0.05				80%	120%	
Ni	1	2559301	3.40	3.57	4.9%	< 0.2				80%	120%	
P	1	2559301	413	445	7.5%	< 10				80%	120%	
Pb	1	2559301	6.2	6.3	1.6%	< 0.1	21	21	100%	80%	120%	
Rb	1	2559301	5.1	5.2	1.9%	< 0.1				80%	120%	
Re	1	2559301	< 0.001	< 0.001	0.0%	< 0.001				80%	120%	
S	1	2559301	0.009	0.009	0.0%	< 0.005				80%	120%	
Sb	1	2559301	0.160	0.165	3.1%	< 0.05				80%	120%	
Sc	1	2559301	2.0	2.1	4.9%	< 0.1				80%	120%	
Se	1	2559301	< 0.2	< 0.2	0.0%	< 0.2	0.8	0.8	95%	80%	120%	
Sn	1	2559301	0.4	0.4	0.0%	< 0.2				80%	120%	
Sr	1	2559301	21.2	21.3	0.5%	< 0.2				80%	120%	
Ta	1	2559301	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Te	1	2559301	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Th	1	2559301	1.70	1.79	5.2%	< 0.1				80%	120%	
Ti	1	2559301	0.134	0.140	4.4%	< 0.005				80%	120%	
Tl	1	2559301	0.04	0.04	0.0%	< 0.02				80%	120%	
U	1	2559301	1.16	1.17	0.9%	< 0.05				80%	120%	
V	1	2559301	38.5	39.6	2.8%	< 0.5				80%	120%	
W	1	2559301	0.10	0.10	0.0%	< 0.05				80%	120%	
Y	1	2559301	4.68	4.83	3.2%	< 0.05		7		80%	120%	
Zn	1	2559301	22.1	23.4	5.7%	< 0.5	178	173	103%	80%	120%	
Zr	1	2559301	2.32	2.23	4.0%	< 0.5				80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)												
Ag	1	2559667	0.15	0.15	0.0%	< 0.01				80%	120%	
Al	1	2559667	1.48	1.47	0.7%	< 0.01				80%	120%	
As	1	2559667	3.7	3.5	5.6%	< 0.1				80%	120%	
Au	1	2559667	< 0.01	< 0.01	0.0%	< 0.01	0.04	0.03	125%	80%	120%	
B	1	2559667	< 5	< 5	0.0%	< 5	5.49	7.00	78%	80%	120%	
Ba	1	2559667	100	108	7.7%	< 1	169	192	88%	80%	120%	
Be	1	2559667	0.58	0.58	0.0%	< 0.05				80%	120%	
Bi	1	2559667	0.19	0.19	0.0%	< 0.01	0.2	0.18	112%	80%	120%	
Ca	1	2559667	0.295	0.311	5.3%	< 0.01				80%	120%	
Cd	1	2559667	0.161	0.171	6.0%	< 0.01				80%	120%	
Ce	1	2559667	23.6	23.3	1.3%	< 0.01	45	35	128%	80%	120%	
Co	1	2559667	4.8	4.9	2.1%	< 0.1				80%	120%	
Cr	1	2559667	26.1	26.1	0.0%	< 0.5				80%	120%	
Cs	1	2559667	6.60	6.29	4.8%	< 0.05				80%	120%	
Cu	1	2559667	32.1	28.6	11.5%	< 0.1				80%	120%	
Fe	1	2559667	2.24	2.22	0.9%	< 0.01				80%	120%	
Ga	1	2559667	8.48	8.32	1.9%	< 0.05				80%	120%	
Ge	1	2559667	0.094	0.096	2.1%	< 0.05				80%	120%	
Hf	1	2559667	< 0.02	< 0.02	0.0%	< 0.02				80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)												
RPT Date: Sep 07, 2011		REPLICATE					Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Hg	1	2559667	0.04	0.04	0.0%	< 0.01				80%	120%	
In	1	2559667	0.0231	0.0223	3.5%	< 0.005				80%	120%	
K	1	2559667	0.07	0.07	0.0%	< 0.01				80%	120%	
La	1	2559667	14.5	14.0	3.5%	< 0.1	21	17	123%	80%	120%	
Li	1	2559667	13.1	13.3	1.5%	< 0.1				80%	120%	
Mg	1	2559667	0.244	0.248	1.6%	< 0.01				80%	120%	
Mn	1	2559667	324	343	5.7%	< 1				80%	120%	
Mo	1	2559667	1.96	2.09	6.4%	< 0.05				80%	120%	
Na	1	2559667	0.01	0.01	0.0%	< 0.01				80%	120%	
Nb	1	2559667	0.97	0.97	0.0%	< 0.05				80%	120%	
Ni	1	2559667	10.1	10.9	7.6%	< 0.2				80%	120%	
P	1	2559667	435	446	2.5%	< 10				80%	120%	
Pb	1	2559667	9.6	9.6	0.0%	< 0.1				80%	120%	
Rb	1	2559667	18.4	18.3	0.5%	< 0.1				80%	120%	
Re	1	2559667	< 0.001	< 0.001	0.0%	< 0.001				80%	120%	
S	1	2559667	0.020	0.022	9.5%	< 0.005				80%	120%	
Sb	1	2559667	0.66	0.65	1.5%	< 0.05				80%	120%	
Sc	1	2559667	2.26	2.14	5.5%	< 0.1				80%	120%	
Se	1	2559667	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Sn	1	2559667	1.0	1.0	0.0%	< 0.2				80%	120%	
Sr	1	2559667	21.5	22.6	5.0%	< 0.2				80%	120%	
Ta	1	2559667	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Te	1	2559667	0.01	< 0.01		< 0.01				80%	120%	
Th	1	2559667	0.3	0.3	0.0%	< 0.1				80%	120%	
Ti	1	2559667	0.054	0.052	3.8%	< 0.005				80%	120%	
Tl	1	2559667	0.11	0.11	0.0%	< 0.02				80%	120%	
U	1	2559667	1.13	1.02	10.2%	< 0.05				80%	120%	
V	1	2559667	57.5	54.3	5.7%	< 0.5				80%	120%	
W	1	2559667	0.20	0.21	4.9%	< 0.05				80%	120%	
Y	1	2559667	5.10	4.99	2.2%	< 0.05	8	7	118%	80%	120%	
Zn	1	2559667	77.5	80.1	3.3%	< 0.5				80%	120%	
Zr	1	2559667	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)												
Ag	1	2560050	0.052	0.059	12.6%	0.01				80%	120%	
Al	1	2559312	0.966	0.937	3.0%	< 0.01				80%	120%	
As	1	2560050	2.64	2.79	5.5%	< 0.1				80%	120%	
Au	1	2560050	< 0.01	< 0.01	0.0%	< 0.01	0.03	0.03	103%	80%	120%	
B	1	2560050	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	2559312	81	79	2.5%	< 1	158	192	82%	80%	120%	
Be	1	2560050	0.24	0.26	8.0%	< 0.05				80%	120%	
Bi	1	2560050	0.13	0.13	0.0%	< 0.01	0.15	0.18	86%	80%	120%	
Ca	1	2559312	0.173	0.163	6.0%	< 0.01	0.3	0.35	87%	80%	120%	
Cd	1	2560050	0.05	0.05	0.0%	< 0.01	0.07	0.10	71%	80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)											
RPT Date: Sep 07, 2011			REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Ce	1	2560050	15.8	17.2	8.5%	< 0.01			80%	120%	
Co	1	2560050	3.6	3.7	2.7%	< 0.1			80%	120%	
Cr	1	2559312	10.8	11.0	1.8%	< 0.5			80%	120%	
Cs	1	2560050	1.34	1.61	18.3%	< 0.05			80%	120%	
Cu	1	2559312	6.9	6.5	6.0%	< 0.1			80%	120%	
Fe	1	2559312	1.40	1.37	2.2%	< 0.01			80%	120%	
Ga	1	2560050	4.77	5.28	10.1%	< 0.05			80%	120%	
Ge	1	2560050	< 0.05	< 0.05	0.0%	< 0.05			80%	120%	
Hf	1	2560050	0.04	0.04	0.0%	< 0.02			80%	120%	
Hg	1	2560050	0.03	0.03	0.0%	< 0.01			80%	120%	
In	1	2560050	0.0161	0.0169	4.8%	< 0.005			80%	120%	
K	1	2559312	0.03	0.03	0.0%	< 0.01			80%	120%	
La	1	2560050	9.23	10.0	8.0%	< 0.1	15.7	22.3	70%	80%	
Li	1	2560050	8.1	8.5	4.8%	< 0.1			80%	120%	
Mg	1	2559312	0.18	0.17	5.7%	< 0.01			80%	120%	
Mn	1	2559312	143	141	1.4%	< 1			80%	120%	
Mo	1	2560050	0.863	0.948	9.4%	< 0.05			80%	120%	
Na	1	2559312	0.01	0.01	0.0%	< 0.01			80%	120%	
Nb	1	2560050	1.72	2.02	16.0%	< 0.05			80%	120%	
Ni	1	2559646	8.27	8.09	2.2%	< 0.2			80%	120%	
P	1	2559312	242	246	1.6%	< 10			80%	120%	
Pb	1	2560050	11.1	11.3	1.8%	< 0.1	18	21	84%	80%	
Rb	1	2560050	7.9	9.7	20.5%	< 0.1			80%	120%	
Re	1	2560050	< 0.001	< 0.001	0.0%	< 0.001			80%	120%	
S	1	2559312	0.0088	0.0082	7.1%	< 0.005			80%	120%	
Sb	1	2560050	0.28	0.31	10.2%	< 0.05			80%	120%	
Sc	1	2560050	2.0	2.3	14.0%	< 0.1			80%	120%	
Se	1	2560050	< 0.2	< 0.2	0.0%	< 0.2			80%	120%	
Sn	1	2560050	0.49	0.57	15.1%	< 0.2			80%	120%	
Sr	1	2559646	12.8	12.3	4.0%	< 0.2			80%	120%	
Ta	1	2560050	< 0.01	< 0.01	0.0%	< 0.01			80%	120%	
Te	1	2560050	0.02	0.02	0.0%	< 0.01			80%	120%	
Th	1	2560050	2.0	2.0	0.0%	< 0.1			80%	120%	
Ti	1	2559312	0.136	0.130	4.5%	< 0.005			80%	120%	
Tl	1	2560050	0.062	0.071	13.5%	< 0.02			80%	120%	
U	1	2560050	0.63	0.66	4.7%	< 0.05			80%	120%	
V	1	2559312	40.3	40.0	0.7%	< 0.5			80%	120%	
W	1	2560050	0.120	0.147	20.2%	< 0.05			80%	120%	
Y	1	2560050	2.58	3.00	15.1%	< 0.05		7	80%	120%	
Zn	1	2559646	49.4	49.2	0.4%	2.1	166	173	96%	80%	
Zr	1	2560050	1.93	1.99	3.1%	< 0.5			80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2560062	0.17	0.17	0.0%	0.01			80%	120%	
Al	1	2559336	1.19	1.21	1.7%	< 0.01			80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)											
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
						Lower				Upper	
As	1	2560062	3.3	3.4	3.0%	< 0.1				80%	120%
Au	1	2560062	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
B	1	2560062	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2559336	58	59	1.7%	< 1	175	192	91%	80%	120%
Be	1	2560062	0.27	0.27	0.0%	< 0.05				80%	120%
Bi	1	2560062	0.13	0.13	0.0%	< 0.01				80%	120%
Ca	1	2559336	0.155	0.160	3.2%	< 0.01				80%	120%
Cd	1	2560062	0.094	0.101	7.2%	< 0.01				80%	120%
Ce	1	2560062	16.9	17.3	2.3%	< 0.01				80%	120%
Co	1	2560062	4.4	4.4	0.0%	< 0.1				80%	120%
Cr	1	2559336	19.5	20.1	3.0%	< 0.5				80%	120%
Cs	1	2560062	2.07	2.29	10.1%	< 0.05				80%	120%
Cu	1	2559336	7.3	7.7	5.3%	< 0.1				80%	120%
Fe	1	2559336	2.18	2.27	4.0%	< 0.01				80%	120%
Ga	1	2560062	6.81	6.98	2.5%	< 0.05				80%	120%
Ge	1	2560062	< 0.05	< 0.05	0.0%	< 0.05				80%	120%
Hf	1	2560062	0.05	0.05	0.0%	< 0.02				80%	120%
Hg	1	2560062	0.031	0.036	14.9%	< 0.01				80%	120%
In	1	2560062	0.020	0.021	4.9%	< 0.005				80%	120%
K	1	2559336	0.03	0.03	0.0%	< 0.01				80%	120%
La	1	2560062	9.6	9.8	2.1%	< 0.1	14	17	84%	80%	120%
Li	1	2560062	9.8	10.0	2.0%	< 0.1				80%	120%
Mg	1	2559336	0.123	0.129	4.8%	< 0.01				80%	120%
Mn	1	2559336	167	171	2.4%	< 1				80%	120%
Mo	1	2560062	0.705	0.728	3.2%	< 0.05				80%	120%
Na	1	2559336	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Nb	1	2560062	1.98	2.01	1.5%	< 0.05				80%	120%
Ni	1	2559695	2.8	2.8	0.0%	< 0.2				80%	120%
P	1	2559336	747	746	0.1%	< 10				80%	120%
Pb	1	2560062	11.7	11.6	0.9%	< 0.1				80%	120%
Rb	1	2560062	12.2	13.6	10.9%	< 0.1				80%	120%
Re	1	2560062	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
S	1	2559336	0.010	0.010	0.0%	< 0.005				80%	120%
Sb	1	2560062	0.265	0.294	10.4%	< 0.05				80%	120%
Sc	1	2560062	2.9	3.0	3.4%	< 0.1				80%	120%
Se	1	2560062	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Sn	1	2560062	0.6	0.6	0.0%	< 0.2				80%	120%
Sr	1	2559695	8.7	8.0	8.4%	< 0.2				80%	120%
Ta	1	2560062	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	2560062	0.02	0.02	0.0%	< 0.01				80%	120%
Th	1	2560062	2.1	2.1	0.0%	< 0.1				80%	120%
Ti	1	2559336	0.119	0.124	4.1%	< 0.005				80%	120%
Tl	1	2560062	0.093	0.102	9.2%	< 0.02				80%	120%
U	1	2560062	0.606	0.604	0.3%	< 0.05				80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
V	1	2559336	58.3	59.9	2.7%	< 0.5			80%	120%
W	1	2560062	0.144	0.148	2.7%	< 0.05			80%	120%
Y	1	2560062	3.37	3.52	4.4%	< 0.05	7		80%	120%
Zn	1	2559695	38.4	40.9	6.3%	< 0.5			80%	120%
Zr	1	2560062	2.4	2.4	0.0%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1	2560075	0.062	0.071	13.5%	0.03			80%	120%
Al	1	2559362	1.45	1.35	7.1%	< 0.01			80%	120%
As	1	2560075	1.69	1.62	4.2%	< 0.1			80%	120%
Au	1	2560075	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
B	1	2560075	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559362	61	59	3.3%	< 1			80%	120%
Be	1	2560075	0.23	0.23	0.0%	< 0.05			80%	120%
Bi	1	2560075	0.17	0.17	0.0%	< 0.01			80%	120%
Ca	1	2559362	0.21	0.20	4.9%	< 0.01			80%	120%
Cd	1	2560075	0.04	0.04	0.0%	< 0.01			80%	120%
Ce	1	2560075	21.4	21.6	0.9%	< 0.01			80%	120%
Co	1	2560075	2.0	2.0	0.0%	< 0.1			80%	120%
Cr	1	2559362	21.7	20.0	8.2%	< 0.5			80%	120%
Cs	1	2560075	3.48	3.74	7.2%	< 0.05			80%	120%
Cu	1	2559362	8.30	7.93	4.6%	< 0.1			80%	120%
Fe	1	2559362	2.68	2.46	8.6%	< 0.01			80%	120%
Ga	1	2560075	4.22	4.58	8.2%	< 0.05			80%	120%
Ge	1	2560075	< 0.05	< 0.05	0.0%	< 0.05			80%	120%
Hf	1	2560075	0.04	0.04	0.0%	< 0.02			80%	120%
Hg	1	2560075	0.012	0.016	28.6%	< 0.01			80%	120%
In	1	2560075	0.0136	0.0145	6.4%	< 0.005			80%	120%
K	1	2559362	0.04	0.04	0.0%	< 0.01			80%	120%
La	1	2560075	11.6	11.6	0.0%	< 0.1			80%	120%
Li	1	2560075	3.61	3.86	6.7%	< 0.1			80%	120%
Mg	1	2559362	0.199	0.190	4.6%	< 0.01			80%	120%
Mn	1	2559362	208	195	6.5%	< 1			80%	120%
Mo	1	2560075	0.615	0.630	2.4%	< 0.05			80%	120%
Na	1	2559362	0.01	0.01	0.0%	< 0.01			80%	120%
Nb	1	2560075	1.59	1.64	3.1%	< 0.05			80%	120%
Ni	1	2559717	7.6	7.1	6.8%	< 0.2			80%	120%
P	1	2559362	805	793	1.5%	< 10			80%	120%
Pb	1	2560075	11.6	11.3	2.6%	< 0.1			80%	120%
Rb	1	2560075	14.0	15.5	10.2%	< 0.1			80%	120%
Re	1	2560075	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2559362	0.011	0.011	0.0%	< 0.005			80%	120%
Sb	1	2560075	0.15	0.15	0.0%	< 0.05			80%	120%
Sc	1	2560075	1.7	1.9	11.1%	< 0.1			80%	120%
Se	1	2560075	< 0.2	< 0.2	0.0%	< 0.2			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 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	2560075	0.54	0.57	5.4%	< 0.2			80%	120%
Sr	1	2559717	17.0	14.9	13.2%	< 0.2			80%	120%
Ta	1	2560075	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Te	1	2560075	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Th	1	2560075	1.73	1.80	4.0%	< 0.1			80%	120%
Ti	1	2559362	0.138	0.127	8.3%	< 0.005			80%	120%
Tl	1	2560075	0.081	0.087	7.1%	< 0.02			80%	120%
U	1	2560075	1.13	1.15	1.8%	< 0.05			80%	120%
V	1	2559362	70.1	64.7	8.0%	< 0.5			80%	120%
W	1	2560075	0.09	0.09	0.0%	< 0.05			80%	120%
Y	1	2560075	3.45	3.61	4.5%	< 0.05		7	80%	120%
Zn	1	2559717	46.9	44.7	4.8%	< 0.5			80%	120%
Zr	1	2560075	1.44	1.52	5.4%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1	2560101	0.168	0.177	5.2%	0.06			80%	120%
Al	1	2559382	0.94	1.00	6.2%	< 0.01			80%	120%
As	1	2560101	0.61	0.55	10.3%	< 0.1			80%	120%
Au	1	2560101	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
B	1	2560101	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559382	56	63	11.8%	< 1			80%	120%
Be	1	2560101	0.445	0.444	0.2%	< 0.05			80%	120%
Bi	1	2560101	0.17	0.17	0.0%	< 0.01			80%	120%
Ca	1	2559382	0.182	0.196	7.4%	< 0.01			80%	120%
Cd	1	2560101	0.15	0.15	0.0%	< 0.01			80%	120%
Ce	1	2560101	20.6	21.1	2.4%	0.01			80%	120%
Co	1	2560101	1.0	1.0	0.0%	< 0.1			80%	120%
Cr	1	2559382	16.5	17.5	5.9%	< 0.5			80%	120%
Cs	1	2560101	2.51	2.67	6.2%	< 0.05			80%	120%
Cu	1	2559382	7.24	7.14	1.4%	< 0.1			80%	120%
Fe	1	2559382	1.99	2.05	3.0%	< 0.01			80%	120%
Ga	1	2560101	4.66	4.71	1.1%	< 0.05			80%	120%
Ge	1	2560101	< 0.05	< 0.05	0.0%	< 0.05			80%	120%
Hf	1	2560101	< 0.02	< 0.02	0.0%	< 0.02			80%	120%
Hg	1	2560101	0.03	0.03	0.0%	< 0.01			80%	120%
In	1	2560101	0.011	0.011	0.0%	< 0.005			80%	120%
K	1	2559382	0.05	0.05	0.0%	< 0.01			80%	120%
La	1	2560101	12.1	12.4	2.4%	< 0.1			80%	120%
Li	1	2560101	1.6	1.6	0.0%	< 0.1			80%	120%
Mg	1	2559382	0.15	0.16	6.5%	< 0.01			80%	120%
Mn	1	2559382	285	292	2.4%	< 1			80%	120%
Mo	1	2560101	0.557	0.550	1.3%	0.07			80%	120%
Na	1	2559873	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Nb	1	2560101	0.861	0.875	1.6%	< 0.05			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
Ni	1	2559743	4.57	4.96	8.2%	< 0.2			80%	120%
P	1	2559382	242	259	6.8%	< 10			80%	120%
Pb	1	2560101	11.5	11.6	0.9%	< 0.1			80%	120%
Rb	1	2560101	10.8	11.1	2.7%	< 0.1			80%	120%
Re	1	2560101	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2559382	0.0069	0.0075	8.3%	< 0.005			80%	120%
Sb	1	2560101	0.14	0.14	0.0%	< 0.05			80%	120%
Sc	1	2560101	1.0	1.0	0.0%	< 1.0			80%	120%
Se	1	2560101	< 0.2	< 0.2	0.0%	< 0.2			80%	120%
Sn	1	2560101	0.6	0.6	0.0%	< 0.2			80%	120%
Sr	1	2559743	12.2	15.0	20.6%	< 0.2			80%	120%
Ta	1	2560101	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Te	1	2560101	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Th	1	2560101	0.3	0.3	0.0%	< 0.1			80%	120%
Ti	1	2559382	0.105	0.114	8.2%	< 0.005			80%	120%
Tl	1	2560101	0.09	0.09	0.0%	< 0.02			80%	120%
U	1	2560101	1.62	1.62	0.0%	< 0.05			80%	120%
V	1	2559382	53.9	55.3	2.6%	< 0.5			80%	120%
W	1	2560101	0.08	0.08	0.0%	< 0.05			80%	120%
Y	1	2560101	4.69	4.79	2.1%	< 0.05		7	80%	120%
Zn	1	2559743	105	121	14.2%	< 0.5			80%	120%
Zr	1	2560101	< 0.5	< 0.5	0.0%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1	2560125	0.105	0.138	27.2%	< 0.01			80%	120%
Al	1	2559406	1.24	1.15	7.5%	< 0.01			80%	120%
As	1	2560125	0.82	0.90	9.3%	< 0.1			80%	120%
Au	1	2560125	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
B	1	2560125	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559406	49	47	4.2%	< 1			80%	120%
Be	1	2560125	0.16	0.17	6.1%	< 0.05			80%	120%
Bi	1	2560125	0.154	0.169	9.3%	< 0.01			80%	120%
Ca	1	2559406	0.18	0.17	5.7%	< 0.01			80%	120%
Cd	1	2560125	0.043	0.046	6.7%	< 0.01			80%	120%
Ce	1	2560125	19.7	22.3	12.4%	< 0.01			80%	120%
Co	1	2560125	1.23	1.39	12.2%	< 0.1			80%	120%
Cr	1	2559406	16.4	16.4	0.0%	< 0.5			80%	120%
Cs	1	2560125	1.45	1.94	28.9%	< 0.05			80%	120%
Cu	1	2559406	6.3	6.5	3.1%	< 0.1			80%	120%
Fe	1	2559406	1.81	1.76	2.8%	< 0.01			80%	120%
Ga	1	2560125	5.85	6.82	15.3%	< 0.05			80%	120%
Ge	1	2560125	< 0.05	< 0.05	0.0%	< 0.05			80%	120%
Hf	1	2560125	0.02	0.02	0.0%	< 0.02			80%	120%
Hg	1	2560125	0.03	0.04	28.6%	< 0.01			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
In	1	2560125	0.0122	0.0130	6.3%	< 0.005			80%	120%
K	1	2559406	0.062	0.055	12.0%	< 0.01			80%	120%
La	1	2560125	11.0	12.4	12.0%	< 0.1			80%	120%
Li	1	2560125	3.41	3.86	12.4%	< 0.1			80%	120%
Mg	1	2559406	0.141	0.132	6.6%	< 0.01			80%	120%
Mn	1	2559406	141	141	0.0%	< 1			80%	120%
Mo	1	2560125	1.84	2.23	19.2%	< 0.05			80%	120%
Na	1	2559880	0.07	0.07	0.0%	< 0.01			80%	120%
Nb	1	2560125	1.48	1.75	16.7%	< 0.05			80%	120%
Ni	1	2559406	5.3	5.1	3.8%	< 0.2			80%	120%
P	1	2559406	250	258	3.1%	< 10			80%	120%
Pb	1	2560125	9.6	10.5	9.0%	< 0.1			80%	120%
Rb	1	2560125	7.9	10.8		< 0.1			80%	120%
Re	1	2560125	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2559406	0.010	0.010	0.0%	< 0.005			80%	120%
Sb	1	2560125	0.144	0.169	16.0%	< 0.05			80%	120%
Sc	1	2560125	1.3	1.6	20.7%	< 0.1			80%	120%
Se	1	2560125	< 0.2	< 0.2	0.0%	< 0.2			80%	120%
Sn	1	2560125	0.6	0.7	15.4%	< 0.2			80%	120%
Sr	1	2559406	19.1	16.4	15.2%	1.5			80%	120%
Ta	1	2560125	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Te	1	2560125	0.01	< 0.01		< 0.01			80%	120%
Th	1	2560125	1.88	2.16	13.9%	< 0.1			80%	120%
Ti	1	2559406	0.144	0.131	9.5%	< 0.005			80%	120%
Tl	1	2560125	0.098	0.126	25.0%	< 0.02			80%	120%
U	1	2560125	0.764	0.898	16.1%	< 0.05			80%	120%
V	1	2559406	52.7	53.0	0.6%	< 0.5			80%	120%
W	1	2560125	0.08	0.09	11.8%	< 0.05			80%	120%
Y	1	2560125	2.22	2.68	18.8%	< 0.05		7	80%	120%
Zn	1	2559406	41.5	38.0	8.8%	< 0.5			80%	120%
Zr	1	2560125	0.74	0.76	2.7%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1	2560150	0.209	0.160	26.6%	0.03			80%	120%
Al	1	2559418	1.10	1.15	4.4%	< 0.01			80%	120%
As	1	2560150	4.3	4.0	7.2%	0.3			80%	120%
Au	1	2560150	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
B	1	2560150	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559418	75	77	2.6%	< 1			80%	120%
Be	1	2560150	0.308	0.291	5.7%	< 0.05			80%	120%
Bi	1	2560150	0.19	0.18	5.4%	< 0.01			80%	120%
Ca	1	2559418	0.22	0.23	4.4%	< 0.01			80%	120%
Cd	1	2560150	0.09	0.09	0.0%	< 0.01			80%	120%
Ce	1	2560150	21.5	19.7	8.7%	< 0.01			80%	120%
Co	1	2560150	2.6	2.4	8.0%	< 0.1			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
Cr	1	2559418	11.5	11.6	0.9%	< 0.5			80%	120%
Cs	1	2560150	5.62	5.05	10.7%	< 0.05			80%	120%
Cu	1	2559418	10.3	11.0	6.6%	< 0.1			80%	120%
Fe	1	2559418	1.43	1.45	1.4%	< 0.01			80%	120%
Ga	1	2560150	6.55	5.89	10.6%	< 0.05			80%	120%
Ge	1	2560150	< 0.05	< 0.05	0.0%	< 0.05			80%	120%
Hf	1	2560150	0.04	0.03	28.6%	< 0.02			80%	120%
Hg	1	2560150	0.045	0.043	4.5%	< 0.01			80%	120%
In	1	2560150	0.024	0.021	13.3%	< 0.005			80%	120%
K	1	2559418	0.05	0.05	0.0%	< 0.01			80%	120%
La	1	2560150	11.8	10.8	8.8%	< 0.1			80%	120%
Li	1	2560150	8.17	7.60	7.2%	< 0.1			80%	120%
Mg	1	2559418	0.14	0.14	0.0%	< 0.01			80%	120%
Mn	1	2559418	134	136	1.5%	< 1			80%	120%
Mo	1	2560150	1.76	1.66	5.8%	< 0.05			80%	120%
Na	1	2559418	0.01	0.01	0.0%	< 0.01			80%	120%
Nb	1	2560150	2.39	2.17	9.6%	< 0.05			80%	120%
Ni	1	2559898	5.56	4.77	15.3%	< 0.2			80%	120%
P	1	2559418	146	152	4.0%	< 10			80%	120%
Pb	1	2560150	9.7	9.1	6.4%	< 0.1			80%	120%
Rb	1	2560150	11.8	10.1	15.5%	< 0.1			80%	120%
Re	1	2560150	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2559418	0.007	0.007	0.0%	< 0.005			80%	120%
Sb	1	2560150	0.33	0.33	0.0%	< 0.05			80%	120%
Sc	1	2560150	1.9	1.7	11.1%	< 0.1			80%	120%
Se	1	2560150	< 0.2	< 0.2	0.0%	< 0.2			80%	120%
Sn	1	2560150	0.6	0.6	0.0%	< 0.2			80%	120%
Sr	1	2559418	19.5	19.8	1.5%	1.2			80%	120%
Ta	1	2560150	0.02	0.02	0.0%	< 0.01			80%	120%
Te	1	2560150	0.02	0.02	0.0%	< 0.01			80%	120%
Th	1	2560150	4.1	3.9	5.0%	< 0.1			80%	120%
Ti	1	2559418	0.128	0.137	6.8%	< 0.005			80%	120%
Tl	1	2560150	0.13	0.12	8.0%	< 0.02			80%	120%
U	1	2560150	1.20	1.10	8.7%	< 0.05			80%	120%
V	1	2559418	39.6	39.8	0.5%	< 0.5			80%	120%
W	1	2560150	0.163	0.170	4.2%	< 0.05			80%	120%
Y	1	2560150	2.82	2.41	15.7%	< 0.05		7	80%	120%
Zn	1	2559418	37.4	36.2	3.3%	0.9			80%	120%
Zr	1	2560150	1.9	1.5	23.5%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1	2560176	0.44	0.46	4.4%	< 0.01			80%	120%
Al	1	2559432	1.74	1.65	5.3%	< 0.01			80%	120%
As	1	2560176	35.9	35.4	1.4%	< 0.1			80%	120%
Au	1	2560176	< 0.01	< 0.01	0.0%	< 0.01			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
B	1	2560176	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559432	88	82	7.1%	< 1			80%	120%
Be	1	2560176	0.596	0.572	4.1%	< 0.05			80%	120%
Bi	1	2560176	0.35	0.35	0.0%	< 0.01			80%	120%
Ca	1	2559432	0.24	0.22	8.7%	< 0.01			80%	120%
Cd	1	2560176	0.60	0.60	0.0%	< 0.01			80%	120%
Ce	1	2560176	19.8	18.9	4.7%	< 0.01			80%	120%
Co	1	2560176	5.67	5.52	2.7%	< 0.1			80%	120%
Cr	1	2559432	21.9	20.5	6.6%	< 0.5			80%	120%
Cs	1	2560176	8.12	7.87	3.1%	< 0.05			80%	120%
Cu	1	2559432	14.5	13.7	5.7%	< 0.1			80%	120%
Fe	1	2559432	2.50	2.44	2.4%	< 0.01			80%	120%
Ga	1	2560176	5.34	5.03	6.0%	< 0.05			80%	120%
Ge	1	2560176	< 0.05	< 0.05	0.0%	< 0.05			80%	120%
Hf	1	2560176	0.02	0.02	0.0%	< 0.02			80%	120%
Hg	1	2560176	0.05	0.05	0.0%	< 0.01			80%	120%
In	1	2560176	0.0274	0.0281	2.5%	< 0.005			80%	120%
K	1	2559432	0.05	0.05	0.0%	< 0.01			80%	120%
La	1	2560176	10.1	9.7	4.0%	< 0.1			80%	120%
Li	1	2560176	10.7	10.4	2.8%	< 0.1			80%	120%
Mg	1	2559432	0.298	0.284	4.8%	< 0.01			80%	120%
Mn	1	2559432	273	254	7.2%	< 1			80%	120%
Mo	1	2560176	3.91	3.98	1.8%	< 0.05			80%	120%
Na	1	2559432	0.01	0.01	0.0%	< 0.01			80%	120%
Nb	1	2560176	1.76	1.77	0.6%	< 0.05			80%	120%
Ni	1	2559917	8.8	8.7	1.1%	< 0.2			80%	120%
P	1	2559432	559	540	3.5%	< 10			80%	120%
Pb	1	2560176	47.6	47.6	0.0%	< 0.1			80%	120%
Rb	1	2560176	25.2	24.6	2.4%	< 0.1			80%	120%
Re	1	2560176	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2559432	0.0125	0.0119	4.9%	< 0.005			80%	120%
Sb	1	2560176	2.20	2.22	0.9%	< 0.05			80%	120%
Sc	1	2560176	2.5	2.4	4.1%	< 0.1			80%	120%
Se	1	2560176	< 0.2	< 0.2	0.0%	< 0.2			80%	120%
Sn	1	2560176	0.7	0.7	0.0%	< 0.2			80%	120%
Sr	1	2559432	21.1	18.3	14.2%	< 0.2			80%	120%
Ta	1	2560176	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Te	1	2560176	0.02	0.02	0.0%	< 0.01			80%	120%
Th	1	2560176	3.4	3.4	0.0%	< 0.1			80%	120%
Ti	1	2559432	0.179	0.160	11.2%	< 0.005			80%	120%
Tl	1	2560176	0.745	0.733	1.6%	< 0.02			80%	120%
U	1	2560176	1.94	1.90	2.1%	< 0.05			80%	120%
V	1	2559432	65.1	61.5	5.7%	< 0.5			80%	120%
W	1	2560176	0.18	0.18	0.0%	< 0.05			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
Y	1	2560176	4.17	4.11	1.4%	< 0.05	7	80%	120%	
Zn	1	2559432	45.5	42.9	5.9%	1.0		80%	120%	
Zr	1	2560176	1.2	1.0	18.2%	< 0.5		80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1	2560202	0.12	0.13	8.0%	< 0.01		80%	120%	
Al	1	2559466	1.87	1.85	1.1%	< 0.01		80%	120%	
As	1	2560202	6.3	6.3	0.0%	< 0.1		80%	120%	
Au	1	2560202	< 0.01	< 0.01	0.0%	< 0.01		80%	120%	
B	1	2560202	< 5	< 5	0.0%	< 5		80%	120%	
Ba	1	2559466	80	78	2.5%	< 1		80%	120%	
Be	1	2560202	0.96	0.96	0.0%	< 0.05		80%	120%	
Bi	1	2560202	0.16	0.16	0.0%	< 0.01		80%	120%	
Ca	1	2559466	0.217	0.226	4.1%	< 0.01		80%	120%	
Cd	1	2560202	0.157	0.141	10.7%	< 0.01		80%	120%	
Ce	1	2560202	26.8	26.6	0.7%	< 0.01		80%	120%	
Co	1	2560202	2.40	2.35	2.1%	< 0.1		80%	120%	
Cr	1	2559466	17.8	17.0	4.6%	< 0.5		80%	120%	
Cs	1	2560202	14.4	15.6	8.0%	< 0.05		80%	120%	
Cu	1	2559466	6.62	6.45	2.6%	< 0.1		80%	120%	
Fe	1	2559466	2.27	2.20	3.1%	< 0.01		80%	120%	
Ga	1	2560202	2.58	2.73	5.6%	< 0.05		80%	120%	
Ge	1	2560202	< 0.05	< 0.05	0.0%	< 0.05		80%	120%	
Hf	1	2560202	< 0.02	< 0.02	0.0%	< 0.02		80%	120%	
Hg	1	2560202	0.041	0.033	21.6%	< 0.01		80%	120%	
In	1	2560202	0.012	0.012	0.0%	< 0.005		80%	120%	
K	1	2559466	0.05	0.05	0.0%	< 0.01		80%	120%	
La	1	2560202	15.8	15.6	1.3%	< 0.1		80%	120%	
Li	1	2560202	10.1	10.8	6.7%	< 0.1		80%	120%	
Mg	1	2559466	0.157	0.154	1.9%	< 0.01		80%	120%	
Mn	1	2559466	226	222	1.8%	< 1		80%	120%	
Mo	1	2560202	5.09	4.93	3.2%	< 0.05		80%	120%	
Na	1	2559466	0.01	0.01	0.0%	< 0.01		80%	120%	
Nb	1	2560202	0.69	0.76	9.7%	< 0.05		80%	120%	
Ni	1	2559932	5.6	5.4	3.6%	< 0.2		80%	120%	
P	1	2559466	893	869	2.7%	< 10		80%	120%	
Pb	1	2560202	11.6	11.2	3.5%	< 0.1		80%	120%	
Rb	1	2560202	11.3	12.6	10.9%	< 0.1		80%	120%	
Re	1	2560202	< 0.001	< 0.001	0.0%	< 0.001		80%	120%	
S	1	2559466	0.0109	0.0103	5.7%	< 0.005		80%	120%	
Sb	1	2560202	0.49	0.49	0.0%	< 0.05		80%	120%	
Sc	1	2560202	1.08	1.17	8.0%	< 0.1		80%	120%	
Se	1	2560202	< 0.2	< 0.2	0.0%	< 0.2		80%	120%	
Sn	1	2560202	0.3	0.3	0.0%	< 0.2		80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)											
RPT Date: Sep 07, 2011			REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Sr	1	2559466	20.2	19.9	1.5%	0.8			80%	120%	
Ta	1	2560202	< 0.01	< 0.01	0.0%	< 0.01			80%	120%	
Te	1	2560202	< 0.01	0.01		< 0.01			80%	120%	
Th	1	2560202	0.9	0.9	0.0%	< 0.1			80%	120%	
Ti	1	2559466	0.150	0.157	4.6%	< 0.005			80%	120%	
Tl	1	2560202	0.10	0.10	0.0%	< 0.02			80%	120%	
U	1	2560202	3.64	3.58	1.7%	< 0.05			80%	120%	
V	1	2559466	54.7	52.8	3.5%	< 0.5			80%	120%	
W	1	2560202	0.134	0.136	1.5%	< 0.05			80%	120%	
Y	1	2560202	7.24	7.18	0.8%	< 0.05		7	80%	120%	
Zn	1	2559466	53.5	53.7	0.4%	2.0			80%	120%	
Zr	1	2560202	< 0.5	< 0.5	0.0%	< 0.5			80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2560226	0.06	0.08	28.6%	< 0.01			80%	120%	
Al	1	2559474	1.12	1.12	0.0%	< 0.01			80%	120%	
As	1	2560226	1.68	1.76	4.7%	< 0.1			80%	120%	
Au	1	2560226	< 0.01	< 0.01	0.0%	< 0.01			80%	120%	
B	1	2560226	< 5	< 5	0.0%	< 5			80%	120%	
Ba	1	2559474	76	79	3.9%	< 1			80%	120%	
Be	1	2560226	0.097	0.095	2.1%	< 0.05			80%	120%	
Bi	1	2560226	0.19	0.19	0.0%	< 0.01			80%	120%	
Ca	1	2559474	0.25	0.25	0.0%	< 0.01			80%	120%	
Cd	1	2560226	0.05	0.05	0.0%	< 0.01			80%	120%	
Ce	1	2560226	23.0	24.2	5.1%	< 0.01			80%	120%	
Co	1	2560226	1.0	1.0	0.0%	< 0.1			80%	120%	
Cr	1	2559474	16.2	16.3	0.6%	< 0.5			80%	120%	
Cs	1	2560226	2.58	3.11	18.6%	< 0.05			80%	120%	
Cu	1	2559474	7.0	6.9	1.4%	< 0.1			80%	120%	
Fe	1	2559474	2.01	2.02	0.5%	< 0.01			80%	120%	
Ga	1	2560226	2.76	3.06	10.3%	< 0.05			80%	120%	
Ge	1	2560226	0.06	0.06	0.0%	< 0.05			80%	120%	
Hf	1	2560226	< 0.02	< 0.02	0.0%	< 0.02			80%	120%	
Hg	1	2560226	0.01	0.01	0.0%	< 0.01			80%	120%	
In	1	2560226	0.006	0.006	0.0%	< 0.005			80%	120%	
K	1	2559474	0.04	0.04	0.0%	< 0.01			80%	120%	
La	1	2560226	13.1	13.8	5.2%	< 0.1			80%	120%	
Li	1	2560226	1.30	1.39	6.7%	< 0.1			80%	120%	
Mg	1	2559474	0.19	0.19	0.0%	< 0.01			80%	120%	
Mn	1	2559474	167	169	1.2%	< 1			80%	120%	
Mo	1	2560226	0.924	0.958	3.6%	< 0.05			80%	120%	
Na	1	2559474	0.01	0.01	0.0%	< 0.01			80%	120%	
Nb	1	2560226	0.739	0.848	13.7%	< 0.05			80%	120%	
Ni	1	2559949	6.4	6.3	1.6%	< 0.2			80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
P	1	2559474	315	314	0.3%	< 10			80%	120%
Pb	1	2560226	6.75	6.85	1.5%	< 0.1			80%	120%
Rb	1	2560226	8.2	9.4	13.6%	< 0.1			80%	120%
Re	1	2560226	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2559474	0.010	0.010	0.0%	< 0.005			80%	120%
Sb	1	2560226	0.33	0.33	0.0%	< 0.05			80%	120%
Sc	1	2560226	0.6	0.7	15.4%	< 0.1			80%	120%
Se	1	2560226	< 0.2	< 0.2	0.0%	< 0.2			80%	120%
Sn	1	2560226	0.3	0.3	0.0%	< 0.2			80%	120%
Sr	1	2559474	18.7	18.6	0.5%	< 0.2			80%	120%
Ta	1	2560226	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Te	1	2560226	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Th	1	2560226	3.1	3.3	6.3%	< 0.1			80%	120%
Ti	1	2559474	0.134	0.132	1.5%	< 0.005			80%	120%
Tl	1	2560226	0.141	0.159	12.0%	< 0.02			80%	120%
U	1	2560226	0.608	0.666	9.1%	< 0.05			80%	120%
V	1	2559474	56.4	56.6	0.4%	< 0.5			80%	120%
W	1	2560226	0.11	0.12	8.7%	< 0.05			80%	120%
Y	1	2560226	1.63	1.84	12.1%	< 0.05	7		80%	120%
Zn	1	2559474	42.2	42.4	0.5%	< 0.5			80%	120%
Zr	1	2560226	0.5	0.8		< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1	2560251	0.212	0.229	7.7%	< 0.01			80%	120%
Al	1	2559498	0.776	0.755	2.7%	< 0.01			80%	120%
As	1	2560251	1.0	1.0	0.0%	< 0.1			80%	120%
Au	1	2560251	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
B	1	2560251	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559498	82	82	0.0%	< 1			80%	120%
Be	1	2560251	0.13	0.13	0.0%	< 0.05			80%	120%
Bi	1	2560251	0.12	0.12	0.0%	< 0.01			80%	120%
Ca	1	2559498	0.12	0.12	0.0%	< 0.01			80%	120%
Cd	1	2560251	0.61	0.58	5.0%	< 0.01			80%	120%
Ce	1	2560251	18.8	17.6	6.6%	< 0.01			80%	120%
Co	1	2560251	2.10	2.02	3.9%	< 0.1			80%	120%
Cr	1	2559498	6.97	6.48	7.3%	< 0.5			80%	120%
Cs	1	2560251	3.00	2.48	19.0%	< 0.05			80%	120%
Cu	1	2559498	4.8	4.2	13.3%	< 0.1			80%	120%
Fe	1	2559498	0.799	0.790	1.1%	< 0.01			80%	120%
Ga	1	2560251	7.50	7.14	4.9%	< 0.05			80%	120%
Ge	1	2560251	0.07	0.07	0.0%	< 0.05			80%	120%
Hf	1	2560251	< 0.02	< 0.02	0.0%	< 0.02			80%	120%
Hg	1	2560251	0.02	0.02	0.0%	< 0.01			80%	120%
In	1	2560251	0.012	0.012	0.0%	< 0.005			80%	120%
K	1	2559498	0.067	0.064	4.6%	< 0.01			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
La	1	2560251	9.6	8.8	8.7%	< 0.1			80%	120%
Li	1	2560251	2.98	2.80	6.2%	< 0.1			80%	120%
Mg	1	2559498	0.05	0.05	0.0%	< 0.01			80%	120%
Mn	1	2559498	76	68	11.1%	< 1			80%	120%
Mo	1	2560251	1.67	1.53	8.8%	< 0.05			80%	120%
Na	1	2559498	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Nb	1	2560251	1.21	1.09	10.4%	< 0.05			80%	120%
Ni	1	2559498	2.0	2.0	0.0%	< 0.2			80%	120%
P	1	2559498	102	95	7.1%	< 10			80%	120%
Pb	1	2560251	12.6	11.8	6.6%	< 0.1			80%	120%
Rb	1	2560251	5.8	5.3	9.0%	< 0.1			80%	120%
Re	1	2560251	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2559498	0.011	0.011	0.0%	< 0.005			80%	120%
Sb	1	2560251	0.25	0.24	4.1%	< 0.05			80%	120%
Sc	1	2560251	1.3	1.2	8.0%	< 0.1			80%	120%
Se	1	2560251	< 0.2	< 0.2	0.0%	< 0.2			80%	120%
Sn	1	2560251	0.68	0.63	7.6%	< 0.2			80%	120%
Sr	1	2559498	16.8	15.7	6.8%	< 0.2			80%	120%
Ta	1	2560251	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Te	1	2560251	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Th	1	2560251	1.31	1.23	6.3%	< 0.1			80%	120%
Ti	1	2559498	0.059	0.056	5.2%	< 0.005			80%	120%
Tl	1	2560251	0.045	0.041	9.3%	< 0.02			80%	120%
U	1	2560251	0.43	0.38	12.3%	< 0.05			80%	120%
V	1	2559498	23.1	21.5	7.2%	< 0.5			80%	120%
W	1	2560251	0.10	0.10	0.0%	< 0.05			80%	120%
Y	1	2560251	1.31	1.18	10.4%	< 0.05	7		80%	120%
Zn	1	2559498	18.9	18.5	2.1%	< 0.5			80%	120%
Zr	1	2560251	1.1	1.0	9.5%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1	2560265	0.11	0.13	16.7%	< 0.01			80%	120%
Al	1	2559523	1.67	1.65	1.2%	< 0.01			80%	120%
As	1	2560265	2.87	2.79	2.8%	< 0.1			80%	120%
Au	1	2560265	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
B	1	2560265	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559523	70	71	1.4%	< 1			80%	120%
Be	1	2560265	0.56	0.52	7.4%	< 0.05			80%	120%
Bi	1	2560265	0.16	0.16	0.0%	< 0.01			80%	120%
Ca	1	2559523	0.729	0.714	2.1%	< 0.01			80%	120%
Cd	1	2560265	0.24	0.24	0.0%	< 0.01			80%	120%
Ce	1	2560265	20.6	18.9	8.6%	< 0.01			80%	120%
Co	1	2560265	4.43	4.14	6.8%	< 0.1			80%	120%
Cr	1	2559523	13.1	12.8	2.3%	< 0.5			80%	120%
Cs	1	2560265	7.08	6.13	14.4%	< 0.05			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
Cu	1	2559523	12.0	12.3	2.5%	< 0.1			80%	120%
Fe	1	2559523	1.78	1.78	0.0%	< 0.01			80%	120%
Ga	1	2560265	6.15	5.63	8.8%	< 0.05			80%	120%
Ge	1	2560265	0.07	0.07	0.0%	< 0.05			80%	120%
Hf	1	2560265	0.05	0.03		< 0.02			80%	120%
Hg	1	2560265	0.05	0.05	0.0%	< 0.01			80%	120%
In	1	2560265	0.029	0.027	7.1%	< 0.005			80%	120%
K	1	2559523	0.04	0.04	0.0%	< 0.01			80%	120%
La	1	2560265	10.7	9.7	9.8%	< 0.1			80%	120%
Li	1	2560265	11.7	11.2	4.4%	< 0.1			80%	120%
Mg	1	2559523	0.27	0.27	0.0%	< 0.01			80%	120%
Mn	1	2559523	351	353	0.6%	< 1			80%	120%
Mo	1	2560265	1.01	0.955	5.6%	< 0.05			80%	120%
Na	1	2559523	0.01	0.01	0.0%	< 0.01			80%	120%
Nb	1	2560265	1.91	1.65	14.6%	< 0.05			80%	120%
Ni	1	2559523	6.7	6.7	0.0%	< 0.2			80%	120%
P	1	2559523	514	498	3.2%	< 10			80%	120%
Pb	1	2560265	13.9	13.3	4.4%	< 0.1			80%	120%
Rb	1	2560265	9.8	8.8	10.8%	< 0.1			80%	120%
Re	1	2560265	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2559523	0.048	0.048	0.0%	< 0.005			80%	120%
Sb	1	2560265	0.29	0.27	7.1%	< 0.05			80%	120%
Sc	1	2560265	2.8	2.5	11.3%	< 0.1			80%	120%
Se	1	2560265	< 0.2	< 0.2	0.0%	< 0.2			80%	120%
Sn	1	2560265	0.5	0.5	0.0%	< 0.2			80%	120%
Sr	1	2559523	38.7	37.5	3.1%	< 0.2			80%	120%
Ta	1	2560265	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Te	1	2560265	0.015	0.012	22.2%	< 0.01			80%	120%
Th	1	2560265	2.8	2.4	15.4%	< 0.1			80%	120%
Ti	1	2559523	0.0707	0.0698	1.3%	< 0.005			80%	120%
Tl	1	2560265	0.057	0.053	7.3%	< 0.02			80%	120%
U	1	2560265	0.75	0.69	8.3%	< 0.05			80%	120%
V	1	2559523	44.3	44.1	0.5%	< 0.5			80%	120%
W	1	2560265	0.15	0.13	14.3%	< 0.05			80%	120%
Y	1	2560265	3.66	3.27	11.3%	< 0.05		7	80%	120%
Zn	1	2559523	97.8	96.4	1.4%	< 0.5			80%	120%
Zr	1	2560265	2.99	2.52	17.1%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1	2559549	0.112	0.141	22.9%	< 0.01			80%	120%
Al	1	2559549	1.08	1.06	1.9%	< 0.01			80%	120%
As	1	2559549	2.43	2.49	2.4%	< 0.1			80%	120%
Au	1	2559549	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
B	1	2559549	< 5	< 5	0.0%	< 5			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
Ba	1	2559549	62	62	0.0%	< 1			80%	120%
Be	1	2559549	0.629	0.621	1.3%	< 0.05			80%	120%
Bi	1	2559549	0.087	0.084	3.5%	< 0.01			80%	120%
Ca	1	2559549	0.378	0.370	2.1%	< 0.01			80%	120%
Cd	1	2559549	0.07	0.07	0.0%	< 0.01			80%	120%
Ce	1	2559549	25.9	25.2	2.7%	< 0.01			80%	120%
Co	1	2559549	4.3	4.3	0.0%	< 0.1			80%	120%
Cr	1	2559549	16.6	16.1	3.1%	< 0.5			80%	120%
Cs	1	2559549	1.61	1.53	5.1%	< 0.05			80%	120%
Cu	1	2559549	12.1	9.7	22.0%	< 0.1			80%	120%
Fe	1	2559549	1.59	1.59	0.0%	< 0.01			80%	120%
Ga	1	2559549	4.26	4.10	3.8%	< 0.05			80%	120%
Ge	1	2559549	0.111	0.103	7.5%	< 0.05			80%	120%
Hf	1	2559549	0.04	0.04	0.0%	< 0.02			80%	120%
Hg	1	2559549	0.02	0.02	0.0%	< 0.01			80%	120%
In	1	2559549	0.015	0.015	0.0%	< 0.005			80%	120%
K	1	2559549	0.03	0.03	0.0%	< 0.01			80%	120%
La	1	2559549	13.6	13.2	3.0%	< 0.1			80%	120%
Li	1	2559549	14.7	14.8	0.7%	< 0.1			80%	120%
Mg	1	2559549	0.24	0.24	0.0%	< 0.01			80%	120%
Mn	1	2559549	253	250	1.2%	< 1			80%	120%
Mo	1	2559549	0.59	0.59	0.0%	< 0.05			80%	120%
Na	1	2559549	0.01	0.01	0.0%	< 0.01			80%	120%
Nb	1	2559549	1.84	1.80	2.2%	< 0.05			80%	120%
Ni	1	2559549	7.70	7.62	1.0%	< 0.2			80%	120%
P	1	2559549	521	515	1.2%	< 10			80%	120%
Pb	1	2559549	6.5	6.3	3.1%	< 0.1			80%	120%
Rb	1	2559549	5.5	5.3	3.7%	< 0.1			80%	120%
Re	1	2559549	< 0.001	< 0.001	0.0%	< 0.001			80%	120%
S	1	2559549	0.015	0.015	0.0%	< 0.005			80%	120%
Sb	1	2559549	0.21	0.20	4.9%	< 0.05			80%	120%
Sc	1	2559549	3.0	2.9	3.4%	< 0.1			80%	120%
Se	1	2559549	0.3	0.3	0.0%	< 0.2			80%	120%
Sn	1	2559549	0.5	0.5	0.0%	< 0.2			80%	120%
Sr	1	2559549	28.2	29.4	4.2%	< 0.2			80%	120%
Ta	1	2559549	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Te	1	2559549	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Th	1	2559549	1.66	1.62	2.4%	< 0.1			80%	120%
Ti	1	2559549	0.119	0.115	3.4%	< 0.005			80%	120%
Tl	1	2559549	0.05	0.05	0.0%	< 0.02			80%	120%
U	1	2559549	2.56	2.60	1.6%	< 0.05			80%	120%
V	1	2559549	46.6	46.0	1.3%	< 0.5			80%	120%
W	1	2559549	0.125	0.118	5.8%	< 0.05			80%	120%
Y	1	2559549	6.88	6.87	0.1%	< 0.05		7	80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
Zn	1	2559549	52.8	39.6	28.6%	< 0.5			80%	120%
Zr	1	2559549	1.8	1.8	0.0%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Al	1	2559555	0.71	0.71	0.0%	< 0.01			80%	120%
B	1	2559555	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559555	49	48	2.1%	< 1			80%	120%
Ca	1	2559555	0.165	0.166	0.6%	< 0.01			80%	120%
Ce	1	2559555	19.3	19.6	1.5%	< 0.01			80%	120%
Cr	1	2559555	13.8	14.4	4.3%	< 0.5			80%	120%
Cu	1	2559555	15.3	14.3	6.8%	< 0.1			80%	120%
Fe	1	2559555	1.79	1.87	4.4%	< 0.01			80%	120%
K	1	2559555	0.04	0.04	0.0%	< 0.01			80%	120%
La	1	2559555	8.74	8.79	0.6%	< 0.1			80%	120%
Li	1	2559555	1.9	1.9	0.0%	< 0.1			80%	120%
Mg	1	2559555	0.104	0.112	7.4%	< 0.01			80%	120%
Mn	1	2559555	224	232	3.5%	< 1			80%	120%
Na	1	2559555	0.01	0.01	0.0%	< 0.01			80%	120%
P	1	2559555	311	310	0.3%	< 10			80%	120%
S	1	2559555	0.0137	0.0132	3.7%	< 0.005			80%	120%
Sr	1	2559555	16.4	18.1	9.9%	< 0.2			80%	120%
Ti	1	2559555	0.095	0.102	7.1%	< 0.005			80%	120%
V	1	2559555	49.8	52.8	5.8%	< 0.5			80%	120%
Y	1	2559555	2.13	2.16	1.4%	< 0.05		7	80%	120%
Zn	1	2559555	27.0	33.2	20.6%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Al	1	2559572	2.67	2.77	3.7%	< 0.01			80%	120%
B	1	2559572	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559572	88	90	2.2%	< 1			80%	120%
Ca	1	2559572	0.10	0.10	0.0%	< 0.01			80%	120%
Ce	1	2559572	19.4	19.7	1.5%	< 0.01			80%	120%
Cr	1	2559572	11.6	12.6	8.3%	< 0.5			80%	120%
Cu	1	2559572	9.7	9.1	6.4%	< 0.1			80%	120%
Fe	1	2559572	1.88	1.98	5.2%	< 0.01			80%	120%
K	1	2559572	0.07	0.07	0.0%	< 0.01			80%	120%
La	1	2559572	8.62	8.79	2.0%	< 0.1			80%	120%
Li	1	2559572	6.94	6.95	0.1%	< 0.1			80%	120%
Mg	1	2559572	0.15	0.15	0.0%	< 0.01			80%	120%
Mn	1	2559572	160	158	1.3%	< 1			80%	120%
Na	1	2559572	0.01	0.01	0.0%	< 0.01			80%	120%
P	1	2559572	692	655	5.5%	< 10			80%	120%
S	1	2559572	0.017	0.017	0.0%	< 0.005			80%	120%
Sr	1	2559572	12.8	11.9	7.3%	< 0.2			80%	120%
Ti	1	2559572	0.0649	0.0725	11.1%	< 0.005			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
V	1	2559572	42.2	42.1	0.2%	< 0.5			80%	120%
Y	1	2559572	3.19	3.16	0.9%	< 0.05	7		80%	120%
Zn	1	2559572	54.1	41.8	25.7%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Al	1	2559598	1.69	2.04	18.8%	< 0.01			80%	120%
B	1	2559598	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559598	44	54	20.4%	< 1			80%	120%
Ca	1	2559598	0.10	0.11	9.5%	< 0.01			80%	120%
Ce	1	2559598	14.7	17.3	16.3%	< 0.01			80%	120%
Cr	1	2559598	11.7	14.6	22.1%	< 0.5			80%	120%
Cu	1	2559598	8.63	10.0	14.7%	< 0.1			80%	120%
Fe	1	2559598	1.72	2.08	18.9%	< 0.01			80%	120%
K	1	2559598	0.03	0.03	0.0%	< 0.01			80%	120%
La	1	2559598	6.11	7.50	20.4%	< 0.1			80%	120%
Li	1	2559598	6.4	7.6	17.1%	< 0.1			80%	120%
Mg	1	2559598	0.111	0.131	16.5%	< 0.01			80%	120%
Mn	1	2559598	109	134	20.6%	< 1			80%	120%
Na	1	2559598	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
P	1	2559598	801	965	18.6%	< 10			80%	120%
S	1	2559598	0.0135	0.0166	20.6%	< 0.005			80%	120%
Sr	1	2559598	10.6	10.1	4.8%	< 0.2			80%	120%
Ti	1	2559598	0.0724	0.0811	11.3%	< 0.005			80%	120%
V	1	2559598	43.1	52.7	20.0%	< 0.5			80%	120%
Y	1	2559598	2.34	2.78	17.2%	< 0.05	7		80%	120%
Zn	1	2559598	38.1	43.6	13.5%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Al	1	2559622	0.988	0.983	0.5%	< 0.01			80%	120%
B	1	2559622	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559622	72	68	5.7%	< 1			80%	120%
Ca	1	2559622	0.200	0.205	2.5%	< 0.01			80%	120%
Ce	1	2559622	22.6	22.6	0.0%	< 0.01			80%	120%
Cr	1	2559622	11.2	11.9	6.1%	< 0.5			80%	120%
Cu	1	2559622	6.15	5.80	5.9%	< 0.1			80%	120%
Fe	1	2559622	1.00	0.984	1.6%	< 0.01			80%	120%
K	1	2559622	0.03	0.03	0.0%	< 0.01			80%	120%
La	1	2559622	10.4	10.2	1.9%	< 0.1			80%	120%
Li	1	2559622	4.4	4.3	2.3%	< 0.1			80%	120%
Mg	1	2559622	0.14	0.14	0.0%	< 0.01			80%	120%
Mn	1	2559622	113	114	0.9%	< 1			80%	120%
Na	1	2559622	0.01	0.01	0.0%	< 0.01			80%	120%
P	1	2559622	332	326	1.8%	< 10			80%	120%
S	1	2559622	0.013	0.012	8.0%	< 0.005			80%	120%
Sr	1	2559622	18.8	17.5	7.2%	< 0.2			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
									Lower	Upper
Ti	1	2559622	0.079	0.087	9.6%	< 0.005			80%	120%
V	1	2559622	29.1	29.3	0.7%	< 0.5			80%	120%
Y	1	2559622	5.94	5.85	1.5%	< 0.05	7		80%	120%
Zn	1	2559622	32.3	26.8	18.6%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Al	1	2559646	2.20	2.21	0.5%	< 0.01			80%	120%
B	1	2559646	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559646	81	80	1.2%	< 1			80%	120%
Ca	1	2559646	0.137	0.133	3.0%	< 0.01			80%	120%
Ce	1	2559646	21.6	22.2	2.7%	< 0.01			80%	120%
Cr	1	2559646	18.6	19.0	2.1%	< 0.5			80%	120%
Cu	1	2559646	10.2	10.1	1.0%	< 0.1			80%	120%
Fe	1	2559646	2.39	2.39	0.0%	< 0.01			80%	120%
K	1	2559646	0.056	0.054	3.6%	< 0.01			80%	120%
La	1	2559646	8.92	9.09	1.9%	< 0.1			80%	120%
Li	1	2559646	8.81	8.63	2.1%	< 0.1			80%	120%
Mg	1	2559646	0.21	0.21	0.0%	< 0.01			80%	120%
Mn	1	2559646	196	197	0.5%	< 1			80%	120%
Na	1	2559646	0.01	0.01	0.0%	< 0.01			80%	120%
P	1	2559646	532	534	0.4%	< 10			80%	120%
S	1	2559646	0.0174	0.0176	1.1%	< 0.005			80%	120%
Sr	1	2559646	16.3	13.5	18.8%	< 0.2			80%	120%
Ti	1	2559646	0.114	0.111	2.7%	< 0.005			80%	120%
V	1	2559646	58.0	58.8	1.4%	< 0.5			80%	120%
Y	1	2559646	3.61	3.69	2.2%	< 0.05	7		80%	120%
Zn	1	2559646	56.4	58.2	3.1%	< 0.5			80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Al	1	2559662	1.11	1.15	3.5%	< 0.01			80%	120%
B	1	2559662	< 5	< 5	0.0%	< 5			80%	120%
Ba	1	2559662	97	100	3.0%	< 1			80%	120%
Ca	1	2559662	0.240	0.248	3.3%	< 0.01			80%	120%
Ce	1	2559662	18.0	18.6	3.3%	< 0.01			80%	120%
Cr	1	2559662	11.5	11.6	0.9%	< 0.5			80%	120%
Cu	1	2559662	5.5	6.5	16.7%	< 0.1			80%	120%
Fe	1	2559662	0.921	0.959	4.0%	< 0.01			80%	120%
K	1	2559662	0.05	0.05	0.0%	< 0.01			80%	120%
La	1	2559662	8.1	8.4	3.6%	< 0.1			80%	120%
Li	1	2559662	4.50	4.59	2.0%	< 0.1			80%	120%
Mg	1	2559662	0.133	0.136	2.2%	< 0.01			80%	120%
Mn	1	2559662	109	111	1.8%	< 1			80%	120%
Na	1	2559662	0.01	0.01	0.0%	< 0.01			80%	120%
P	1	2559662	229	246	7.2%	< 10			80%	120%
S	1	2559662	0.0211	0.0220	4.2%	< 0.005			80%	120%



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)											
RPT Date: Sep 07, 2011			REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits	
							Lower			Upper	
Sr	1	2559662	26.9	27.5	2.2%	< 0.2			80%	120%	
Ti	1	2559662	0.084	0.091	8.0%	< 0.005			80%	120%	
V	1	2559662	29.2	29.8	2.0%	< 0.5			80%	120%	
Y	1	2559662	2.84	2.87	1.1%	< 0.05		7	80%	120%	
Zn	1	2559662	33.6	33.8	0.6%	< 0.5			80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Al	1	2559674	1.49	1.50	0.7%	< 0.01			80%	120%	
B	1	2559674	< 5	< 5	0.0%	< 5			80%	120%	
Ba	1	2559674	83	83	0.0%	< 1			80%	120%	
Ca	1	2559674	0.300	0.306	2.0%	< 0.01			80%	120%	
Ce	1	2559674	45.8	46.5	1.5%	< 0.01			80%	120%	
Cr	1	2559674	22.1	22.9	3.6%	< 0.5			80%	120%	
Cu	1	2559674	13.3	13.5	1.5%	< 0.1			80%	120%	
Fe	1	2559674	2.51	2.52	0.4%	< 0.01			80%	120%	
K	1	2559674	0.06	0.06	0.0%	< 0.01			80%	120%	
La	1	2559674	12.4	12.7	2.4%	< 0.1			80%	120%	
Li	1	2559674	6.4	6.4	0.0%	< 0.1			80%	120%	
Mg	1	2559674	0.28	0.28	0.0%	< 0.01			80%	120%	
Mn	1	2559674	323	327	1.2%	< 1			80%	120%	
Na	1	2559674	0.02	0.02	0.0%	< 0.01			80%	120%	
P	1	2559674	633	639	0.9%	< 10			80%	120%	
S	1	2559674	0.009	0.009	0.0%	< 0.005			80%	120%	
Sr	1	2559674	23.3	23.6	1.3%	< 0.2			80%	120%	
Ti	1	2559674	0.143	0.150	4.8%	< 0.005			80%	120%	
V	1	2559674	64.7	66.1	2.1%	< 0.5			80%	120%	
Y	1	2559674	5.57	5.74	3.0%	< 0.05		7	80%	120%	
Zn	1	2559674	47.6	42.8	10.6%	< 0.5			80%	120%	
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Al	1	2559695	0.979	0.763	24.8%	< 0.01			80%	120%	
B	1	2559695	< 5	< 5	0.0%	< 5			80%	120%	
Ba	1	2559695	74	61	19.3%	< 1			80%	120%	
Ca	1	2559695	0.11	0.09	20.0%	< 0.01			80%	120%	
Ce	1	2559695	30.6	25.8	17.0%	< 0.01			80%	120%	
Cr	1	2559695	10.8	8.7	21.5%	< 0.5			80%	120%	
Cu	1	2559695	13.9	10.5	27.9%	< 0.1			80%	120%	
Fe	1	2559695	1.23	1.05	15.8%	< 0.01			80%	120%	
K	1	2559695	0.07	0.05		< 0.01			80%	120%	
La	1	2559695	14.5	12.3	16.4%	< 0.1			80%	120%	
Li	1	2559695	3.0	2.5	18.2%	< 0.1			80%	120%	
Mg	1	2559695	0.078	0.062	22.9%	< 0.01			80%	120%	
Mn	1	2559695	131	104	23.0%	< 1			80%	120%	
Na	1	2559695	< 0.01	< 0.01	0.0%	< 0.01			80%	120%	
P	1	2559695	168	133	23.3%	< 10			80%	120%	



Quality Assurance

CLIENT NAME: UTM EXPLORATION SERVICES
PROJECT NO: GEOBLA08

AGAT WORK ORDER: 11D512027
ATTENTION TO: RICHARD BECK

Solid Analysis (Continued)										
RPT Date: Sep 07, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
S	1	2559695	0.008	0.007	13.3%	< 0.005			80%	120%
Sr	1	2559695	10.4	9.42	9.9%	< 0.2			80%	120%
Ti	1	2559695	0.040	0.027		< 0.005			80%	120%
V	1	2559695	34.9	28.9	18.8%	< 0.5			80%	120%
Y	1	2559695	2.80	2.20	24.0%	< 0.05	7		80%	120%
Zn	1	2559695	53.6	46.1	15.0%	< 0.5			80%	120%

Certified By:

Ron Cardinal



Method Summary

CLIENT NAME: UTM EXPLORATION SERVICES

AGAT WORK ORDER: 11D512027

PROJECT NO: GEOBLA08

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: 11D512027

PROJECT NO: GEOBLA08

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

Appendix IV: CDN Resource Laboratories Ltd. - Standard CDN- CM-10, CDN-BL-9 and CDN-CM-12

CDN Resource Laboratories Ltd.

82, 20148 – 102nd Avenue, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 (www.cdnlabs.com)

ORE REFERENCE STANDARD: CDN-CM-10

Recommended values and the "Between Lab" Two Standard Deviations

Gold: 1.16 ± 0.12 g/t
Copper: 0.987 ± 0.050 %
Molybdenum: 0.059 ± 0.004 %

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
INDEPENDENT GEOCHEMIST: Dr. Barry Smee, Ph.D., P. Geo.
DATE OF CERTIFICATION: January 19, 2011

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-CM-10 was prepared using a North American calc-alkalic copper-gold-molybdenum porphyry ore. It is derived from altered granodiorite, mafic to intermediate volcanic and volcanoclastic sedimentary rocks. Mineralization is principally pyrite, chalcocopyrite and molybdenite that occurs in veins, stockworks and disseminations. 780 kg of this ore was blended with 20 kg of a Cu-Au-Mo concentrate.

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone blender. Splits were taken and sent to 15 commercial laboratories for round robin assaying.

Approximate chemical composition (by whole rock analysis) is as follows:

	Percent		Percent
SiO ₂	65.7	MgO	1.8
Al ₂ O ₃	12.2	K ₂ O	1.5
Fe ₂ O ₃	6.1	TiO ₂	0.3
CaO	3.8	LOI	4.1
Na ₂ O	2.4	S	1.3
C	0.7		

Statistical Procedures:

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The means and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

Results from round-robin assaying are displayed on the following page.

STANDARD REFERENCE MATERIAL CDN-CM-10

Assay Procedures: Au: Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
Cu, Mo: 4-acid digestion, AA or ICP finish.

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
CM-10-1	1.02	1.05	1.16	1.04	1.19	1.22	1.15	1.14	1.19	1.20	1.12	1.22	1.15	1.17	1.12
CM-10-2	0.99	1.08	1.17	0.98	1.15	1.22	1.12	1.17	1.14	1.16	1.11	1.27	1.12	1.20	1.08
CM-10-3	1.21	1.27	1.27	1.17	1.17	1.27	1.06	1.10	1.18	1.21	1.12	1.25	1.14	1.13	1.16
CM-10-4	1.06	1.11	1.17	1.13	1.12	1.20	1.20	1.11	1.20	1.13	1.21	1.19	1.09	1.10	1.28
CM-10-5	1.05	1.12	1.21	1.22	1.18	1.28	1.19	1.14	1.18	1.29	1.22	1.21	1.09	1.20	1.15
CM-10-6	0.99	1.21	1.24	1.04	1.13	1.19	1.07	1.21	1.25	1.21	1.15	1.19	1.24	1.13	1.21
CM-10-7	1.15	1.13	1.15	1.06	1.24	1.21	1.22	1.14	1.15	1.12	1.19	1.25	1.12	1.15	1.22
CM-10-8	1.09	1.05	1.14	1.11	1.20	1.22	1.16	1.19	1.27	1.21	1.11	1.27	1.13	1.18	1.21
CM-10-9	1.11	1.21	1.25	1.11	1.24	1.23	1.10	1.13	1.13	1.15	1.21	1.29	1.19	1.10	1.20
CM-10-10	1.23	1.10	1.16	1.09	1.16	1.17	1.15	1.17	1.15	1.09	1.14	1.15	1.11	1.18	1.25
Mean:	1.07	1.11	1.12	1.10	1.18	1.22	1.14	1.15	1.18	1.18	1.15	1.21	1.12	1.15	1.20
Std. Dev.:	0.0891	0.0879	0.0949	0.0792	0.0905	0.0923	0.0740	0.0827	0.0827	0.0829	0.0884	0.0903	0.0890	0.0919	0.0919
% RSD:	8.35	7.92	8.42	7.24	7.57	7.54	6.53	7.17	7.00	6.97	7.71	7.46	7.87	7.92	7.57
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
CM-10-1	1.167	0.967	0.969	0.968	0.98	1.014	0.969	1.042	1.02	0.983	0.975	0.986	0.975	1.02	
CM-10-2	0.963	0.974	0.975	1.00	0.97	0.999	1.022	0.971	1.04	0.990	0.988	0.984	0.944	0.95	
CM-10-3	0.965	0.966	0.982	0.969	0.98	1.071	0.971	0.941	1.02	0.975	0.987	0.986	0.985	0.99	
CM-10-4	0.965	0.960	0.959	1.02	0.97	1.024	0.948	0.982	1.01	0.950	0.970	1.012	0.945	0.98	
CM-10-5	1.020	0.984	0.988	1.02	0.98	1.000	0.984	0.971	1.04	0.941	0.986	1.014	0.984	0.99	
CM-10-6	1.014	1.040	0.981	1.00	0.98	0.989	1.020	0.945	1.02	0.991	0.977	1.001	0.985	0.98	
CM-10-7	0.960	1.040	0.970	1.02	0.98	1.000	0.998	1.020	1.01	0.989	0.979	0.980	0.980	0.98	
CM-10-8	0.974	1.000	0.987	1.02	0.98	1.002	0.982	0.945	1.02	0.990	0.987	0.986	0.985	1.01	
CM-10-9	1.003	0.987	0.982	1.01	1.00	1.054	0.972	0.979	1.00	0.986	0.984	0.984	0.982	1.01	
CM-10-10	1.011	0.986	0.981	0.968	1.01	1.028	0.972	0.984	1.01	0.975	0.988	0.988	0.972	0.97	
Mean:	1.010	0.990	0.972	1.007	0.985	1.005	0.974	0.970	1.022	0.971	0.972	0.988	0.981	0.991	
Std. Dev.:	0.0682	0.0304	0.0157	0.0221	0.0127	0.0276	0.0291	0.0282	0.0140	0.0184	0.0112	0.0097	0.0247	0.0208	
% RSD:	6.78	3.07	1.62	2.22	1.29	2.76	2.89	2.95	1.37	1.89	1.15	0.98	2.50	2.10	
	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo
CM-10-1	0.056	0.056	0.062	0.058	0.062	0.060	0.061	0.062	0.060	0.062	0.062	0.062	0.063	0.065	
CM-10-2	0.067	0.067	0.062	0.066	0.060	0.066	0.062	0.061	0.067	0.062	0.061	0.066	0.066	0.065	
CM-10-3	0.067	0.068	0.069	0.067	0.061	0.066	0.062	0.062	0.067	0.060	0.063	0.066	0.066	0.065	
CM-10-4	0.067	0.061	0.062	0.068	0.069	0.066	0.060	0.060	0.067	0.061	0.061	0.066	0.062	0.068	
CM-10-5	0.060	0.056	0.061	0.060	0.062	0.064	0.060	0.059	0.066	0.059	0.061	0.061	0.060	0.064	
CM-10-6	0.061	0.067	0.061	0.066	0.059	0.067	0.061	0.060	0.066	0.060	0.061	0.060	0.061	0.065	
CM-10-7	0.067	0.067	0.064	0.062	0.060	0.060	0.061	0.060	0.066	0.061	0.061	0.060	0.060	0.065	
CM-10-8	0.066	0.067	0.062	0.069	0.067	0.066	0.060	0.061	0.062	0.060	0.061	0.060	0.060	0.064	
CM-10-9	0.066	0.066	0.064	0.068	0.068	0.066	0.060	0.060	0.066	0.062	0.063	0.060	0.060	0.065	
CM-10-10	0.062	0.067	0.061	0.068	0.068	0.065	0.060	0.061	0.066	0.059	0.061	0.060	0.060	0.065	
Mean:	0.060	0.061	0.062	0.068	0.061	0.060	0.061	0.061	0.066	0.061	0.061	0.060	0.060	0.065	
Std. Dev.:	0.0018	0.0007	0.0016	0.0020	0.0017	0.0008	0.0008	0.0015	0.0014	0.0012	0.0007	0.0005	0.0019	0.0004	
% RSD:	3.15	1.35	2.87	3.42	2.87	1.39	1.36	1.59	2.26	2.03	1.17	0.82	3.15	0.77	

Note: "Mo" data from laboratory 9 was excluded from the calculations for failing the t test.
Laboratory 15 was unable to supply 4-acid digestion data for Cu and Mo.

STANDARD REFERENCE MATERIAL CDN-CM-10

Participating Laboratories:


(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada
Activation Laboratories, Ancaster, Ontario, Canada
Activation Laboratories, Thunder Bay, Ontario, Canada
AGAT laboratories, Mississauga, Ontario, Canada
Alaska Assay Laboratories, Alaska, USA
Alex Stewart Assayers, Mendoza, Argentina
ALS Chemex, North Vancouver, B.C., Canada
Assayers Canada Ltd., Vancouver, B.C., Canada
Eco Tech Laboratory Ltd., Kamloops, B.C., Canada
Genalysis, Perth, Australia
Labtium Inc., Finland
Omac, Ireland
Skyline Laboratory, Arizona, USA
TSL Laboratories Ltd., Saskatoon, SK, Canada
Ultra Trace, Perth, Australia


Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. or Barry Snee accept no liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by


Duncan Sanderson, Certified Assayer of B.C.

Geochemist


Dr. Barry Snee, Ph.D., P. Geo.

CDN Resource Laboratories Ltd.

82, 20148 - 102nd Avenue, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 (www.cdnlab.com)

STANDARD REFERENCE MATERIAL: CDN-CM-12

Recommended values and the "Between Lab" Two Standard Deviations

Gold: 0.686 ± 0.072 g/t
 Copper: 0.927 ± 0.044 %
 Molybdenum: 0.112 ± 0.012 %

PREPARED BY: CDN Resource Laboratories Ltd.
 CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
 INDEPENDENT GEOCHEMIST: Dr. Barry Smee, Ph.D., P. Geo.
 DATE OF CERTIFICATION: January 31, 2011

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-CM-12 was prepared using a North American calc-alkalic copper-gold-molybdenum porphyry ore. It is derived from altered granodiorite, mafic to intermediate volcanic and volcanoclastic sedimentary rocks. Mineralization is principally pyrite, chalcocopyrite and molybdenite that occurs in veins, stockworks and disseminations. 710 kg of this ore was blended with 20 kg of a Cu-Au-Mo concentrate.

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone blender. Splits were taken and sent to 15 commercial laboratories for round robin assaying.

Approximate chemical composition (by whole rock analysis) is as follows:

	Percent		Percent
SiO ₂	61.6	MgO	2.3
Al ₂ O ₃	14.1	K ₂ O	4.2
Fe ₂ O ₃	7.9	TiO ₂	0.6
CaO	2.4	LOI	3.1
Na ₂ O	2.1	S	2.0
C	0.3		

Statistical Procedures:

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ±2 standard deviations was removed from the existing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

Results from round-robin assaying are displayed on the following page.

STANDARD REFERENCE MATERIAL CDN-CM-12

Assay Procedures: Au: Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
 Cu, Mo: 4-acid digestion, AA or ICP finish.

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
CM-12-1	0.719	0.753	0.613	0.623	0.70	0.649	0.673	0.683	0.688	0.67	0.71	0.647	0.741	0.784	0.643
CM-12-2	0.699	0.674	0.633	0.613	0.69	0.686	0.678	0.675	0.686	0.74	0.72	0.648	0.708	0.717	0.574
CM-12-3	0.707	0.696	0.715	0.632	0.66	0.663	0.683	0.672	0.674	0.79	0.72	0.687	0.693	0.696	0.635
CM-12-4	0.742	0.653	0.597	0.671	0.70	0.656	0.679	0.681	0.759	0.69	0.75	0.599	0.699	0.748	0.629
CM-12-5	0.712	0.691	0.643	0.680	0.69	0.686	0.642	0.672	0.757	0.67	0.78	0.677	0.731	0.697	0.598
CM-12-6	0.671	0.703	0.601	0.630	0.70	0.677	0.645	0.674	0.739	0.62	0.79	0.652	0.708	0.704	0.596
CM-12-7	0.682	0.659	0.646	0.596	0.73	0.679	0.627	0.665	0.785	0.72	0.73	0.61	0.704	0.769	0.711
CM-12-8	0.784	0.713	0.611	0.619	0.68	0.679	0.687	0.682	0.692	0.69	0.71	0.633	0.742	0.716	0.579
CM-12-9	0.684	0.693	0.671	0.627	0.70	0.648	0.695	0.622	0.701	0.70	0.74	0.649	0.708	0.732	0.613
CM-12-10	0.683	0.685	0.646	0.653	0.68	0.688	0.69	0.680	0.736	0.76	0.71	0.679	0.697	0.757	0.711
Mean	0.706	0.689	0.638	0.634	0.693	0.671	0.686	0.673	0.722	0.705	0.736	0.648	0.713	0.734	0.628
Std. Devn.	0.0293	0.0301	0.0259	0.0261	0.0183	0.0158	0.0222	0.0079	0.0379	0.0483	0.0291	0.0287	0.0181	0.0340	0.0468
% RSD	4.15	4.37	3.60	4.12	2.64	2.36	3.24	1.17	5.28	6.96	3.96	4.43	2.54	4.63	7.94
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
CM-12-1	0.911	0.936	0.939	0.90	0.90	0.948	0.980	0.905	0.944	0.944	0.911	0.895	0.926	0.900	0.92
CM-12-2	0.908	0.954	0.904	0.92	0.89	0.943	0.884	0.956	0.939	0.893	0.906	0.896	0.920	0.910	0.93
CM-12-3	0.914	0.948	0.939	0.96	0.90	0.963	0.948	0.930	0.918	0.894	0.917	0.898	0.905	0.903	0.92
CM-12-4	0.910	0.859	0.922	0.98	0.91	0.954	0.918	0.943	0.919	0.890	0.908	0.871	0.928	0.900	0.93
CM-12-5	0.898	0.875	0.939	0.94	0.89	0.943	0.890	0.940	0.835	0.904	0.909	0.883	0.939	0.895	0.93
CM-12-6	0.907	0.925	0.906	0.93	0.91	0.935	0.934	0.896	0.917	0.902	0.912	0.895	0.912	0.899	0.93
CM-12-7	0.921	0.965	0.940	0.93	0.91	0.983	0.901	0.961	0.916	0.877	0.918	0.899	0.894	0.898	0.93
CM-12-8	0.913	0.942	0.939	0.93	0.92	0.983	0.927	0.930	0.931	0.871	0.918	0.905	0.924	0.896	0.92
CM-12-9	0.901	0.966	0.944	0.93	0.91	0.935	0.948	0.853	0.833	0.880	0.908	0.878	0.915	0.909	0.92
CM-12-10	0.906	0.954	0.925	0.91	0.91	0.934	0.912	0.958	0.906	0.833	0.918	0.881	0.928	0.904	0.92
Mean	0.906	0.952	0.927	0.930	0.905	0.948	0.906	0.915	0.834	0.877	0.913	0.887	0.916	0.901	0.924
Std. Devn.	0.0068	0.0143	0.0134	0.0176	0.0067	0.0182	0.0303	0.0371	0.0112	0.0247	0.0048	0.0121	0.0110	0.0055	0.0062
% RSD	0.97	1.50	1.44	1.90	1.07	1.80	3.34	4.04	1.36	2.81	0.53	1.37	1.20	0.61	0.66
	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo	% Mo
CM-12-1	0.108	0.106	0.121	0.11	0.114	0.109	0.117	0.120	0.107	0.102	0.120	0.125	0.109	0.113	0.105
CM-12-2	0.111	0.106	0.117	0.12	0.111	0.109	0.115	0.115	0.109	0.106	0.121	0.129	0.114	0.112	0.104
CM-12-3	0.110	0.104	0.123	0.12	0.112	0.107	0.120	0.120	0.106	0.106	0.113	0.120	0.113	0.111	0.106
CM-12-4	0.108	0.105	0.110	0.12	0.114	0.107	0.118	0.118	0.104	0.107	0.119	0.126	0.111	0.110	0.104
CM-12-5	0.113	0.109	0.122	0.12	0.112	0.108	0.119	0.115	0.106	0.109	0.131	0.125	0.110	0.110	0.104
CM-12-6	0.109	0.103	0.116	0.12	0.111	0.107	0.114	0.118	0.102	0.113	0.127	0.124	0.108	0.113	0.105
CM-12-7	0.118	0.107	0.118	0.12	0.113	0.107	0.120	0.121	0.109	0.106	0.121	0.127	0.109	0.112	0.102
CM-12-8	0.110	0.106	0.117	0.12	0.111	0.108	0.115	0.117	0.106	0.106	0.119	0.127	0.112	0.114	0.104
CM-12-9	0.108	0.106	0.114	0.12	0.115	0.107	0.118	0.119	0.105	0.105	0.123	0.125	0.111	0.112	0.104
CM-12-10	0.110	0.107	0.113	0.12	0.113	0.108	0.117	0.121	0.104	0.102	0.127	0.124	0.110	0.116	0.101
Mean	0.110	0.106	0.117	0.119	0.113	0.108	0.117	0.118	0.105	0.106	0.122	0.125	0.111	0.112	0.104
Std. Devn.	0.0025	0.0022	0.0041	0.0032	0.0014	0.0010	0.0021	0.0021	0.0014	0.0033	0.0051	0.0024	0.0019	0.0019	0.0014
% RSD	2.30	2.04	3.83	2.68	1.27	0.90	1.82	1.74	1.35	3.15	4.20	1.91	1.76	1.66	1.36

Note: "Au" data from laboratory 15 was excluded from the calculations for failing the t test.
 "Cu" data from laboratory 9 was excluded from the calculations for failing the t test.

STANDARD REFERENCE MATERIAL CDN-CM-12

Participating Laboratories:

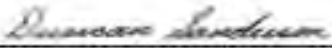
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver, B.C., Canada
Activation Laboratories, Ancaster, Ontario, Canada
Activation Laboratories, Thunder Bay, Ontario, Canada
AGAT laboratories, Mississauga, Ontario, Canada
AHK Geochem, Alaska, USA
ALS Chemex, North Vancouver, B.C., Canada
Genalysis, Perth, Australia
Inspectorate, B.C., Canada
Omic, Ireland
Skyline Laboratory, Arizona, USA
SGS - Vancouver, B.C., Canada
Stewart Group, Kamloops, B.C., Canada
Stewart Group, Mendoza, Argentina
TSL Laboratories Ltd., Saskatoon, SK, Canada
Ultra Trace, Perth, Australia


Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. or Barry Snee accept no liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by


Duncan Sanderson, Certified Assayer of B.C.

Geochemist


Dr. Barry Snee, Ph.D., P. Geo.

CDN Resource Laboratories Ltd.

#2, 20148 - 102nd Avenue, Langley, B.C., Canada, V1M 4B4, Ph: 604-882-8422 Fax: 604-882-8466
(www.cdnlabs.com)

STANDARD REFERENCE MATERIAL: CDN-BL-9

Recommended values:

Gold concentration: < 0.01 g/t
Platinum concentration: < 0.01 g/t
Palladium concentration: < 0.01 g/t

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
INDEPENDENT GEOCHEMIST: Dr. Barry Smees, Ph. D., P. Geo.
DATE OF CERTIFICATION: June 17, 2011

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-BL-9 was prepared using a blank granitic material.

METHOD OF PREPARATION:

The granitic material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 (<53 microns) material was mixed for 5 days in a double-cone blender. Splits were taken and sent to 8 commercial laboratories for round robin assaying. Round robin results are displayed on the next page.

APPROXIMATE CHEMICAL COMPOSITION (by whole rock analysis):

	Percent		Percent
SiO ₂	75.0	Na ₂ O	2.7
Al ₂ O ₃	10.1	MgO	1.3
Fe ₂ O ₃	3.6	K ₂ O	1.0
CaO	2.6	TiO ₂	0.4
MnO	0.1	LOI	1.8
C	0.1	S	<0.1

Statistical Procedures There was no statistical analysis performed on the data.

Participating Laboratories: (not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver
Actlabs, Ancaster, Ontario
Actlabs, Thunder Bay, Ontario
ALS Chemex Laboratories, North Vancouver
Eco Tech Laboratory Ltd., Kamloops, B.C., Canada
TSL Laboratories, Saskatoon
Genalysis, Perth, Australia
Ultra Trace, Perth, Australia

*Assay Procedure: assays were fire assay, AA or ICP finish on 30g samples.
Assay results on the following page*

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8
Sample	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm	Au ppm
CDN-BL-Q-1	0.003	0.004	<.005	0.005	<0.001	<.001	<.005	0.002
CDN-BL-Q-2	0.002	0.002	<.005	0.005	<0.001	<.001	0.005	0.001
CDN-BL-Q-3	< 0.002	0.002	<.005	0.004	0.002	<.001	<.005	0.001
CDN-BL-Q-4	< 0.002	0.003	<.005	0.005	<0.001	<.001	<.005	0.001
CDN-BL-Q-5	< 0.002	< 0.002	<.005	0.007	<0.001	0.001	<.005	0.001
CDN-BL-Q-6	< 0.002	< 0.002	<.005	0.004	<0.001	0.002	<.005	0.002
CDN-BL-Q-7	0.002	0.002	<.005	0.003	0.001	0.001	<.005	0.001
CDN-BL-Q-8	< 0.002	0.002	<.005	0.004	<.001	0.003	0.005	0.001
CDN-BL-Q-9	< 0.002	< 0.002	<.005	0.002	0.002	0.002	<.005	0.004
CDN-BL-Q-10	< 0.002	< 0.002	<.005	0.005	<.001	<.001	<.005	0.003
	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm	Pt ppm
CDN-BL-Q-1	< 0.005	< 0.005	<0.010	< 0.005	0.003	<.001	<.005	<0.005
CDN-BL-Q-2	< 0.005	< 0.005	<0.010	< 0.005	0.002	<.001	<.005	<0.005
CDN-BL-Q-3	< 0.005	< 0.005	<0.010	< 0.005	0.004	<.001	<.005	<0.005
CDN-BL-Q-4	< 0.005	< 0.005	<0.010	< 0.005	0.003	<.001	<.005	<0.005
CDN-BL-Q-5	< 0.005	< 0.005	<0.010	< 0.005	0.002	<.001	<.005	<0.005
CDN-BL-Q-6	< 0.005	< 0.005	<0.010	< 0.005	0.005	<.001	<.005	<0.005
CDN-BL-Q-7	< 0.005	< 0.005	<0.010	< 0.005	0.003	<.001	<.005	<0.005
CDN-BL-Q-8	< 0.005	< 0.005	<0.010	< 0.005	0.004	<.001	<.005	<0.005
CDN-BL-Q-9	< 0.005	< 0.005	<0.010	< 0.005	0.004	<.001	<.005	<0.005
CDN-BL-Q-10	< 0.005	< 0.005	<0.010	< 0.005	0.003	<.001	<.005	<0.005
	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm	Pd ppm
CDN-BL-Q-1	< 0.005	< 0.005	<.005	< 0.005	<0.001	<.001	<.005	0.001
CDN-BL-Q-2	< 0.005	< 0.005	<.005	< 0.005	<0.001	<.001	<.005	0.001
CDN-BL-Q-3	< 0.005	< 0.005	<.005	< 0.005	<0.001	<.001	<.005	<0.001
CDN-BL-Q-4	< 0.005	< 0.005	<.005	< 0.005	<0.001	<.001	<.005	0.001
CDN-BL-Q-5	< 0.005	< 0.005	<.005	< 0.005	<0.001	<.001	<.005	0.001
CDN-BL-Q-6	< 0.005	0.005	<.005	< 0.005	<0.001	<.001	<.005	<0.001
CDN-BL-Q-7	< 0.005	< 0.005	<.005	< 0.005	<0.001	<.001	<.005	<0.001
CDN-BL-Q-8	< 0.005	0.007	<.005	< 0.005	<0.001	<.001	<.005	<0.001
CDN-BL-Q-9	< 0.005	< 0.005	<.005	< 0.005	<0.001	<.001	<.005	0.001
CDN-BL-Q-10	< 0.005	< 0.005	<.005	< 0.005	<0.001	<.001	<.005	0.001

Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. nor Barry Smeec accept any liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by

Duncan Sanderson
Duncan Sanderson, Certified Assayer of B.C.

Geochemist

B. Smeec
Dr. Barry Smeec, Ph.D., P. Geo.

Appendix V: Blackwater West Rock Sample Data

Sample #	Easting	Northing	B/S/O	Description	Ag (ppm)	Au (ppm)
132351	369421	5895093	O	Light green tinted, fine grained rhyolite lapilli/ ash tuff with lapilli/ ash to 3mm throughout. Very minor very fine grained silver mineral. Minor brown ?Gt?. Very minor Ht on surfaces	0.05	<0.01
132352	369712	5895068	S	60cm x 70cm boulder. Porphyry Andesite to Dacite with Hb porphyroblasts to 1cm, Qz to 5mm, and Bt to 3mm-- all patchy throughout. Goet on fractures.	0.06	<0.01
132353	369920	5895068	O	Ser-Chl altered, light green to tan Rhyolite to Dacite. Locally black tinted. Local mm scale laminae.	0.01	<0.01
132354	370000	5895778	S	Light tan to green, fine grained, massive RHY with oxidized fractures and Lim-Goet patchy pervasive.	0.02	<0.01
132355	369738	5896810	O	VBX-- volcanic agglomerate with Feld lapilli, andesite clasts, Qz clasts, and a felsic matrix. Some Qz sand as rock is very friable-- little or no sulphides.	0.05	<0.01
132356	369721	5896971	O	VBX-- highly weathered volcanic agglomerate. Rock has been Sil'd and weathered dark brown. Feldspar euhedral xtals to 3mm and clasts to 2cm. No visible sulphides.	0.03	<0.01
132901	371732	5894871	S/O	Rhyolite - medium grey in colour, silicified, dark brown to black oxidation	0.02	<0.01
132902	371902	5895832	B	Rhyolitic XT - macrocrystals, euhedral garnets, light grey matrix, light through dark grey crystals	0.04	<0.01
132903	371083	5896061	S	Rhyolitic XT - garnets with quartz halo, silicification	0.02	<0.01
132904	368057	5894962	B	Suspected volcanic breccia/agglomerate - boulder 1.5-2 metres, light grey matrix, dark grey to black crystals 1-4mm, euhedral garnets	0.05	<0.01
132905	368055	5895511	B/S	Suspected andesite tuff - angular boulder, 3m, medium grey to brown matrix, 1-2mm amphibole crystals, significant oxidation and weathering,	0.06	<0.01
132906	368144	5895705	B	Rhyolite - 2mx1m, pink/grey, silicified	<0.01	<0.01
132907	367328	5895515	S/O	Andesite - 5x4m, angular, pink in colour, silicified, dark grey crystals 1-2mm	0.01	<0.01
132908	370131	5896751	B	Vbx - grey matrix, black, white & grey clasts and crystals 1-4mm	0.05	<0.01
132909	370117	5896751	S	Vbx - oxidization present, medium grey to green matrix, medium grey & dark brown clasts 1-10mm, crystals of feldspar, quartz and amphibole	0.03	<0.01
132910	371530	5896730	B	Vbx - medium brown matrix, clasts and crystals 1-5mm, quartz and plagioclase, clasts white and grey	0.08	<0.01
132911	370319	5897389	O	Andesite tuff -20m x 20m, mafic matrix with plagioclase crystals, green/grey inclusion,	0.07	<0.01
132913	370140	5896805	O	Vbx - 10x5x2m, medium grey matrix, white, grey, brown & black clasts, white & grey crystals, silicification	0.06	<0.01

132914	370292	5895405	O	Rhyolite - medium grey to green matrix, possible dacite inclusion, silification, chloritization	0.02	<0.01
132915	370320	5895225	O	Rhyolite - white to medium grey, silicified	0.15	<0.01
132916	370320	5895225	O	Rhyolite - medium grey in colour, silicified, top of the mountain, well rounded outcrop	0.02	<0.01
132917	370508	5894628	O	Rhyolite - very angular and fractured outcrop, about 30 m x 15m, light grey/green to white, powdery, possible chlorite, sericite and kaolinite alteration, weak silification, red/pink/white "impressions" - circular with radiations out from the centre	0.03	<0.01
132918	370484	5894538	O	Rhyolite - angular and fractured outcrop, area is 4x2m but lots of angular rubble surrounding, white matrix, patchy kaolinite alteration, silicification	0.03	<0.01
132921	370395	5894825	O	Andesite - burgundy to dark brown, fine scale banding, angular and fractured outcrop, mostly covered by vegetation, low relief, 20m x 10m	0.05	<0.01
132922	370420	5894502	O	Andesite - burgundy/green/grey/white, chlorite and kaolinite alteration, outcrop mostly covered with vegetation, low relief, fractured, lots of rubble, 20mx20m	0.04	<0.01
132851	370995	5896897	O	RHY boulder: 1.5X1.5 m. Alteration visible – chlorite, silicious. Heavily weathered	0.09	<0.01
132852	370519	5897953	O	AND from 3 separate tongues of dacite intercalated with AND; each ~ 30 cm wide; large olivine (?)	0.06	<0.01
132853	370512	5897956	O	DAC from 3 separate tongues of dacite intercalated with AND; each ~ 30 cm wide; large olivine (?)	0.09	<0.01
132854	370503	5897995	S/O	VBX (And) subcrop-outcrop: 3.5X3.5 m (min. can't discern due to overburden)	0.12	<0.01
132855	369700	5894852	O	VBX outcrop: ~15X30m. Clasts 2-8mm	0.02	<0.01
132856	370364	5894612	O	AND-Dacite outcrop: 5.0X10.0m. Very intermediate in tone; Si-alterations; weakly laminated. Small and crystals visible (~2mm); uniform matrix	0.05	<0.01
132357	371919	5894892	B	AND boulder in area of multiple boulders. Dark grey-maroon vfg with Feld p'blasts and minor fg Qz. Patchy weak Ht and local Goet-Ht-grey stain. No sulphides seen.	0.06	<0.01
132358	368092	5894956	B	Silicified RHY-- ~80% Sil with interstitial Lim-Ht fill and minor Feld-Kspar. Massive and cherty.	0.03	<0.01
132359	368100	5895445	B	Vuggy amygdoidal basalt-andesite. Yellow Qz amygdules. Silver-black metallic trace. Black weathering.	0.07	<0.01
132360	N/A	N/A		BLANK	<0.01	<0.01
132361	369755	5895180	B	VBX boulder-10m diameter in zone of same. Corroded, friable with abundant Feld-Kfeld-Hb-Bt xtals and RHY clasts to 1cm. Minor Lim-Goet-Ht. No sulphides seen.	0.03	<0.01

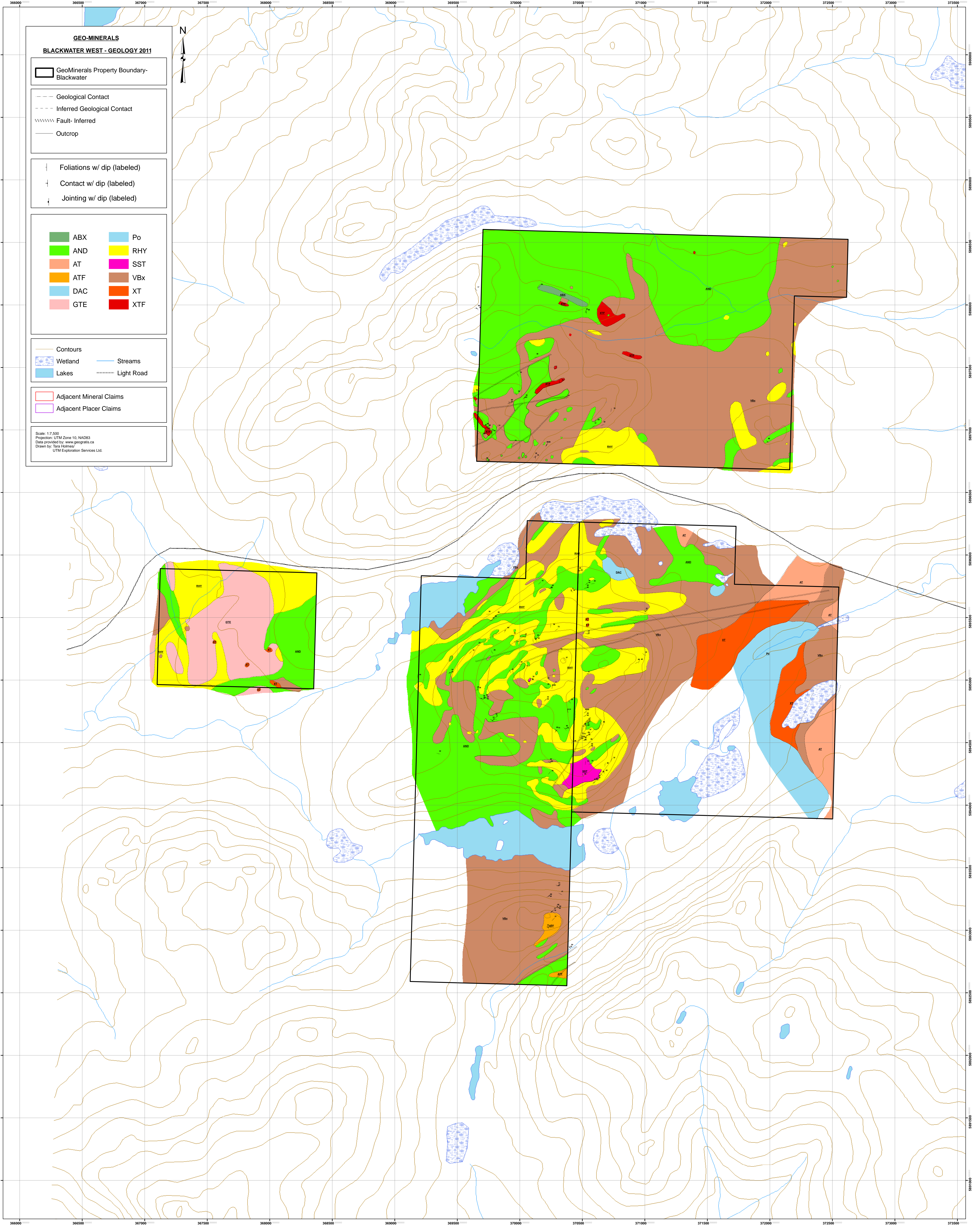
132362	372063	5897267	B	Ht altered RHY with minor flow bands. Black weathering within (?Goet?). Ht on fractures and as stain. No sulphides seen.	0.14	<0.01
132363	370157	5898143	O	ABX-AND O/C with AND clasts to 7mm and Feld xtals to 2mm. Maroon matrix with maroon and dark green clasts. Patchy Chl-Epi alteration of Feld xtals. No sulphides seen.	0.04	<0.01
132364	370230	5897431	B	ABX boulder (50cm)-angular but strongly weathered. ABX is silicified with AND clasts and patchy Feld-Kfeld xtals to 4mm. Patchy intense Ser-Chl alteration of Feld. Weak local Goet-Ht-Lim. No sulphides seen.	0.05	<0.01
132365	370318	5893917	B	Boulder-Chl-Sil-Ser altered RHY to DAC with 2% dark green or maroon AND clasts to 1cm. Weak Lim in patches and surrounding clasts to 1cm. 1-2% Gt xtals to 2mm-some with Sil-Kao rinds. ~ 0.2% Py xtals to 1mm. 1 x 2mm Aspy obelisk xtal seen.	0.05	<0.01
132366	370455	5894202	S	Layered silicified siltstone-very strongly silicified and potassic altered (pink in colour)?80%+ Sil with mm to cm scale bands. Appears from bimodal (RHY-AND) provenance with light and dark pink-maroon layers (varve-like appearance). Pitted/ sub mm scale vugs. Black weathering on fractures and weak Lim. White weathering on surface.	0.04	<0.01
132367	370266	5893283	B-S	Weakly Kao and strongly Sil altered VBX 3m B-S/C. Mixed clasts to 2cm, abundant Qz eyes and xtals to 1cm. Weakly Chl altered Feld xtals to 3mm. Minor Gt and Hb xtals to 2mm. Lim surrounding some clasts. Colour light grey to tan with local pink tint.	0.15	<0.01
132368	370268	5893186	O	Cream to tan coloured massive RHY O/C clast (size of a house) in VBX with pervasive intense Sil alteration and very weak Kao. Rock is >85% Sil including Qz-Feld-Kspar xtals <1mm. Weak Ht-Lim on fractures-no sulphides	0.05	<0.01
132369	370266	5893075	O	Highly silicified AND O/C-dark green/maroon mix with patchy ash (Feld xtals to 3mm 7%). Rock has changed from previous dark green grey to North. Weak Lim-Ht in fractures.	0.09	<0.01
132370	N/A	N/A		STANDARD CDN-CM-12-- 0.686 +/- 0.072 g/t Au, 0.917 +/- 0.044% Cu, 0.112 +/- 0.012% Mo	3.37	0.54
132371	369651	5894994	B	1.5m boulder. Highly silicified AND with weak spotty ash or lapilli. Maroon colour has been altered to weak grey-brown-maroon with milky Qz eyes to 7mm and sinuous/ discontinuous Qz-Feld-Kspar veinlets to 5mm. Veinlets have gossaneous Lim-Goet halos. (Py) xtals to 2mm disseminated throughout.	0.04	<0.01

132372	369843	5894506	B	1.5m x 1.5m RHY boulder with intense Pot-Chl and weak Sil alteration. Lim on fractures. ?Gt? stain. <1mm xtal of a blue-silver ?sulfosal? and (Py) seen.	0.05	<0.01
132373	370539	5896070	B	GPS only able to get reading within 15m. RHY 1m angular B in area where many others seen. Tan- buff- light grey, fine to medium grained, weakly Sil. Chl-Ser- Lim-Ht all weak and patchy-often interstitial for Lim-Ht. Red rectangular elongated mineral 1% to 3mm-resinous and perfectly euhedral. Black weathering at surface of rock-Goet? Py 2% weakly disseminated as fg xtals and to euhedral xtals to 3mm-often as coating around red mineral.	0.02	<0.01
132374	370553	5895974	S	weakly banded RHY S/C-grey-tan-salmon, fg. Pervasive strong Sil and weak Kao. Red jasper-like (AND?) clasts to 3mm and red (Fe?Pot?) patchy stain. Weak to moderately pervasive Lim. Qz veinlets and vfg dark brown (?Gt?). No sulphides seen but Lim indicates presence.	0.05	<0.01
132375	370540	5895369	O	RHY O/C-very light green- tan-pink vfg RHY-RFB. Sil-Chl- Kao pervasively altered with cm-dm scale banding. Black-brown weathering and friable. Lim spots and fracture fill throughout. No sulphides seen.	0.01	<0.01
132376	370998	5895621	B	1m x 40cm buried boulder. Tan/ buff to salmon cream, fg RHY with patchy banding and minor RHY clasts (1%) to 6mm. Unit is Kao-Sil pervasively altered and there is Lim throughout as a stain and on fractures. No sulphides seen.	0.02	<0.01
132377	370585	5896020	S	Boulder to Subcrop-buried in area of same. Cream- light green-dark grey-red/brown RHY. Sil-Kao=Chl altered. Medium grained and likely recrystallized. Patchy light brown fg xtals-appears to be Lim replacement of Py or Gt. Ht-Lim on fractures, weakly gossaneous. Py -(Sph) disseminated throughout as meg euhedral xtals.	0.02	<0.01
132378	370580	5896004	S	Cream to light grey 1m x 1.5m RHY boulder/ subcrop. Rock has local flow banding and is mg with weak Sil-Kao alteration. Lim-(Ht) on fractures and 1% Py xtals to 2mm and mystery mineral-wurtzite?	0.03	<0.01
132379	370559	5896015	S	cream to salmon (potassic alteration?), fg RHY-RFB boulder to subcrop. Pervasive Sil-Kao alteration and Lim throughout. Black weathering and Lim on fractures and as stain. Py 0.5% as xtals to 2mm.	0.03	<0.01

132381	370564	5896014	S	light grey- buff with orange-brown Lim stain throughout, fg RHY with minor flow banding. Strongly Sil altered/ flooded with brown Lim spots throughout. Lim as stain and on fractures. Py 0.5% as disseminated fg xtals <1mm.	0.06	<0.01
132382	370556	5895997	S	buff to locally salmon (potassic alteration?) coloured, fg RHY boulder to subcrop. Rock is pervasively Kao-Sil-Lim altered with strong Lim on fractures as well as stain. Py 1% as disseminated euhedral xtals to 2mm.	0.04	<0.01
132383	370565	5895998	S	Boulder to subcrop bimodal to Dacite with local medium grey-light green-maroon local colouring. Fg. Sil-Chl-Ser altered. Rock varies locally from RHY-Bimodal-DAC-AND. Minor Lim-Ht on fractures. Brown spots-Lim replacement of Py-Gt? Black weathering just below surface. Py 0.5% as disseminated xtals.	0.02	<0.01
132384	370583	5895992	B	light green with black-orange stain, 4m x 2m RFB boulder to subcrop-heavily weathered. Sil-Ser-Chl-Kao altered with black streaks and Lim spots, stain, and fracture fill throughout. No sulphides seen but strong Lim indicates they have been replaced.	0.02	<0.01
132384	370583	5895992	B	light green with black-orange stain, 4m x 2m RFB boulder to subcrop-heavily weathered. Sil-Ser-Chl-Kao altered with black streaks and Lim spots, stain, and fracture fill throughout. No sulphides seen but strong Lim indicates they have been replaced.	0.02	<0.01
132385	370845	5895470	B	Boulder- 1.5 x 1m-highly corroded, weathered, and friable RHY. Lim-Goet-Kao throughout. Few features discernible due to corrosion.	0.02	<0.01
132386	370610	5895997	B	RHY 1m boulder to subcrop at end of RHY tongue. Sil-Ser altered RHY-RFB with abundant Feld-Qz eyes. Highly friable with a sugary texture-Kao alteration weak. Strong Lim-Ht alteration of Feld eyes, vugs, fractures, and as stain-weak local gossan-no sulphides seen.	<0.01	<0.01
132387	370597	5895998	B	Buried 1m+ RHY boulder to subcrop. Flowbanded and mixed with AND-DAC locally. AND is maroon and appears to have been picked up by the RHY while still cooling. Sil-Ser altered with fg black-brown ?Gt?, mystery mineral, and Qz-Feld xtals. Lim-Ht patchy pervasive and as vug fill (vugs locally to 1mm). Weak gossan. Local Py 2% as coating on mystery mineral and as xtals to 5mm-often euhedral and including a 12 x 5mm xtal cluster.	0.07	<0.01

132388	370777	5895870	B	RHY boulder-60cm x 90cm-cream coloured with a pink tint semi-massive RHY. Pervasively Sil-Kspar-Ser altered with weak patchy Lim-(gossan). Fine grained (Gt) and 0.5% mystery mineral-often in association with Py 1% disseminated as fracture fill, fine grained xtals, coatings, and blebs/ clusters of xtals. (vfg silver mineral) weakly disseminated.	0.03	<0.01
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Appendix VI: A Geological Map of the Blackwater West Claims



GEO-MINERALS
BLACKWATER WEST - GEOLOGY 2011

GeoMinerals Property Boundary-Blackwater

Geological Contact
Inferred Geological Contact
Fault- Inferred
Outcrop

Foliations w/ dip (labeled)
Contact w/ dip (labeled)
Jointing w/ dip (labeled)

ABX	Po
AND	RHY
AT	SST
ATF	VBx
DAC	XT
GTE	XTF

Contours
Wetland
Lakes
Streams
Light Road

Adjacent Mineral Claims
Adjacent Placer Claims

Scale: 1:7,500
Projection: UTM Zone 10, NAD83
Data provided by: www.geogistics.ca
Drawn by: Tara Holman
UTM Exploration Services Ltd.