BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
REPORT ON DATA COMPILATION, DIAMOND DRILLING AND SILT SURVEY	$820,280.00

AUTHOR(S) JOHN MAIR, GERRY BIDWELL SIGNATURE(S) [signatures]

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-13-128, APPROVAL 06-1300308-0720 YEAR OF WORK 2006

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) SEE ATTACHED

PROPERTY NAME MESILINKA, KLIYUL

CLAIM NAME(S) (on which work was done) SEE ATTACHED

COMMODITIES SOUGHT COPPER, GOLD

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN

MINING DIVISION NTS

LATITUDE 56 ° 22 ' 19.2 " LONGITUDE 125 ° 58 ' 8.4 " (at centre of work)

OWNER(S)

1) GEOINFORMATICS EXPLORATION CANADA LTD. / NORWEST ENTERPRISE
2) COMMANDER RESOURCES LTD.

MAILING ADDRESS

1) 304, 700 WEST PENDER, VANCOUVER B.C. V6C 1G8
2) 510-510 BURRARD STREET, VANCOUVER B.C. V6C 3A8

OPERATOR(S) [who paid for the work]

1) GEOINFORMATICS EXPLORATION ~~LTD.~~ CANADA LTD.
2)

MAILING ADDRESS

AS ABOVE

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

QUESNELLIA, TAKLA GROUP VOLCANICS, HOGEM BATHOLITH, ABRAHAM CREEK COMPLEX
LATE TRIASSIC TO EARY JURASSIC AGE.
COPPER, GOLD MINERALISATION, PORPHYRY AND SKARN DEPOSIT TYPES
PROPYLLITIC, POTASSIC, PHYLLIC ALTERATION

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 23797, 27972, 26530
28264

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other CAPTURE AND REPROCESS IP & MAGNETICS			40,000.
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			241,820
Rock			
Other (LABOUR, CAMP COSTS, TRANSPORT)			
DRILLING (total metres; number of holes, size)			
Core			336926
Non-core (LABOUR, CAMP COSTS, TRANSPORT)			
RELATED TECHNICAL			
Sampling/assaying CORE, SILTS			21,838
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other DATA CAPTURE, COMPILATION TARGETTING			179696.
		TOTAL COST	820,280.00

Kliyul - Mesilinka Assessment 2006 Work (applied Feb/07)

Property	Block	Date	No. of Claims	Event No.	Work Amount Used	Assessment Required	PAC	Fees
Kliyul	Block 1	16-Feb-07	40	4133112	100,000.00	46,938.87	53,061.13	4,706.74
Kliyul	Block 1a	21-Feb-07	47	4133956	60,000.00	4,580.87	55,419.13	229.67
Kliyul	Block 2	15-Feb-07	62	4132905	150,000.00	70,042.37	79,957.63	6,995.06
Kliyul	Block 3	16-Feb-07	51	4133031	150,000.00	56,450.65	93,549.35	5,647.80
Total					**460,000.00**	**178,012.76**	**281,987.24**	**17,579.27**
Mesilinka	Block 4	16-Feb-07	60	4133170	80,000.00	73,754.26	6,245.74	7,393.53
Mesilinka	Block 5	20-Feb-07	37	4133736	80,000.00	33,638.34	46,361.66	3,372.25
Mesilinka	Block 6	20-Feb-07	4	4133739	8,000.00	5,011.87	2,988.13	502.56
Mesilinka	Block 7	20-Feb-07	48	4133750	62,000.00	60,176.70	1,823.30	6,034.16
Mesilinka	Block 8	20-Feb-07	16	4133742	9,000.00	8,507.55	492.45	853.09
Mesilinka	Block 9	20-Feb-07	9	4133748	5,000.00	4,798.99	201.01	481.21
Mesilinka	Block 10	26-Feb-07	8	4134630	3,000.00	2,016.31	983.69	202.05
Total					**247,000.00**	**187,904.02**	**59,095.98**	**18,838.85**
Kliyul-Mesilinka Total					**707,000.00**	**365,916.78**	**341,083.22**	**36,418.12**

Claims:

Yul 9-12, Kli 51-70, Mes 1-9, Moc 1-20, Joh 1-10, Ten 1-144, Nell 1-74, Kli 1-28, 39-50, UTA 4, 6, 8, Yul 7, 8, Mes 10
Abe 7-11, Pal 1-5, Aten 1-7, Mate 1,2, Mat, Tut 1,2, Ringo, Starr, KC, PGE, Westend, Eastside, Bingo, 1 more Bango, 2 more Bingo,

2006 Assessment Report

Mesilinka Project

Claims: Yul 9-12, Kli 51-70, Mes 1-9, Moc 1-20, Joh 1-10, Ten 1-144, Nell 1-74, Kli 1-28, 39-50, UTA 4, 6, 8, Yul 7, 8, Abe 7-11, Pal 1-5, Aten 1-7, Mate 1,2, Mat, Tut 1,2, Ringo, Starr, KC, PGE, Westend, Eastside, Bingo, 1 more Bango, 2 more Bingo, Mes 10

Report on Data Compilation, and Exploration for Copper-Gold Porphyry and Skarn Deposits

Omineca Mining Division

NTS 94D03-05, 94D08-10, 94D15-16

Claim Owners: Geoinformatics Exploration Canada Ltd, Commander Resources Ltd, Norwest Enterprises, Kennecott Canada Exploration Inc.

Claim Operators: Geoinformatics Exploration Canada Ltd.

Report By

John Mair

Gerry Bidwell

May 2007

Geoinformatics Exploration Canada Ltd.

Suite 304, 700 West Pender Street

Vancouver, British Columbia, Canda

V6C 1G8

Executive Summary

The Mesilinka Project is a regional project in central to northern British Columbia that comprises numerous Cu-Au alkalic porphyry and skarn deposit targets. The project encompasses a total of 359 claims with an area of 126,664 hectares. The project area is predominantly underlain by Mesozoic island arc assemblages of Quesnel Terrane with a small area at the northern end of the project area underlain by similar arc assemblages of Stikine Terrane. The project is located between the Kemess porphyry Cu-Au deposits to the north (Kemess North – 407 Mt @ 0.22% Cu, 0.4 g/t Au), and the Lorraine porphyry Cu-Au deposit (31.9 Mt @ 0.66% Cu, 0.17g/t Au, 4.7 g/t Ag) to the south.

The majority of claims are owned by Geoinformatics Exploration Canada Ltd, with a number of optioned claims owned by Commander Resources Ltd and Norwest Enterprises.

In 2006, a significant database was generated through the digital capture of geochemical, geological and geophysical datasets. This aided in constraining target areas within the large project area. Field programs included a stream sediment sample program in which 226 samples were collected that identified several catchments with strongly anomalous Cu and Au values. These anomalous regions will be followed up in 2007. In addition, a two hole diamond drill program was undertaken on the Kliyul Cu-Au skarn prospect. The program produced the most significant intercept from the project to date, with an intercept of 217.8 m @ 0.23% Cu and 0.52 g/t Au.

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1 Introduction

1.1 Preamble

This report describes the work completed by Geoinformatics Exploration Canada Ltd (Geoinformatics) in 2006 on the Mesilinka project. The project is focused on exploration for Cu- and Au-rich porphyry type deposits within central to northern Quesnel Terrane, British Columbia (Fig. 1). The field work followed an extensive phase of digital data capture, integration and interpretation, and subsequent regional target generation. The majority of the field work undertaken was reconnaissance in nature, and aimed to identify prospects within the broad project area, to be followed up on in 2007. Reconnaissance work was focused toward areas of interest that were identified from the datasets compiled from public domain data. A 226 stream sediment sample program was conducted over the southern portion of the project area, where compiled stream sediment data was deemed insufficient. In addition, a two hole diamond drill campaign totaling 751.5m on the previously-drilled Kliyul Cu-Au skarn aimed to further evaluate its economic potential.

1.2 Project History

In 2006, Geoinformatics staked a significant land holding in northern Quesnellia and eastern Stikinia, between the Lorraine Cu-Au deposit in the south and the Kemess Cu-Au deposit in the north (Fig. 1). The area was staked following regional targeting exercises that identified the region as being highly prospective for intrusion-related Cu-Au porphyry and skarn mineralization. The staked claims form two blocks; a large southern block extending from Tenakihi Creek to Johanson Lake, and a smaller block to the north in McConnell Range area. Collectively the project area is referred to as the Mesilinka Project, after the Mesilinka River which transects the southern claim block. The area includes the Kliyul Cu-Au prospect located at the headwaters of Kliyul Creek. Numerous other Cu-Au prospects occur in the region with most located on small claim blocks held by other parties. The claim holding was subsequently increased through option agreements with

Commander Resources Ltd and Norwest Enterprises that consolidated Geoinformatics' project area in the region.

1.3 Tenure

In total Geoinformatics' Mesilinka Project encompasses 359 claims that cover 126,664.29 hectares. Of that total, 10 claims are owned by Norwest Enterprises (optioned by Geoinformatics), 25 claims are owned by Commander Resources Ltd (optioned by Geoinformatics), 47 claims are owned by Kennecott (quit-claimed to Geoinformatics), and the remaining 276 claims are owned by Geoinformatics. The details of claim status, ownership, tenure number, and ownership are listed in Appendix 1.

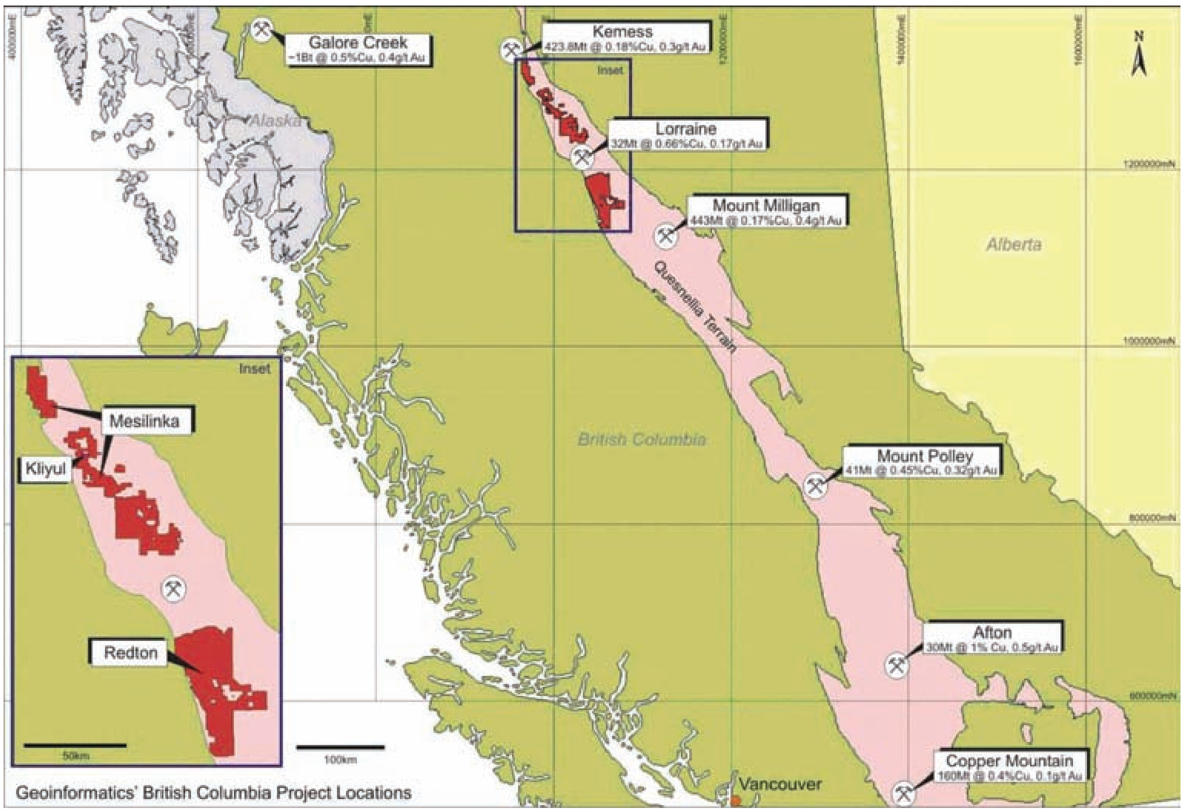

Figure 1. The location of Geoinformatics' British Columbia Cu-Au project areas with Quesnellia. The Mesilinka project area consists of the two northern claim blocks (see inset).

1.4 Location and Access

The Mesilinka project area extends over parts of NTS sheets 094D15, 094D16, 094D10, 094D09, 094D08, 094C03 - 05. The southern claim block straddles the northeastern margin of the Hogem Batholith, within Quesnel Terrane. The northern block occurs on the western side of the Pinchi Fault in eastern-most Stikine Terrane, and is mostly underlain by Takla Group volcanic rocks, and felsic to intermediate intrusions of the Black Lake suite. Together the claim blocks occupy a highly prospective corridor between the Kemess Cu-Au deposits in the north and the Lorraine Cu-Au deposit to the south.

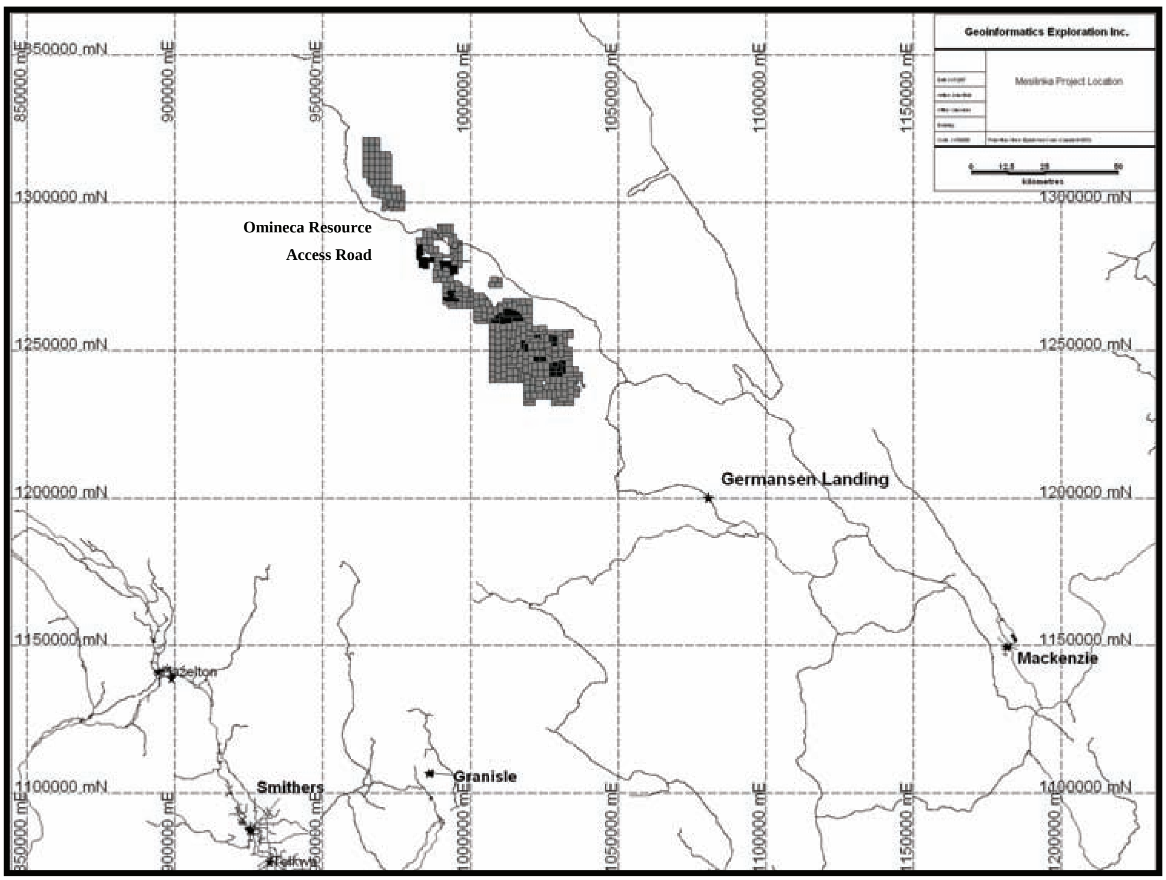

Figure 2. The location of Geoinformatics Mesilinka project area with respect to towns in central British Columbia. The project area is best accessed via the Omineca Resource Access Road.

The southern end of the Mesilinka Project area is located approximately 150 km NW of Mackenzie, B.C. (Fig. 2). Direct access to the two claim blocks is restricted by the rugged terrain; however the general area can be accessed from the Omineca Resource Access

Road from Fort St James. A network of logging roads then extend from the Omineca Resource Access Road up the valleys into the Mesilinka project area. Airstrips are present at Johanson Lake, located between the two claim blocks, and at the Osilinka logging camp located to the east of the southern claim block.

1.5 Topography and Vegetation

The geomorphology of the Mesilinka project is characterized by rugged peaks and ridges of the Omineca Mountains. The highest peaks in the region extend to elevations of up to 2400m asl, whereas major valleys in the area are at approximately 1000m asl.

Vegetation varies from forested valley bottoms of white spruce and pine to alpine vegetation above tree line. Scrub alpine fur and willow are locally dense near the timberline.

1.6 Historical Work

The Mesilinka Project area has been subject to a number of preliminary exploration campaigns of regional scale, with only minor detailed work on specific prospects; the most notable being the Kliyul Cu-Au prospect.

In the later 1960's and early 1970's Union Miniere Exploration and Mining Corp. Ltd (UMEX) of Montreal conducted extensive regional exploration in the north-central British Columbia, over part of the Mesilinka Project area. Work was carried out by Dolmage Campbell & Associates Ltd. Detailed regional silt surveying was completed followed by select airborne magnetic surveying and follow-up prospecting, mapping, soil sampling along with ground magnetic and induced polarization surveying.

In 2000, Phelps Dodge Corporation conducted preliminary soil, bedrock and silt sampling and geological mapping in the Tenakihi Creek region, which is located near the southern end of the Mesilinka Project area. Of 83 grab samples, 23 returned greater than 0.5% Cu, with 8 samples containing greater than 2% Cu (Kula, 2001). Monzonite to monzodiorite intrusions were documented in the area, along with propylitc and minor potassic alteration.

The area surrounding the headwaters of Kliyul Creek has received multiple exploration campaigns that commenced in the early 1970's. Prior work includes soil and rock chip sampling, electromagnetic and induced polarization surveys, ground and aeromagnetic surveys, detailed geological mapping, six reverse circulation drill holes and twenty three diamond drill holes. The majority of these drill holes were targeted on a magnetic high that is approximately 350 x 450m. The magnetic high represents a Cu-Au bearing magnetite-rich skarn. Drill holes did not exceed vertical depths of 120m, with the majority of holes drilled to vertical depths of <100 m. A detailed summary of prior work on the Kliyul prospect is summarized in Gill (1994).

A series of Cu-Au porphyry prospects are located on claims optioned from Commander Resources. These include the Abe, Pal, Mate, Tut and Aten prospects. Considerable past work has taken place on the Abe prospect, including ground magnetics and induced polarization, extensive soil and rock chip sampling, and ten diamond drill holes, and is summarized by Kalhert (2005).

2 Regional Geology

The Mesilinka Project area is situated within Quesnel Terrane, an accreted Mesozoic island arc that forms a linear belt approximately 1600 km long. The terrane is dominated by equivalent volcano-sedimentary sequences of the Upper Triassic to Lower Jurassic Takla, Nicola, and Stuhini groups. Co-eval intrusions are scattered throughout. Post-accretionary felsic intrusions of Cretaceous age are also hosted within Quesnellia. Numerous Cu-Au porphyry deposits and abundant prospects and occurrences have been documented through the entire belt, and are associated with high-level intrusions of Late Triassic to Early Jurassic age. Isolated molybdenum deposits are mostly associated with Cretaceous intrusions.

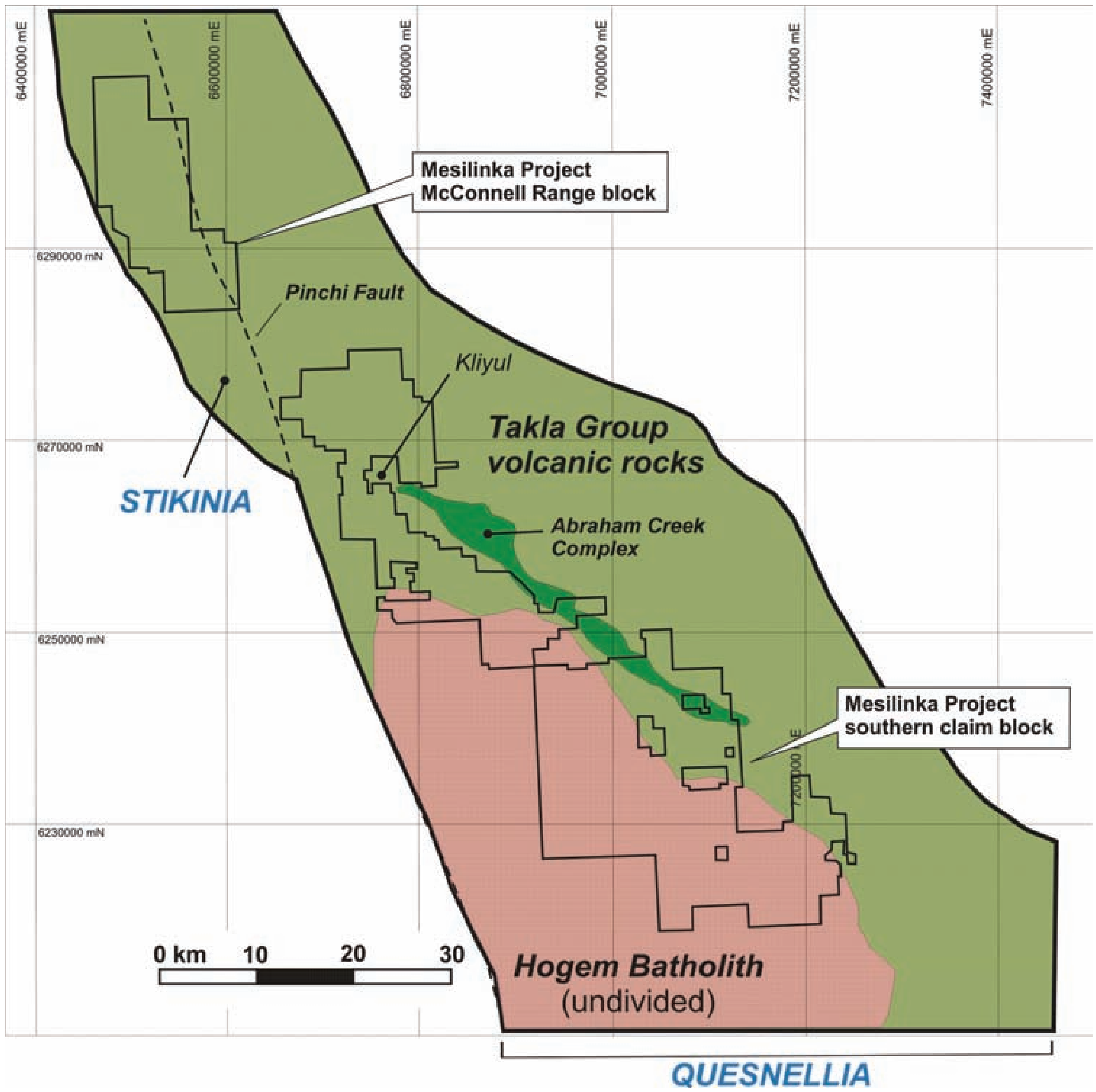

Figure 3. Simplified geology of the Mesilinka project area. Simplified from the BCGS 1:250,000 scale geological map (UTM NAD 83, Zone 9).

Nelson and Bellefontaine (1996) suggest the tabular form of several intrusions in central Quesnellia indicate arc-parallel structures that were active during emplacement. Geoinformatics also interpreted deep-level, belt-parallel structures from the geophysics. Also recognised were relatively evenly spaced (20-30km spaced) deep-level north-east trending cross-arc structures (Worth and Bidwell, 2006). These appear to post-date the belt-parallel structures but may have also been active during the island arc formation of the Quesnel terrane. Within this regional framework, numerous smaller faults of north-west, north-east and west-north-west orientation occur within the project area. Less frequent north-trending faults also occur. Any folding present within the project area is thought to be gentle, with dips on bedding measurements generally less than 30 degrees except when close to intrusive margins or faults.

The Mesilinka Project area is dominantly underlain by intermediate volcanic and volcaniclastic rocks of the Takla Group, and intrusions of the polyphase Hogem Batholith and Abraham Creek Complex (Fig. 3). The Hogem Batholith comprises dominantly intermediate to felsic rocks of alkalic affinity, with a younger granitic core of Cretaceous age. The Abraham Creek Complex is an elongate body that includes mafic cumulate phases, in addition to more evolved monzonitic and dioritic phases. Recent work by B.C. Department of Mines geologist Paul Schiarrizara compares the Abraham Creek Complex closely to the Iron Mask Batholith at Kamloops which hosts the large Afton copper-gold deposits. The Kliyul Creek region, where a small drill program was carried out in 2006, is underlain by a succession of variably calcareous volcaniclastic siltstones, and intrusive phases associated with the Abraham Creek complex.

2.1 Metamorphism

Rocks within the project area have generally undergone metamorphism to prehnite-pumpellyite grade and locally, adjacent to the Hogem batholith, greenschist facies (Nelson and Bellefontaine, 1996).

2.2 Mineral Deposit Styles

The Mesilinka project area is prospective for a number of deposit styles including alkalic porphyry copper-gold, gold and base metal skarn mineralisation, and structurally hosted epithermal gold mineralisation.

The principle style being targeted by Geoinformatics is alkalic porphyry copper-gold mineralisation. This style of mineralisation represents a very attractive target with potentially large tonnages and moderate gold and copper grades, such as occurs at Galore Creek (517.7Mt @ 0.59% Cu, 0.36g/t Au, 4.54g/t Ag). Other deposits of this type that occur within central Quesnellia include Mt Milligan (445Mt @ 0.215% Cu, 0.415g/t Au), Chuchi Lake (50Mt @ 0.21% Cu, 0.21g/t Au) and Lorraine (31.9Mt @ 0.66% Cu, 0.17g/t Au, 4.7g/t Ag) (MINFILE database, 2005).

Skarn mineralisation is often associated with porphyry deposits where limestones exist adjacent to the intrusions. A variably calcareous sequence of siltstones occur in the Kliyul Creek region, and are demonstrated to host skarn-type Cu-Au mineralization.

3 2006 Work

3.1 Data Compilation

During 2006, an extensive phase of data capture was undertaken to compile geological and geochemical databases for the broader Mesilinka project area. This comprised a thorough process of data capture and conversion to digital form for incorporation into the GIS environment. Data sets were subsequently integrated and interpreted, and utilized in Geoinformatics refined targeting process known as MOCA. The MOCA targeting process is a model driven method of targeting for mineral deposits using Monte Carlo probabilistic algorithms to generate porphyry Cu-Au targets (Worth and Bidwell, 2006). Open file data that was utilized includes published maps and technical reports, available regional geochemical datasets, and data obtained from ARIS reports available on the British Columbia geological survey website (http://www.em.gov.bc.ca/Mining/Geolsurv/Aris/default.htm). Figures 4, 5 and 6 illustrate the distribution of compiled geochemical data for stream, soil and rock samples.

An extensive database was established that consists of:

- 3168 stream sediment samples,
- 4491 rock samples
- 1455 soil samples
- 10 geophysical datasets including ground and aeromagnetic data, induced polarization surveys, electromagnetic surveys, and radiometric surveys
- mineral occurrence data from the BCGS Minfile database
- 40 drill holes, including both reverse circulation and diamond drilling
- over 30 geological outcrop maps

3.2 Field Work

In 2006 Geoinformatics Exploration ran an extensive field program over its Redton Project located further south of the Mesilinka Project area. The Redton field camp served as a base from which the majority of reconnaissance field work on Mesilinka was carried out. In addition, as small outpost camp was established at the headwaters of Kliyul Creek that consisted of three wall tents. This camp was supported by the larger Redton field camp, and served as a base for the small diamond drill campaign at Kliyul.

Stream Sediment Geochemical Survey

A stream sediment survey was undertaken to aid in delineating areas of interest within the large project area. The survey area, outlined in Figure 7 and 8, formed a corridor along the contact between the Hogem Batholith and Takla Group volcanic rocks (Fig. 3). This region overlaps the southern portion of the Abraham Creek complex. No stream sediment sampling was carried out on the northern McConnell Range block, as this area featured greater coverage of legacy data from previous campaigns by other explorers.

The survey was conducted over particularly rugged terrane and required full helicopter support, resulting in slow progress and overall high costs per sample. A total of 226 samples were collected on Geoinformatics ground, and were analysed for 37 elements by ICP-MS at Acme Laboritories in Vancouver, B.C. Copies of the assay certificates and sample locations (UTM NAD83 Zone 10) are presented in Appendix 2.

The survey did return numerous samples with highly anomalous Cu concentrations that constrain catchment areas of interest. Most notably, a series of catchments located toward the southeast end of the Mesilinka Project area returned a number of samples with highly elevated Cu and Au concentrations that will be an obvious area for follow up in 2007 (Figures 7 and 8). Of the samples collected, 13.3% contained >200 ppm Cu, and 3% of samples contained > 300 ppm Cu.

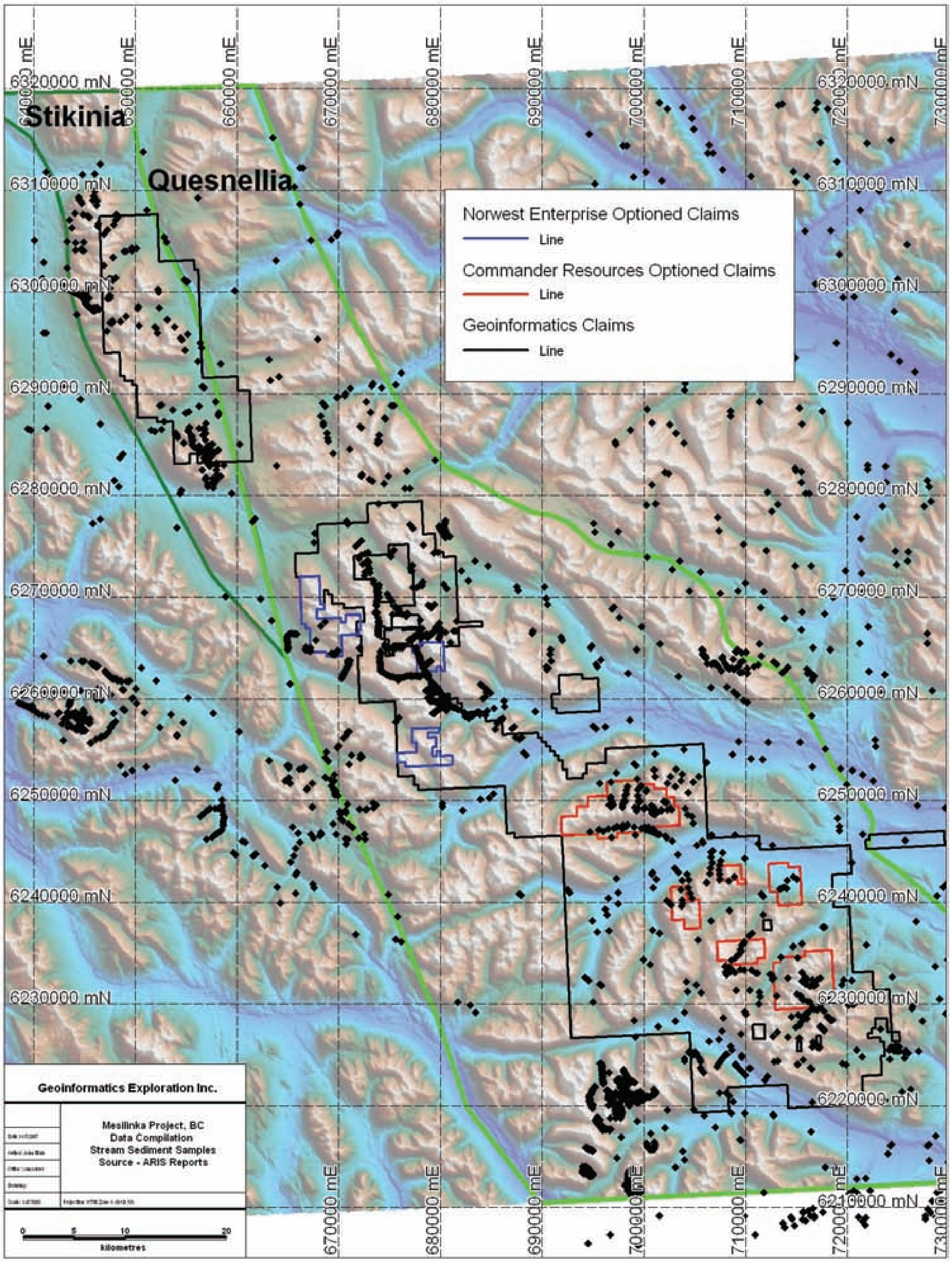

Figure 4. Stream sediment sample locations for samples compiled from ARIS assessment reports. Quesnellia is outlined by the light green line, whereas Stikinia is outlined by the darker green line. Coordinates are UTM NAD83 (Zone 9).

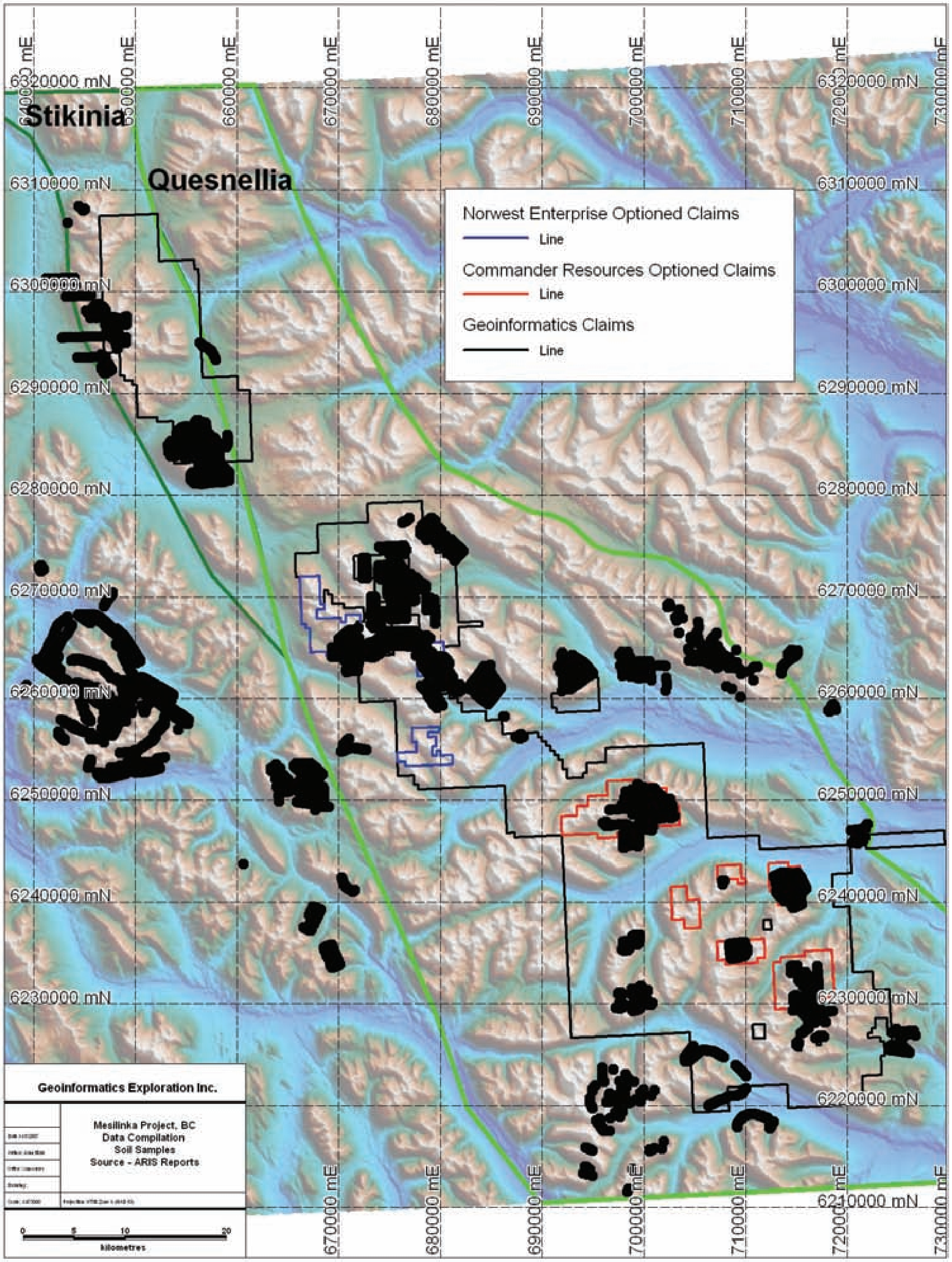

Figure 5. Soil sample locations for samples compiled from ARIS assessment reports (UTM NAD83, Zone 9).

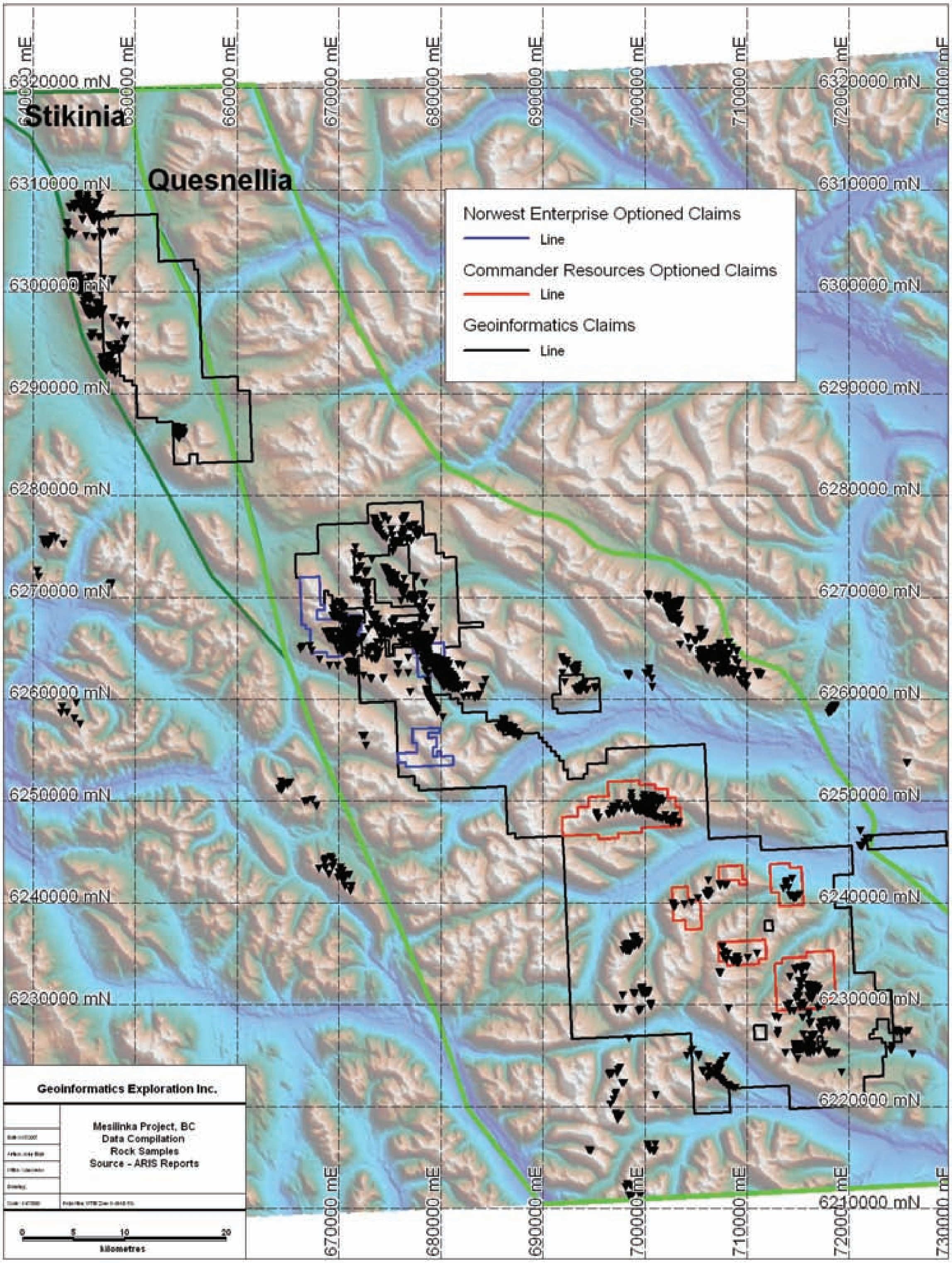

Figure 6. Rock sample locations for samples compiled from ARIS assessment reports (UTM NAD83, Zone 9).

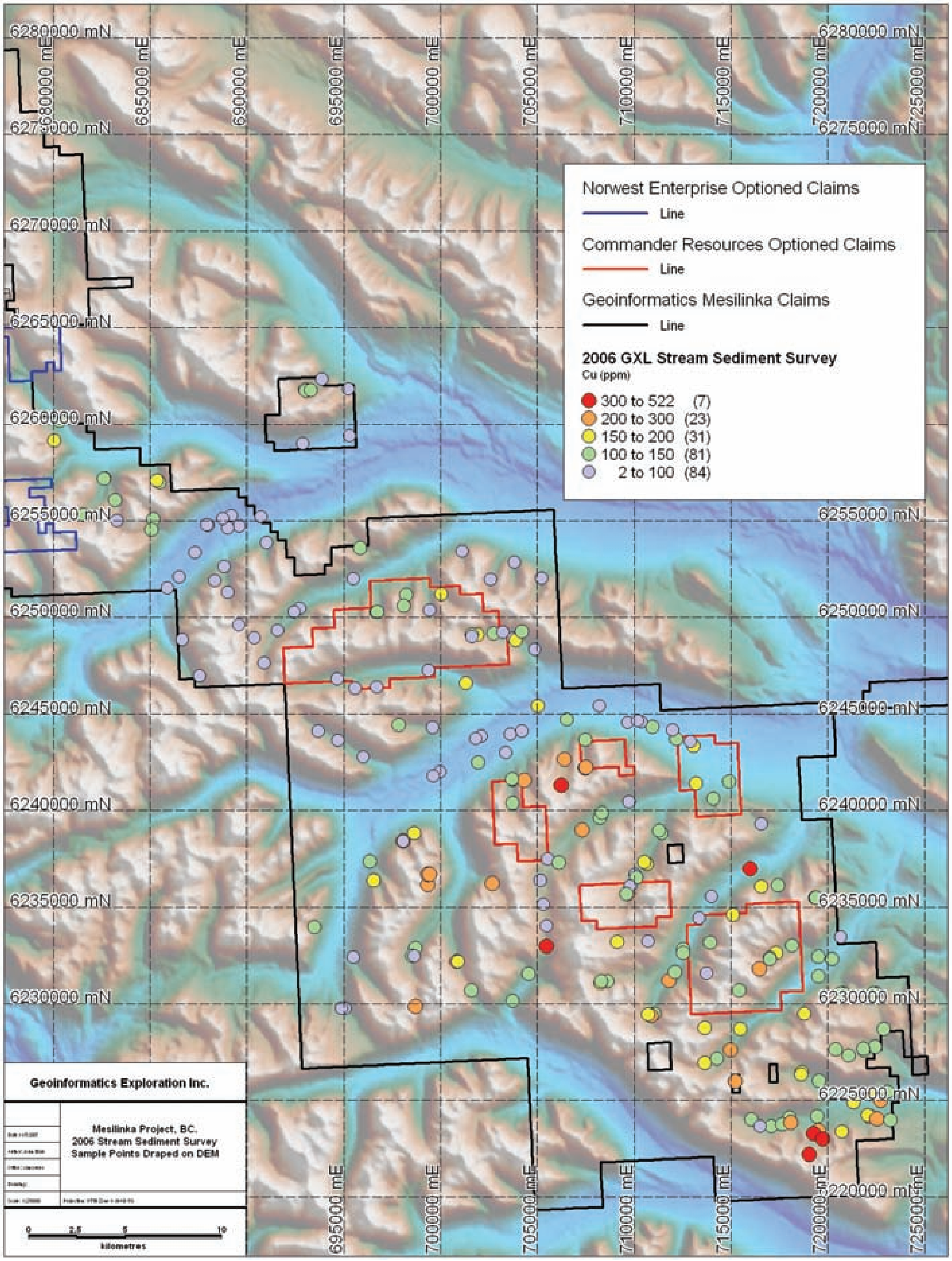

Figure 7. Geoinformatics 2006 stream sediment survey conducted over the southern Mesilinka claim block. Points are plotted by copper concentration (UTM NAD 83, Zone 9).

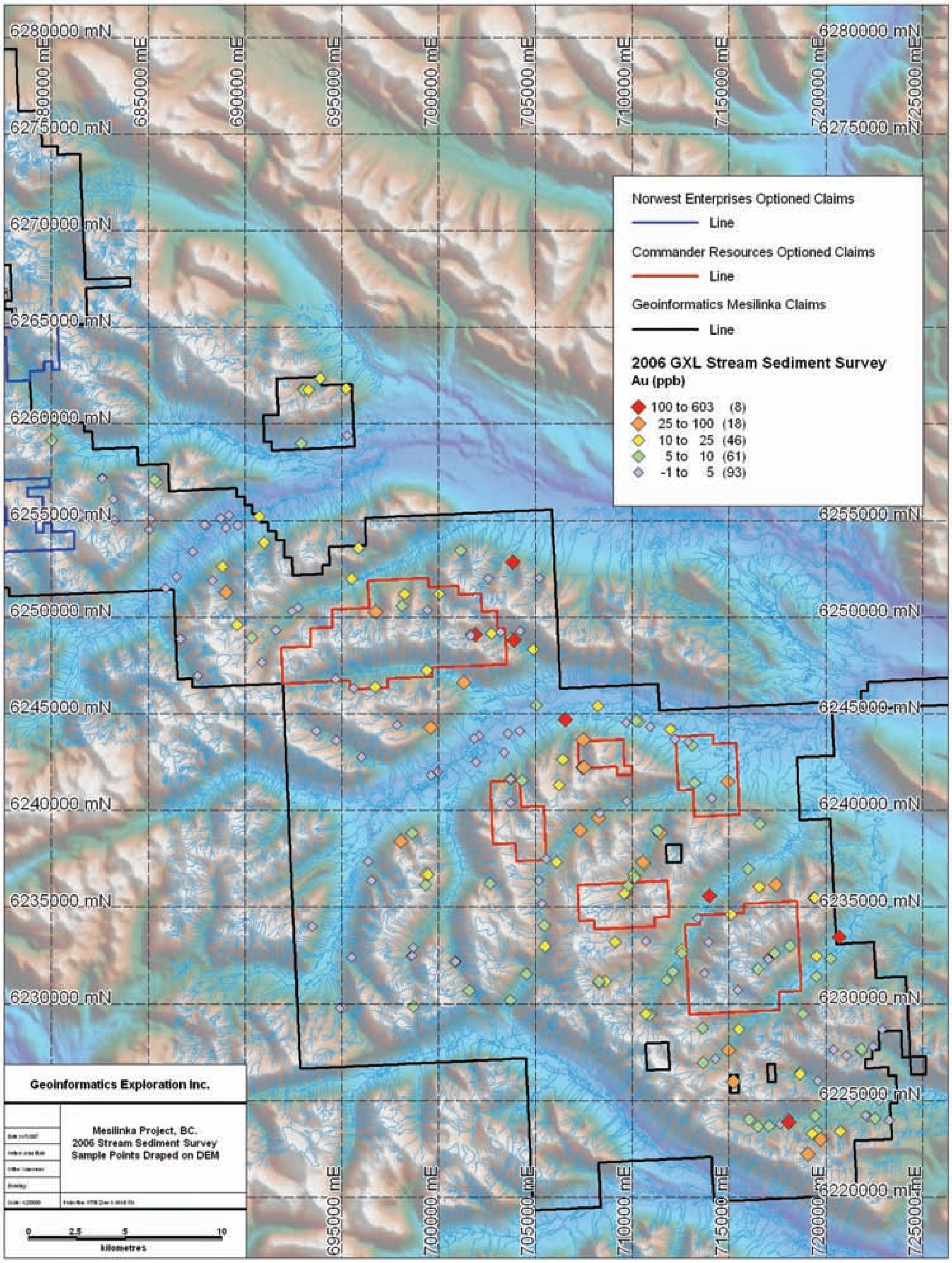

Figure 8. Geoinformatics 2006 stream sediment survey, with sample points plotted by gold concentration (UTM NAD 83, Zone 9).

3.3 Diamond Drilling

In 2006 two diamond holes totaling 751.5m were drilled into the Kliyul Cu-Au magnetite skarn, which had previously been explored with approximately 25 diamond and RC drill holes (Fig. 9). Previous holes had mostly been drilled to vertical depths of less than 100m. In addition, there were notable differences in the grade and continuity of intercepts from the reverse circulation and diamond drilling. The 2006 drilling aimed to evaluate the continuation of mineralization below that encountered in previous drilling, and in addition, aimed to evaluate the grade and continuity of mineralization, given the discrepancies from previous drill campaigns. Both drill holes were completed by Full Force Drilling Ltd, of Peachland British Columbia, using a helicopter portable Mandrill 1200 hydraulic machine. Both holes were drilled to NQ2 core size and the core orientated using an ACE Core Orientation Tool™ to allow for collection of accurate structural measurements. Down hole dip and azimuth surveys were collected at nominal 60 m (200ft) intervals down hole using a Reflex Ez shot® drill hole survey tool.

All drill core was transported back to the Redton field camp located further south, for logging and sampling. The core was cut in half using a core saw for sampling, with most samples generally comprising 2m lengths, unless very strongly mineralized, in which one case 1m samples were taken. All samples were collected and submitted to ACME Analytical Laboratories Ltd., Vancouver for analysis. Samples were analyzed for a suite of 53 elements by ICPOES and ICPMS methods using a 30 gram charge. Field standards and blanks were inserted by Geoinformatics at a ratio of 1:18 to ensure the accuracy and reliability of results.

Drill holes were targeted on a three dimensional inversion model of a preexisting ground magnetic survey (Figs. 10 and 11). The two holes were drilled toward the southwest targeting a large lobe in the inversion model that represents a magnetic high. Hole KL_06_30 was drilled to a depth of 325.37m (down hole) and hole KL_06_31 was drilled to a depth of 751.48m. Both holes encountered strong Cu-Au mineralization, with drill hole KL_06_30 producing the best intercept from the Kliyul project to date of 217.8 m @ 0.23% Cu and 0.52 g/t Au. The best intercepts are summarized in Table 1. The drilling successfully demonstrated the continuation of mineralization at depths below that tested by previous campaigns. Drill hole logs, a drill section, and assay certificates are presented in Appendix 3.

Table 1. Summary of the best intercepts from the Kliyul 2006 diamond drill core program. Intervals were calculated using a 0.05% copper cut-off, with minimum width of 4 metres and maximum internal dilution of 8 metres.

Hole_Id	From (m)	To	Interval (m)	%Cu	Au (ppm)	Ag (ppm)	Mo (ppm)
KL06_30	22	239.8	217.8	0.23	0.52	1.82	5.26
KL06_30	251	259	8.0	0.05	0.21	0.54	5.04
KL06_30	275	325.37	50.4	0.10	0.28	0.60	2.47
KL06_31	20	24	4.0	0.12	0.15	2.02	14.48
KL06_31	108	194	86.0	0.13	0.26	1.09	3.91
KL06_31	230	336	106.0	0.13	0.21	1.27	3.59
KL06_31	346	376	30.0	0.23	0.61	1.11	2.68
KL06_31	392	420	28.0	0.13	0.95	1.02	1.37

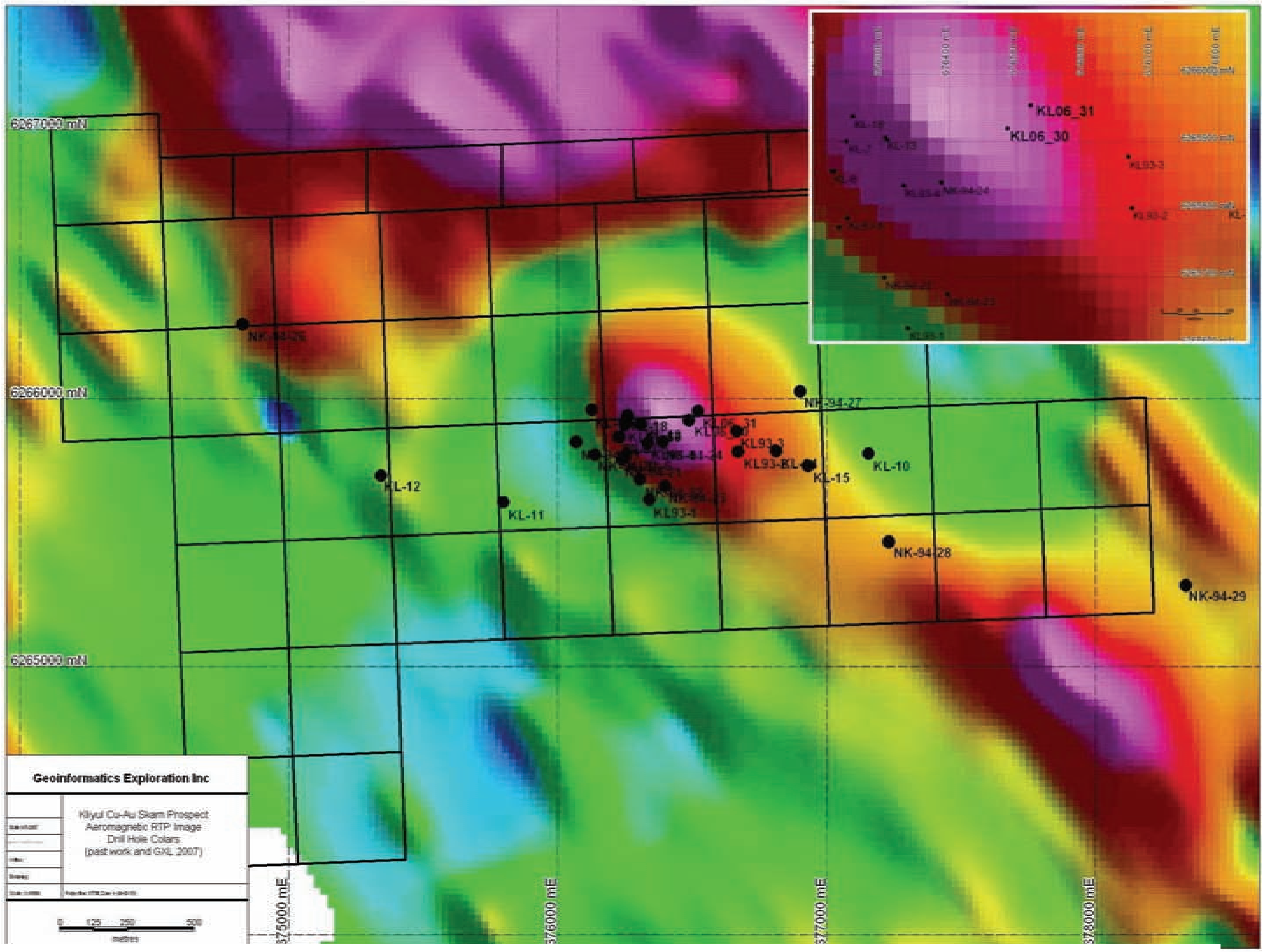

Figure 9. Kliyul drill hole plan on the magnetite rich Cu-Au skarn prospect. The drill holes are superimposed on an aeromagnetic RTP image. The inset in the top right of the image is a close up on the magnetic high.

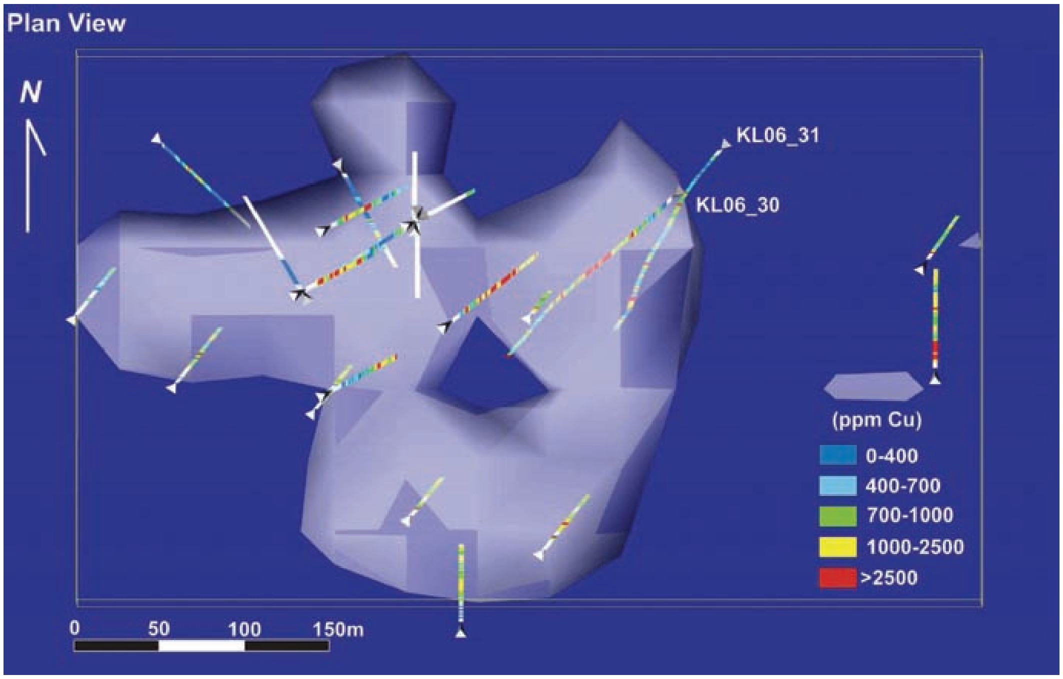

Figure 10. Kliyul drill hole traces and the three-dimensional inversion model of ground magnetic data that was used as a basis for drill hole targeting. Drill hole traces are colored by Cu concentration.

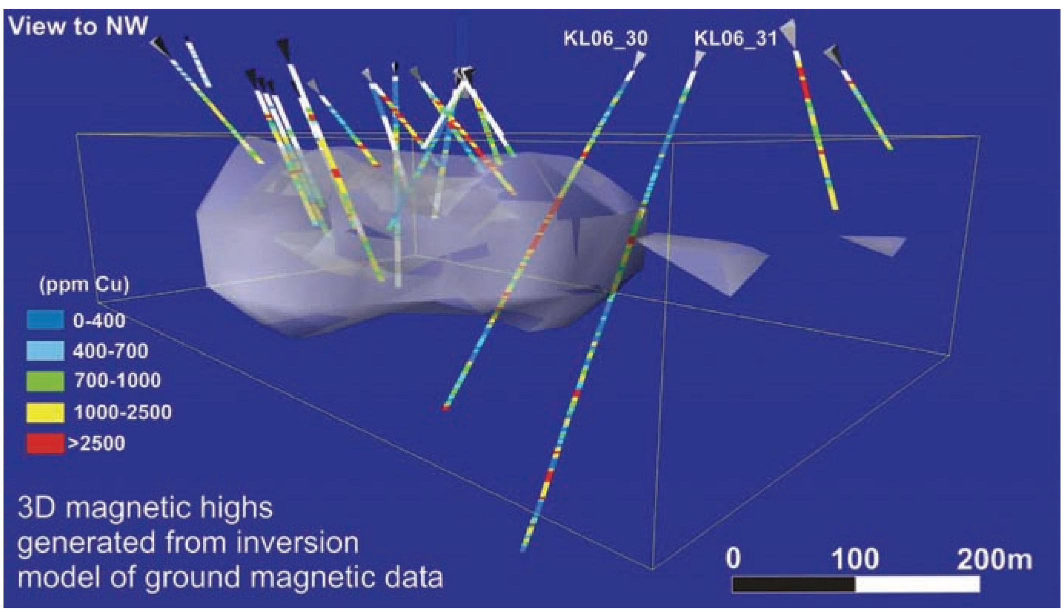

Figure 11. Section view of three-dimensional inversion model of ground magnetic data and drill hole traces. The broad strongly mineralized intercept in hole KL_06_30 strongly correlates with the modeled magnetic high body, and represents the best Cu and Au intercept from the project to date.

4 Conclusions

The 2006 work on Mesilinka created a database to aid in targeting for Cu-Au intrusion-related mineral deposit types that facilitated the generation of targets within the large project area. The data compiled included 3168 stream sediment, 4491 rock (and rock chip), and 1455 soil samples. The regional stream sediment sample program identified a number of strongly anomalous catchments to focus the 2007 field program and validate Cu-Au targets identified through the data compilation process. This both confirmed the significance of known Cu-Au prospects and Minfile occurrences, and identified new target areas.

Two diamond drill holes were completed on the Kliyul Cu-Au skarn prospect. The holes were targeted on three-dimensional magnetic highs generated from an inversion model of a preexisting ground magnetic survey. The holes aimed to test the grade and continuity of Cu-Au mineralization, as well as test the continuation of mineralization at depth. The holes successfully demonstrated the continuation of Cu-Au mineralization at depths below that tested by previous drill campaigns. Hole KL_06_30 returned the most significant Cu-Au intersection from the Kliyul project to date, with an intercept of 217.8m @ 0.23% Cu and 0.52 g/t Au. These holes demonstrated that the potential resource size at Kliyul to be significantly larger than indicated by the previous drill campaigns.

5 References

Gill, D.G., 1994. B.C. Drilling assessment report on the Kliyul group of claims. B.C. Ministry of Energy, Mines and Petroleum Resources Assessment Report 23797.

Kelhert, B., 2005. Assessment Report, ABE Property, prospecting and sampling 2005. B.C. Ministry of Energy, Mines and Petroleum Resources Assessment Report 27972.

Kulla, G., 2001. Geological and geochemical report on the Tenakihi property. Ministry of Energy, Mines and Petroleum Resources Assessment Report 26530.

MINFILE Database, 2005. Ministry of Energy, Mines and Petroleum Resources: http://www.em.gov.bc.ca/Mining/Geolsurv/Minfile/search/default.htm

Nelson, J.L. and Bellefontaine, K.A., 1996. The Geology and Mineral Deposits of North-Central Quesnellia; Tezzeron Lake to Discovery Creek, Central British Columbia. B.C. Ministry of Employment and Investment, Energy and Minerals Division, Geological Survey Branch. Bulletin 99, 112 pages.

Worth, A. and Bidwell, G., 2006. 2005 Assessment Report, Redton property. B.C. Ministry of Energy, Mines and Petroleum Resources Assessment Report 28264.

6 Statement of Qualifications

I**, Gerald E. Bidwell,** P.Geo., of 5186-44th Avenue, Delta, BC V4K 1C3, do hereby certify the following:

I am a consulting geologist with G. Bidwell & Associates Ltd. of Delta, BC.

I have been practicing my profession continuously since graduation in 1967, as a geologist in Canada and the United States of America. I worked continuously from graduation to 1996 as a geoscientist for Hudson Bay Exploration and Development Company Limited (1967-87), Mingold Resources Inc. (1987-1990) and Noranda Exploration/Hemlo Gold Mines (1990-96). Since 1997 I have been a principal of G. Bidwell & Associates Ltd.

I am a graduate of the University of Saskatchewan, with a Bachelor of Arts and Science degree in Geology in 1967.

I am a Professional Geoscientist in good standing with the Association of Professional Engineers and Geoscientists of British Columbia and a fellow of the Geological Association of Canada.

I have been the Exploration Manager – North America for Geoinformatics Exploration Inc. since May, 2004.

I spent 10 days on the Mesilinka property in July-August 2006.

Respectfully submitted,

Gerald E. Bidwell, P. Geo.

Dated May 14 , 2007 in Vancouver, B.C.

John L. Mair, BSc (Honours), PhD.

I, **John Mair**, PhD., of 45 Keane Street, Peppermint Grove, Perth, WA, Australia, do hereby certify the following:

- I am a geologist employed by Geoinformatics Exploration Australia Ltd.
- I have been practicing my profession from 1998 – 2000, and from 2004 to present (PhD research 2000 – 2004) as a geologist in Australia, Alaska, China and Canada.
- I am a graduate of the University of Western Australia, with a Bachelor of Science, Honours degree (geology), 1997, and PhD (geology)
- I was the project manager for the Mesilinka and Kliyul projects in 2006.

Dated May 14 , 2007 in Vancouver, B.C.

Appendix 1: Claim Listing.

Geoinformatics Exploration Canada Limited

Mesilinka Project Claim Listing

Omineca Mining District, British Columbia

Claim Name	Owner	Issue Date	Tenure No.	NTS	Map Number	Area (hectares)	Expiry	Yearly Assessment Requirements 07	08	09	10	11
MOC1	Geoinformatics Exploration Canada Limited	06-Jun-06	534992	094D		392.932	February 28, 2008	X	1,571.73	1,571.73	3,143.46	3,143.46
MOC2	Geoinformatics Exploration Canada Limited	06-Jun-06	534993	094D		428.839	February 28, 2008	X	1,715.36	1,715.36	3,430.71	3,430.71
MOC3	Geoinformatics Exploration Canada Limited	06-Jun-06	534994	094D		411.136	February 28, 2008	X	1,644.54	1,644.54	3,289.09	3,289.09
MOC4	Geoinformatics Exploration Canada Limited	06-Jun-06	534995	094D		446.687	February 28, 2008	X	1,786.75	1,786.75	3,573.50	3,573.50
MOC5	Geoinformatics Exploration Canada Limited	06-Jun-06	534996	094D		446.726	February 28, 2008	X	1,786.90	1,786.90	3,573.81	3,573.81
	Geoinformatics Exploration Canada Limited	06-Jun-06	534997	094D		429.056	February 28, 2008	X	1,716.22	1,716.22	3,432.45	3,432.45
MOC7	Geoinformatics Exploration Canada Limited	06-Jun-06	534998	094D		429.221	February 28, 2008	X	1,716.88	1,716.88	3,433.77	3,433.77
MOC8	Geoinformatics Exploration Canada Limited	06-Jun-06	534999	094D		429.032	February 28, 2008	X	1,716.13	1,716.13	3,432.26	3,432.26
MOC9	Geoinformatics Exploration Canada Limited	06-Jun-06	535000	094D		357.836	February 28, 2008	X	1,431.34	1,431.34	2,862.69	2,862.69
MOC10	Geoinformatics Exploration Canada Limited	06-Jun-06	535001	094D		250.609	February 28, 2008	X	1,002.44	1,002.44	2,004.87	2,004.87
MOC11	Geoinformatics Exploration Canada Limited	06-Jun-06	535002	094D		429.855	February 28, 2008	X	1,719.42	1,719.42	3,438.84	3,438.84
MOC12	Geoinformatics Exploration Canada Limited	06-Jun-06	535003	094D		447.143	February 28, 2008	X	1,788.57	1,788.57	3,577.14	3,577.14
MOC13	Geoinformatics Exploration Canada Limited	06-Jun-06	535004	094D		429.161	February 28, 2008	X	1,716.64	1,716.64	3,433.29	3,433.29
MOC14	Geoinformatics Exploration Canada Limited	06-Jun-06	535005	094D		447.219	February 28, 2008	X	1,788.88	1,788.88	3,577.75	3,577.75
MOC15	Geoinformatics Exploration Canada Limited	06-Jun-06	535006	094D		447.413	February 28, 2008	X	1,789.65	1,789.65	3,579.30	3,579.30
MOC16	Geoinformatics Exploration Canada Limited	06-Jun-06	535007	094D		375.976	February 28, 2008	X	1,503.90	1,503.90	3,007.81	3,007.81
MOC17	Geoinformatics Exploration Canada Limited	06-Jun-06	535008	094C		447.817	February 28, 2008	X	1,791.27	1,791.27	3,582.54	3,582.54
MOC18	Geoinformatics Exploration Canada Limited	06-Jun-06	535009	094D		447.823	February 28, 2008	X	1,791.29	1,791.29	3,582.58	3,582.58
MOC19	Geoinformatics Exploration Canada Limited	06-Jun-06	535010	094D		447.831	February 28, 2008	X	1,791.32	1,791.32	3,582.65	3,582.65
MOC20	Geoinformatics Exploration Canada Limited	06-Jun-06	535011	094D		447.877	February 28, 2008	X	1,791.51	1,791.51	3,583.02	3,583.02
JOH1	Geoinformatics Exploration Canada Limited	06-Jun-06	535012	094D		446.3	February 28, 2008	X	1,785.20	1,785.20	3,570.40	3,570.40
JOH2	Geoinformatics Exploration Canada Limited	06-Jun-06	535013	094D		446.283	February 28, 2008	X	1,785.13	1,785.13	3,570.26	3,570.26
JOH3	Geoinformatics Exploration Canada Limited	06-Jun-06	535014	094D		446.058	February 28, 2008	X	1,784.23	1,784.23	3,568.46	3,568.46
JOH4	Geoinformatics Exploration Canada Limited	06-Jun-06	535015	094D		428.209	February 28, 2008	X	1,712.84	1,712.84	3,425.67	3,425.67
JOH5	Geoinformatics Exploration Canada Limited	06-Jun-06	535016	094D		446.03	February 28, 2008	X	1,784.12	1,784.12	3,568.24	3,568.24
JOH006	Geoinformatics Exploration Canada Limited	06-Jun-06	535017	094D		427.932	February 28, 2008	X	1,711.73	1,711.73	3,423.46	3,423.46
JOH8	Geoinformatics Exploration Canada Limited	06-Jun-06	535018	094D		428.002	February 28, 2008	X	1,712.01	1,712.01	3,424.02	3,424.02
JOH8	Geoinformatics Exploration Canada Limited	06-Jun-06	535019	094D		445.456	February 28, 2008	X	1,781.82	1,781.82	3,563.65	3,563.65
JOH9	Geoinformatics Exploration Canada Limited	06-Jun-06	535020	094D		445.647	February 28, 2008	X	1,782.59	1,782.59	3,565.18	3,565.18
JOH10	Geoinformatics Exploration Canada Limited	07-Jun-06	535021	094D		445.522	February 28, 2008	X	1,782.09	1,782.09	3,564.18	3,564.18
TEN1	Geoinformatics Exploration Canada Limited	07-Jun-06	535023	094C		451.047	February 28, 2008	X	1,804.19	1,804.19	3,608.38	3,608.38
TEN2	Geoinformatics Exploration Canada Limited	07-Jun-06	535024	094C		450.822	February 28, 2008	X	1,803.29	1,803.29	3,606.58	3,606.58
TEN3	Geoinformatics Exploration Canada Limited	07-Jun-06	535025	094C		432.539	February 28, 2008	X	1,730.16	1,730.16	3,460.31	3,460.31
TEN4	Geoinformatics Exploration Canada Limited	07-Jun-06	535026	094C		72.123	February 28, 2008	X	288.49	288.49	576.98	576.98
TEN5	Geoinformatics Exploration Canada Limited	07-Jun-06	535027	094C		450.724	February 28, 2008	X	1,802.90	1,802.90	3,605.79	3,605.79
TEN6	Geoinformatics Exploration Canada Limited	07-Jun-06	535028	094C		432.368	February 28, 2008	X	1,729.47	1,729.47	3,458.94	3,458.94
TEN7	Geoinformatics Exploration Canada Limited	07-Jun-06	535029	094C		432.509	February 28, 2008	X	1,730.04	1,730.04	3,460.07	3,460.07
TEN8	Geoinformatics Exploration Canada Limited	07-Jun-06	535031	094C		450.583	February 28, 2008	X	1,802.33	1,802.33	3,604.66	3,604.66
TEN9	Geoinformatics Exploration Canada Limited	07-Jun-06	535033	094C		450.822	February 28, 2008	X	1,803.29	1,803.29	3,606.58	3,606.58
TEN10	Geoinformatics Exploration Canada Limited	07-Jun-06	535034	094C		450.611	February 28, 2008	X	1,802.44	1,802.44	3,604.89	3,604.89
TEN11	Geoinformatics Exploration Canada Limited	07-Jun-06	535037	094C		450.611	February 28, 2008	X	1,802.44	1,802.44	3,604.89	3,604.89
TEN12	Geoinformatics Exploration Canada Limited	07-Jun-06	535040	094C		414.55	February 28, 2008	X	1,658.20	1,658.20	3,316.40	3,316.40
TEN13	Geoinformatics Exploration Canada Limited	07-Jun-06	535041	094C		450.367	February 28, 2008	X	1,801.47	1,801.47	3,602.94	3,602.94
TEN14	Geoinformatics Exploration Canada Limited	07-Jun-06	535042	094C		450.124	February 28, 2008	X	1,800.50	1,800.50	3,600.99	3,600.99
TEN15	Geoinformatics Exploration Canada Limited	07-Jun-06	535043	094C		450.117	February 28, 2008	X	1,800.47	1,800.47	3,600.94	3,600.94

Geoinformatics Exploration Canada Limited

Mesilinka Project Claim Listing — **Omineca Mining District, British Columbia**

Claim Name	Owner	Issue Date	Tenure No.	NTS	Map Number	Area (hectares)	Expiry	Yearly Assessment Requirements 07	08	09	10	11
TEN16	Geoinformatics Exploration Canada Limited	07-Jun-06	535044	094C		450.121	February 28, 2008	X	1,800.48	1,800.48	3,600.97	3,600.97
TEN17	Geoinformatics Exploration Canada Limited	07-Jun-06	535045	094C		395.893	February 28, 2008	X	1,583.57	1,583.57	3,167.14	3,167.14
TEN18	Geoinformatics Exploration Canada Limited	07-Jun-06	535046	094C		449.629	February 28, 2008	X	1,798.52	1,798.52	3,597.03	3,597.03
TEN19	Geoinformatics Exploration Canada Limited	07-Jun-06	535047	094C		449.634	February 28, 2008	X	1,798.54	1,798.54	3,597.07	3,597.07
TEN20	Geoinformatics Exploration Canada Limited	07-Jun-06	535048	094C		449.631	February 28, 2008	X	1,798.52	1,798.52	3,597.05	3,597.05
TEN22	Geoinformatics Exploration Canada Limited	07-Jun-06	535049	094C		449.717	February 28, 2008	X	1,798.87	1,798.87	3,597.74	3,597.74
TEN21	Geoinformatics Exploration Canada Limited	07-Jun-06	535051	094C		450.356	February 28, 2008	X	1,801.42	1,801.42	3,602.85	3,602.85
TEN23	Geoinformatics Exploration Canada Limited	07-Jun-06	535052	094C		450.359	February 28, 2008	X	1,801.44	1,801.44	3,602.87	3,602.87
TEN24	Geoinformatics Exploration Canada Limited	07-Jun-06	535053	094C		432.513	February 28, 2008	X	1,730.05	1,730.05	3,460.10	3,460.10
TEN25	Geoinformatics Exploration Canada Limited	07-Jun-06	535054	094C		432.384	February 28, 2008	X	1,729.54	1,729.54	3,459.07	3,459.07
TEN26	Geoinformatics Exploration Canada Limited	07-Jun-06	535055	094C		450.836	February 28, 2008	X	1,803.34	1,803.34	3,606.69	3,606.69
TEN27	Geoinformatics Exploration Canada Limited	07-Jun-06	535056	094C		450.964	February 28, 2008	X	1,803.86	1,803.86	3,607.71	3,607.71
TEN28	Geoinformatics Exploration Canada Limited	07-Jun-06	535057	094C		451.203	February 28, 2008	X	1,804.81	1,804.81	3,609.62	3,609.62
TEN29	Geoinformatics Exploration Canada Limited	07-Jun-06	535058	094C		433.312	February 28, 2008	X	1,733.25	1,733.25	3,466.50	3,466.50
TEN30	Geoinformatics Exploration Canada Limited	07-Jun-06	535059	094C		451.062	February 28, 2008	X	1,804.25	1,804.25	3,608.50	3,608.50
TEN31	Geoinformatics Exploration Canada Limited	07-Jun-06	535060	094C		433.203	February 28, 2008	X	1,732.81	1,732.81	3,465.62	3,465.62
TEN32	Geoinformatics Exploration Canada Limited	07-Jun-06	535061	094C		451.069	February 28, 2008	X	1,804.28	1,804.28	3,608.55	3,608.55
TEN33	Geoinformatics Exploration Canada Limited	07-Jun-06	535062	094C		433.314	February 28, 2008	X	1,733.26	1,733.26	3,466.51	3,466.51
TEN34	Geoinformatics Exploration Canada Limited	07-Jun-06	535063	094C		415.202	February 28, 2008	X	1,660.81	1,660.81	3,321.62	3,321.62
TEN 35	Geoinformatics Exploration Canada Limited	07-Jun-06	535064	094C		450.841	February 28, 2008	X	1,803.36	1,803.36	3,606.73	3,606.73
TEN36	Geoinformatics Exploration Canada Limited	07-Jun-06	535068	094C		451.086	February 28, 2008	X	1,804.34	1,804.34	3,608.69	3,608.69
TEN37	Geoinformatics Exploration Canada Limited	07-Jun-06	535071	094C		433.047	February 28, 2008	X	1,732.19	1,732.19	3,464.38	3,464.38
TEN38	Geoinformatics Exploration Canada Limited	07-Jun-06	535074	094C		450.831	February 28, 2008	X	1,803.32	1,803.32	3,606.65	3,606.65
TEN39	Geoinformatics Exploration Canada Limited	07-Jun-06	535075	094C		451.062	February 28, 2008	X	1,804.25	1,804.25	3,608.50	3,608.50
TEN40	Geoinformatics Exploration Canada Limited	07-Jun-06	535077	094C		449.877	February 28, 2008	X	1,799.51	1,799.51	3,599.02	3,599.02
TEN41	Geoinformatics Exploration Canada Limited	07-Jun-06	535081	094C		449.592	February 28, 2008	X	1,798.37	1,798.37	3,596.74	3,596.74
TEN42	Geoinformatics Exploration Canada Limited	07-Jun-06	535087	094C		431.376	February 28, 2008	X	1,725.50	1,725.50	3,451.01	3,451.01
TEN43	Geoinformatics Exploration Canada Limited	07-Jun-06	535121	094C		431.39	February 28, 2008	X	1,725.56	1,725.56	3,451.12	3,451.12
TEN44	Geoinformatics Exploration Canada Limited	07-Jun-06	535122	094C		431.134	February 28, 2008	X	1,724.54	1,724.54	3,449.07	3,449.07
TEN45	Geoinformatics Exploration Canada Limited	07-Jun-06	535123	094C		395.214	February 28, 2008	X	1,580.86	1,580.86	3,161.71	3,161.71
TEN46	Geoinformatics Exploration Canada Limited	07-Jun-06	535124	094C		449.372	February 28, 2008	X	1,797.49	1,797.49	3,594.98	3,594.98
TEN47	Geoinformatics Exploration Canada Limited	07-Jun-06	535125	094C		449.334	February 28, 2008	X	1,797.34	1,797.34	3,594.67	3,594.67
TEN48	Geoinformatics Exploration Canada Limited	07-Jun-06	535127	094C		431.197	February 28, 2008	X	1,724.79	1,724.79	3,449.58	3,449.58
TEN49	Geoinformatics Exploration Canada Limited	07-Jun-06	535128	094C		413.151	February 28, 2008	X	1,652.60	1,652.60	3,305.21	3,305.21
TEN50	Geoinformatics Exploration Canada Limited	07-Jun-06	535129	094C		448.998	February 28, 2008	X	1,795.99	1,795.99	3,591.98	3,591.98
TEN52	Geoinformatics Exploration Canada Limited	07-Jun-06	535130	094C		448.747			1,794.99	1,794.99	3,589.98	3,589.98
TEN51	Geoinformatics Exploration Canada Limited	07-Jun-06	535131	094C		430.605	February 28, 2008	X	1,722.42	1,722.42	3,444.84	3,444.84
TEN53	Geoinformatics Exploration Canada Limited	07-Jun-06	535132	094C		430.67	February 28, 2008	X	1,722.68	1,722.68	3,445.36	3,445.36
TEN54	Geoinformatics Exploration Canada Limited	07-Jun-06	535133	094C		448.808	February 28, 2008	X	1,795.23	1,795.23	3,590.46	3,590.46
TEN55	Geoinformatics Exploration Canada Limited	07-Jun-06	535134	094C		448.889	February 28, 2008	X	1,795.56	1,795.56	3,591.11	3,591.11
TEN56	Geoinformatics Exploration Canada Limited	07-Jun-06	535135	094C		447.974	February 28, 2008	X	1,791.90	1,791.90	3,583.79	3,583.79
TEN57	Geoinformatics Exploration Canada Limited	07-Jun-06	535136	094C		447.839	February 28, 2008	X	1,791.36	1,791.36	3,582.71	3,582.71
TEN58	Geoinformatics Exploration Canada Limited	07-Jun-06	535137	094C		448.034	February 28, 2008	X	1,792.14	1,792.14	3,584.27	3,584.27
TEN59	Geoinformatics Exploration Canada Limited	07-Jun-06	535142	094C		304.547	February 28, 2008	X	1,218.19	1,218.19	2,436.38	2,436.38
TEN60	Geoinformatics Exploration Canada Limited	07-Jun-06	535144	094C		448.651	February 28, 2008	X	1,794.60	1,794.60	3,589.21	3,589.21

Geoinformatics Exploration Canada Limited

Mesilinka Project Claim Listing

Omineca Mining District, British Columbia

Claim Name	Owner	Issue Date	Tenure No.	NTS	Map Number	Area (hectares)	Expiry	Yearly Assessment Requirements 07	08	09	10	11
TEN61	Geoinformatics Exploration Canada Limited	07-Jun-06	535145	094C		430.338	February 28, 2008	X	1,721.35	1,721.35	3,442.70	3,442.70
TEN62	Geoinformatics Exploration Canada Limited	07-Jun-06	535147	094C		448.43	February 28, 2008	X	1,793.72	1,793.72	3,587.44	3,587.44
TEN64	Geoinformatics Exploration Canada Limited	07-Jun-06	535148	094C		448.74	February 28, 2008	X	1,794.96	1,794.96	3,589.92	3,589.92
TEN63	Geoinformatics Exploration Canada Limited	07-Jun-06	535149	094C		448.728	February 28, 2008	X	1,794.91	1,794.91	3,589.82	3,589.82
TEN65	Geoinformatics Exploration Canada Limited	07-Jun-06	535150	094C		448.88	February 28, 2008	X	1,795.52	1,795.52	3,591.04	3,591.04
TEN66	Geoinformatics Exploration Canada Limited	07-Jun-06	535151	094C		450.012	February 28, 2008	X	1,800.05	1,800.05	3,600.10	3,600.10
TEN67	Geoinformatics Exploration Canada Limited	07-Jun-06	535152	094C		432.219	February 28, 2008	X	1,728.88	1,728.88	3,457.75	3,457.75
TEN68	Geoinformatics Exploration Canada Limited	07-Jun-06	535153	094C		288.145	February 28, 2008	X	1,152.58	1,152.58	2,305.16	2,305.16
TEN69	Geoinformatics Exploration Canada Limited	07-Jun-06	535154	094C		432.667	February 28, 2008	X	1,730.67	1,730.67	3,461.34	3,461.34
TEN70	Geoinformatics Exploration Canada Limited	07-Jun-06	535155	094C		450.877	February 28, 2008	X	1,803.51	1,803.51	3,607.02	3,607.02
TEN71	Geoinformatics Exploration Canada Limited	07-Jun-06	535156	094C		451.084	February 28, 2008	X	1,804.34	1,804.34	3,608.67	3,608.67
TEN72	Geoinformatics Exploration Canada Limited	07-Jun-06	535157	094C		451.397	February 28, 2008	X	1,805.59	1,805.59	3,611.18	3,611.18
TEN73	Geoinformatics Exploration Canada Limited	07-Jun-06	535158	094C		451.087	February 28, 2008	X	1,804.35	1,804.35	3,608.70	3,608.70
TEN74	Geoinformatics Exploration Canada Limited	07-Jun-06	535159	094C		451.123	February 28, 2008	X	1,804.49	1,804.49	3,608.98	3,608.98
TEN75	Geoinformatics Exploration Canada Limited	07-Jun-06	535160	094C		451.261	February 28, 2008	X	1,805.04	1,805.04	3,610.09	3,610.09
TEN76	Geoinformatics Exploration Canada Limited	07-Jun-06	535161	094C		450.858	February 28, 2008	X	1,803.43	1,803.43	3,606.86	3,606.86
TEN77	Geoinformatics Exploration Canada Limited	07-Jun-06	535162	094C		432.576	February 28, 2008	X	1,730.30	1,730.30	3,460.61	3,460.61
TEN78	Geoinformatics Exploration Canada Limited	07-Jun-06	535163	094C		450.875	February 28, 2008	X	1,803.50	1,803.50	3,607.00	3,607.00
TEN79	Geoinformatics Exploration Canada Limited	07-Jun-06	535164	094C		432.622	February 28, 2008	X	1,730.49	1,730.49	3,460.98	3,460.98
TEN80	Geoinformatics Exploration Canada Limited	07-Jun-06	535165	094C		449.959	February 28, 2008	X	1,799.84	1,799.84	3,599.67	3,599.67
TEN81	Geoinformatics Exploration Canada Limited	07-Jun-06	535167	094C		450.188	February 28, 2008	X	1,800.75	1,800.75	3,601.50	3,601.50
TEN82	Geoinformatics Exploration Canada Limited	07-Jun-06	535168	094C		450.2	February 28, 2008	X	1,800.80	1,800.80	3,601.60	3,601.60
TEN83	Geoinformatics Exploration Canada Limited	07-Jun-06	535169	094C		450.452	February 28, 2008	X	1,801.81	1,801.81	3,603.62	3,603.62
TEN84	Geoinformatics Exploration Canada Limited	07-Jun-06	535170	094C		450.432	February 28, 2008	X	1,801.73	1,801.73	3,603.46	3,603.46
TEN85	Geoinformatics Exploration Canada Limited	07-Jun-06	535171	094C		450.408	February 28, 2008	X	1,801.63	1,801.63	3,603.26	3,603.26
TEN86	Geoinformatics Exploration Canada Limited	07-Jun-06	535172	094C		450.575	February 28, 2008	X	1,802.30	1,802.30	3,604.60	3,604.60
TEN87	Geoinformatics Exploration Canada Limited	07-Jun-06	535173	094C		450.614	February 28, 2008	X	1,802.46	1,802.46	3,604.91	3,604.91
TEN88	Geoinformatics Exploration Canada Limited	07-Jun-06	535174	094C		450.337	February 28, 2008	X	1,801.35	1,801.35	3,602.70	3,602.70
TEN89	Geoinformatics Exploration Canada Limited	07-Jun-06	535175	094C		450.364	February 28, 2008	X	1,801.46	1,801.46	3,602.91	3,602.91
TEN90	Geoinformatics Exploration Canada Limited	07-Jun-06	535176	094C		450.086	February 28, 2008	X	1,800.34	1,800.34	3,600.69	3,600.69
TEN91	Geoinformatics Exploration Canada Limited	07-Jun-06	535177	094C		449.864	February 28, 2008	X	1,799.46	1,799.46	3,598.91	3,598.91
TEN92	Geoinformatics Exploration Canada Limited	07-Jun-06	535178	094C		432.149	February 28, 2008	X	1,728.60	1,728.60	3,457.19	3,457.19
TEN93	Geoinformatics Exploration Canada Limited	07-Jun-06	535180	094C		449.622	February 28, 2008	X	1,798.49	1,798.49	3,596.98	3,596.98
TEN94	Geoinformatics Exploration Canada Limited	07-Jun-06	535181	094C		431.94	February 28, 2008	X	1,727.76	1,727.76	3,455.52	3,455.52
TEN95	Geoinformatics Exploration Canada Limited	07-Jun-06	535183	094C		431.926	February 28, 2008	X	1,727.70	1,727.70	3,455.41	3,455.41
TEN96	Geoinformatics Exploration Canada Limited	07-Jun-06	535184	094C		449.684	February 28, 2008	X	1,798.74	1,798.74	3,597.47	3,597.47
TEN97	Geoinformatics Exploration Canada Limited	07-Jun-06	535185	094C		449.411	February 28, 2008	X	1,797.64	1,797.64	3,595.29	3,595.29
TEN98	Geoinformatics Exploration Canada Limited	07-Jun-06	535186	094C		431.156	February 28, 2008	X	1,724.62	1,724.62	3,449.25	3,449.25
TEN99	Geoinformatics Exploration Canada Limited	07-Jun-06	535187	094C		448.632	February 28, 2008	X	1,794.53	1,794.53	3,589.06	3,589.06
TEN100	Geoinformatics Exploration Canada Limited	07-Jun-06	535188	094C		430.957	February 28, 2008	X	1,723.83	1,723.83	3,447.66	3,447.66
TEN101	Geoinformatics Exploration Canada Limited	07-Jun-06	535189	094C		430.952	February 28, 2008	X	1,723.81	1,723.81	3,447.62	3,447.62
TEN102	Geoinformatics Exploration Canada Limited	07-Jun-06	535191	094C		449.191	February 28, 2008	X	1,796.76	1,796.76	3,593.53	3,593.53
TEN103	Geoinformatics Exploration Canada Limited	07-Jun-06	535192	094C		449.253	February 28, 2008	X	1,797.01	1,797.01	3,594.02	3,594.02
TEN104	Geoinformatics Exploration Canada Limited	07-Jun-06	535193	094C		287.784	February 28, 2008	X	1,151.14	1,151.14	2,302.27	2,302.27
TEN105	Geoinformatics Exploration Canada Limited	07-Jun-06	535194	094C		287.669	February 28, 2008	X	1,150.68	1,150.68	2,301.35	2,301.35

Geoinformatics Exploration Canada Limited

Mesilinka Project Claim Listing

Omineca Mining District, British Columbia

Claim Name	Owner	Issue Date	Tenure No.	NTS	Map Number	Area (hectares)	Expiry	Yearly Assessment Requirements				
								07	08	09	10	11
TEN106	Geoinformatics Exploration Canada Limited	07-Jun-06	535195	094C		447.515	February 28, 2008	X	1,790.06	1,790.06	3,580.12	3,580.12
TEN107	Geoinformatics Exploration Canada Limited	07-Jun-06	535196	094C		447.763	February 28, 2008	X	1,791.05	1,791.05	3,582.10	3,582.10
TEN108	Geoinformatics Exploration Canada Limited	08-Jun-06	535200	094C		447.51	February 28, 2008	X	1,790.04	1,790.04	3,580.08	3,580.08
TEN109	Geoinformatics Exploration Canada Limited	08-Jun-06	535201	094C		447.708	February 28, 2008	X	1,790.83	1,790.83	3,581.66	3,581.66
TEN110	Geoinformatics Exploration Canada Limited	08-Jun-06	535202	094C		447.763	February 28, 2008	X	1,791.05	1,791.05	3,582.10	3,582.10
TEN111	Geoinformatics Exploration Canada Limited	08-Jun-06	535203	094C		447.998	February 28, 2008	X	1,791.99	1,791.99	3,583.98	3,583.98
TEN112	Geoinformatics Exploration Canada Limited	08-Jun-06	535205	094C		430.314	February 28, 2008	X	1,721.26	1,721.26	3,442.51	3,442.51
TEN113	Geoinformatics Exploration Canada Limited	08-Jun-06	535206	094C		447.956	February 28, 2008	X	1,791.82	1,791.82	3,583.65	3,583.65
TEN114	Geoinformatics Exploration Canada Limited	08-Jun-06	535207	094C		447.977	February 28, 2008	X	1,791.91	1,791.91	3,583.82	3,583.82
TEN115	Geoinformatics Exploration Canada Limited	08-Jun-06	535208	094C		448.203	February 28, 2008	X	1,792.81	1,792.81	3,585.62	3,585.62
TEN116	Geoinformatics Exploration Canada Limited	08-Jun-06	535209	094C		430.222	February 28, 2008	X	1,720.89	1,720.89	3,441.78	3,441.78
TEN117	Geoinformatics Exploration Canada Limited	08-Jun-06	535210	094C		448.316	February 28, 2008	X	1,793.26	1,793.26	3,586.53	3,586.53
TEN118	Geoinformatics Exploration Canada Limited	08-Jun-06	535212	094C		448.624	February 28, 2008	X	1,794.50	1,794.50	3,588.99	3,588.99
TEN119	Geoinformatics Exploration Canada Limited	08-Jun-06	535214	094C		448.645	February 28, 2008	X	1,794.58	1,794.58	3,589.16	3,589.16
TEN120	Geoinformatics Exploration Canada Limited	08-Jun-06	535216	094C		448.651	February 28, 2008	X	1,794.60	1,794.60	3,589.21	3,589.21
TEN121	Geoinformatics Exploration Canada Limited	08-Jun-06	535219	094C		448.46	February 28, 2008	X	1,793.84	1,793.84	3,587.68	3,587.68
TEN122	Geoinformatics Exploration Canada Limited	08-Jun-06	535221	094C		448.877	February 28, 2008	X	1,795.51	1,795.51	3,591.02	3,591.02
TEN123	Geoinformatics Exploration Canada Limited	08-Jun-06	535222	094C		449.128	February 28, 2008	X	1,796.51	1,796.51	3,593.02	3,593.02
TEN124	Geoinformatics Exploration Canada Limited	08-Jun-06	535225	094C		449.4	February 28, 2008	X	1,797.60	1,797.60	3,595.20	3,595.20
TEN125	Geoinformatics Exploration Canada Limited	08-Jun-06	535228	094C		449.689	February 28, 2008	X	1,798.76	1,798.76	3,597.51	3,597.51
TEN126	Geoinformatics Exploration Canada Limited	08-Jun-06	535234	094C		449.949	February 28, 2008	X	1,799.80	1,799.80	3,599.59	3,599.59
TEN127	Geoinformatics Exploration Canada Limited	08-Jun-06	535235	094C		450.208	February 28, 2008	X	1,800.83	1,800.83	3,601.66	3,601.66
TEN128	Geoinformatics Exploration Canada Limited	08-Jun-06	535237	094C		450.466	February 28, 2008	X	1,801.86	1,801.86	3,603.73	3,603.73
TEN129	Geoinformatics Exploration Canada Limited	08-Jun-06	535239	094C		448.917	February 28, 2008	X	1,795.67	1,795.67	3,591.34	3,591.34
TEN131	Geoinformatics Exploration Canada Limited	08-Jun-06	535242	094C		449.163	February 28, 2008	X	1,796.65	1,796.65	3,593.30	3,593.30
TEN130	Geoinformatics Exploration Canada Limited	08-Jun-06	535243	094C		449.446	February 28, 2008	X	1,797.78	1,797.78	3,595.57	3,595.57
TEN132	Geoinformatics Exploration Canada Limited	08-Jun-06	535245	094C		449.724	February 28, 2008	X	1,798.90	1,798.90	3,597.79	3,597.79
TEN133	Geoinformatics Exploration Canada Limited	08-Jun-06	535246	094C		449.979	February 28, 2008	X	1,799.92	1,799.92	3,599.83	3,599.83
TEN134	Geoinformatics Exploration Canada Limited	08-Jun-06	535248	094C		450.233	February 28, 2008	X	1,800.93	1,800.93	3,601.86	3,601.86
TEN135	Geoinformatics Exploration Canada Limited	08-Jun-06	535249	094C		450.484	February 28, 2008	X	1,801.94	1,801.94	3,603.87	3,603.87
TEN136	Geoinformatics Exploration Canada Limited	08-Jun-06	535251	094C		450.666	February 28, 2008	X	1,802.66	1,802.66	3,605.33	3,605.33
TEN137	Geoinformatics Exploration Canada Limited	08-Jun-06	535254	094C		448.87	February 28, 2008	X	1,795.48	1,795.48	3,590.96	3,590.96
TEN138	Geoinformatics Exploration Canada Limited	08-Jun-06	535256	094C		449.115	February 28, 2008	X	1,796.46	1,796.46	3,592.92	3,592.92
TEN139	Geoinformatics Exploration Canada Limited	08-Jun-06	535258	094C		449.387	February 28, 2008	X	1,797.55	1,797.55	3,595.10	3,595.10
TEN140	Geoinformatics Exploration Canada Limited	08-Jun-06	535261	094C		449.678	February 28, 2008	X	1,798.71	1,798.71	3,597.42	3,597.42
TEN141	Geoinformatics Exploration Canada Limited	08-Jun-06	535263	094C		449.933	February 28, 2008	X	1,799.73	1,799.73	3,599.46	3,599.46
TEN142	Geoinformatics Exploration Canada Limited	08-Jun-06	535265	094C		450.186	February 28, 2008	X	1,800.74	1,800.74	3,601.49	3,601.49
TEN143	Geoinformatics Exploration Canada Limited	08-Jun-06	535267	094C		360.327	February 28, 2008	X	1,441.31	1,441.31	2,882.62	2,882.62
TEN144	Geoinformatics Exploration Canada Limited	08-Jun-06	535268	094C		360.474	February 28, 2008	X	1,441.90	1,441.90	2,883.79	2,883.79
NELL1	Geoinformatics Exploration Canada Limited	08-Jun-06	535276	094D		441.988	February 28, 2008	X	1,767.95	1,767.95	3,535.90	3,535.90
NELL2	Geoinformatics Exploration Canada Limited	08-Jun-06	535278	094D		441.991	February 28, 2008	X	1,767.96	1,767.96	3,535.93	3,535.93
NELL3	Geoinformatics Exploration Canada Limited	08-Jun-06	535280	094D		441.999	February 28, 2008	X	1,768.00	1,768.00	3,535.99	3,535.99
NELL4	Geoinformatics Exploration Canada Limited	08-Jun-06	535282	094D		442.231	February 28, 2008	X	1,768.92	1,768.92	3,537.85	3,537.85
NELL5	Geoinformatics Exploration Canada Limited	08-Jun-06	535283	094D		442.235	February 28, 2008	X	1,768.94	1,768.94	3,537.88	3,537.88
NELL6	Geoinformatics Exploration Canada Limited	08-Jun-06	535285	094D		442.243	February 28, 2008	X	1,768.97	1,768.97	3,537.94	3,537.94

Geoinformatics Exploration Canada Limited

Mesilinka Project Claim Listing — **Omineca Mining District, British Columbia**

Claim Name	Owner	Issue Date	Tenure No.	NTS	Map Number	Area (hectares)	Expiry	Yearly Assessment Requirements 07	08	09	10	11
NELL7	Geoinformatics Exploration Canada Limited	08-Jun-06	535286	094D		442.49	February 28, 2008	X	1,769.96	1,769.96	3,539.92	3,539.92
NELL8	Geoinformatics Exploration Canada Limited	08-Jun-06	535287	094D		442.481	February 28, 2008	X	1,769.92	1,769.92	3,539.85	3,539.85
NELL9	Geoinformatics Exploration Canada Limited	08-Jun-06	535288	094D		442.477	February 28, 2008	X	1,769.91	1,769.91	3,539.82	3,539.82
NELL10	Geoinformatics Exploration Canada Limited	08-Jun-06	535289	094D		442.459	February 28, 2008	X	1,769.84	1,769.84	3,539.67	3,539.67
NELL11	Geoinformatics Exploration Canada Limited	08-Jun-06	535290	094D		407.069	February 28, 2008	X	1,628.28	1,628.28	3,256.55	3,256.55
NELL12	Geoinformatics Exploration Canada Limited	08-Jun-06	535292	094D		442.698	February 28, 2008	X	1,770.79	1,770.79	3,541.58	3,541.58
NELL13	Geoinformatics Exploration Canada Limited	08-Jun-06	535293	094D		442.705	February 28, 2008	X	1,770.82	1,770.82	3,541.64	3,541.64
NELL14	Geoinformatics Exploration Canada Limited	08-Jun-06	535294	094D		442.726	February 28, 2008	X	1,770.90	1,770.90	3,541.81	3,541.81
NELL15	Geoinformatics Exploration Canada Limited	08-Jun-06	535295	094D		442.731	February 28, 2008	X	1,770.92	1,770.92	3,541.85	3,541.85
NELL17	Geoinformatics Exploration Canada Limited	08-Jun-06	535296	094D		442.74	February 28, 2008	X	1,770.96	1,770.96	3,541.92	3,541.92
NELL16	Geoinformatics Exploration Canada Limited	08-Jun-06	535297	094D		442.986	February 28, 2008	X	1,771.94	1,771.94	3,543.89	3,543.89
NELL18	Geoinformatics Exploration Canada Limited	08-Jun-06	535298	094D		442.978	February 28, 2008	X	1,771.91	1,771.91	3,543.82	3,543.82
NELL19	Geoinformatics Exploration Canada Limited	08-Jun-06	535299	094D		442.973	February 28, 2008	X	1,771.89	1,771.89	3,543.78	3,543.78
NELL20	Geoinformatics Exploration Canada Limited	08-Jun-06	535300	094D		442.953	February 28, 2008	X	1,771.81	1,771.81	3,543.62	3,543.62
NELL21	Geoinformatics Exploration Canada Limited	08-Jun-06	535302	094D		442.945	February 28, 2008	X	1,771.78	1,771.78	3,543.56	3,543.56
NELL22	Geoinformatics Exploration Canada Limited	08-Jun-06	535303	094D		443.193	February 28, 2008	X	1,772.77	1,772.77	3,545.54	3,545.54
NELL23	Geoinformatics Exploration Canada Limited	08-Jun-06	535304	094D		443.2	February 28, 2008	X	1,772.80	1,772.80	3,545.60	3,545.60
NELL24	Geoinformatics Exploration Canada Limited	08-Jun-06	535305	094D		443.219	February 28, 2008	X	1,772.88	1,772.88	3,545.75	3,545.75
NELL25	Geoinformatics Exploration Canada Limited	08-Jun-06	535306	094D		443.224	February 28, 2008	X	1,772.90	1,772.90	3,545.79	3,545.79
NELL26	Geoinformatics Exploration Canada Limited	08-Jun-06	535307	094D		443.253	February 28, 2008	X	1,773.01	1,773.01	3,546.02	3,546.02
NELL27	Geoinformatics Exploration Canada Limited	08-Jun-06	535314	094D		443.485	February 28, 2008	X	1,773.94	1,773.94	3,547.88	3,547.88
NELL28	Geoinformatics Exploration Canada Limited	08-Jun-06	535315	094D		443.478	February 28, 2008	X	1,773.91	1,773.91	3,547.82	3,547.82
NELL29	Geoinformatics Exploration Canada Limited	08-Jun-06	535316	094D		443.458	February 28, 2008	X	1,773.83	1,773.83	3,547.66	3,547.66
NELL30	Geoinformatics Exploration Canada Limited	08-Jun-06	535317	094D		443.449	February 28, 2008	X	1,773.80	1,773.80	3,547.59	3,547.59
NELL31	Geoinformatics Exploration Canada Limited	08-Jun-06	535318	094D		443.924	February 28, 2008	X	1,775.70	1,775.70	3,551.39	3,551.39
NELL33	Geoinformatics Exploration Canada Limited	08-Jun-06	535319	094D		443.719	February 28, 2008	X	1,774.88	1,774.88	3,549.75	3,549.75
NELL32	Geoinformatics Exploration Canada Limited	08-Jun-06	535320	094D		443.725	February 28, 2008	X	1,774.90	1,774.90	3,549.80	3,549.80
NELL34	Geoinformatics Exploration Canada Limited	08-Jun-06	535321	094D		443.71	February 28, 2008	X	1,774.84	1,774.84	3,549.68	3,549.68
NELL35	Geoinformatics Exploration Canada Limited	08-Jun-06	535322	094D		443.696	February 28, 2008	X	1,774.78	1,774.78	3,549.57	3,549.57
NELL36	Geoinformatics Exploration Canada Limited	08-Jun-06	535323	094D		443.678	February 28, 2008	X	1,774.71	1,774.71	3,549.42	3,549.42
NELL37	Geoinformatics Exploration Canada Limited	08-Jun-06	535324	094D		426.187	February 28, 2008	X	1,704.75	1,704.75	3,409.50	3,409.50
NELL38	Geoinformatics Exploration Canada Limited	08-Jun-06	535325	094D		443.953	February 28, 2008	X	1,775.81	1,775.81	3,551.62	3,551.62
NELL39	Geoinformatics Exploration Canada Limited	08-Jun-06	535326	094D		443.938	February 28, 2008	X	1,775.75	1,775.75	3,551.50	3,551.50
NELL40	Geoinformatics Exploration Canada Limited	08-Jun-06	535327	094D		426.132	February 28, 2008	X	1,704.53	1,704.53	3,409.06	3,409.06
NELL41	Geoinformatics Exploration Canada Limited	08-Jun-06	535328	094D		426.189	February 28, 2008	X	1,704.76	1,704.76	3,409.51	3,409.51
NELL42	Geoinformatics Exploration Canada Limited	08-Jun-06	535329	094D		444.21	February 28, 2008	X	1,776.84	1,776.84	3,553.68	3,553.68
NELL43	Geoinformatics Exploration Canada Limited	08-Jun-06	535330	094D		444.196	February 28, 2008	X	1,776.78	1,776.78	3,553.57	3,553.57
NELL44	Geoinformatics Exploration Canada Limited	08-Jun-06	535332	094D		444.193	February 28, 2008	X	1,776.77	1,776.77	3,553.54	3,553.54
NELL45	Geoinformatics Exploration Canada Limited	08-Jun-06	535333	094D		444.178	February 28, 2008	X	1,776.71	1,776.71	3,553.42	3,553.42
NELL46	Geoinformatics Exploration Canada Limited	08-Jun-06	535334	094D		444.384	February 28, 2008	X	1,777.54	1,777.54	3,555.07	3,555.07
NELL47	Geoinformatics Exploration Canada Limited	08-Jun-06	535335	094D		284.404	February 28, 2008	X	1,137.62	1,137.62	2,275.23	2,275.23
NELL48	Geoinformatics Exploration Canada Limited	08-Jun-06	535336	094D		195.528	February 28, 2008	X	782.11	782.11	1,564.22	1,564.22
NELL49	Geoinformatics Exploration Canada Limited	24-Oct-06	543939	094D		171.910	February 28, 2008	X	687.64	687.64	1,375.28	1,375.28
NELL50	Geoinformatics Exploration Canada Limited	24-Oct-06	543959	094D		172.050	February 28, 2008	X	688.20	688.20	1,376.40	1,376.40
NELL51	Geoinformatics Exploration Canada Limited	24-Oct-06	543979	094D		172.050	February 28, 2008	X	688.20	688.20	1,376.40	1,376.40

Geoinformatics Exploration Canada Limited

Mesilinka Project Claim Listing — **Omineca Mining District, British Columbia**

Claim Name	Owner	Issue Date	Tenure No.	NTS	Map Number	Area (hectares)	Expiry	Yearly Assessment Requirements 07	08	09	10	11
NELL52	Geoinformatics Exploration Canada Limited	24-Oct-06	543999	094D		172.040	February 28, 2008	X	688.16	688.16	1,376.32	1,376.32
NELL53	Geoinformatics Exploration Canada Limited	24-Oct-06	544019	094D		171.990	February 28, 2008	X	687.96	687.96	1,375.92	1,375.92
NELL54	Geoinformatics Exploration Canada Limited	24-Oct-06	544039	094D		164.770	February 28, 2008	X	659.08	659.08	1,318.16	1,318.16
NELL55	Geoinformatics Exploration Canada Limited	24-Oct-06	544059	094D		179.110	February 28, 2008	X	716.44	716.44	1,432.88	1,432.88
NELL56	Geoinformatics Exploration Canada Limited	24-Oct-06	544061	094D		179.110	February 28, 2008	X	716.44	716.44	1,432.88	1,432.88
NELL57	Geoinformatics Exploration Canada Limited	24-Oct-06	544079	094D		172.610	February 28, 2008	X	690.44	690.44	1,380.88	1,380.88
NELL58	Geoinformatics Exploration Canada Limited	24-Oct-06	544099	094D		172.690	February 28, 2008	X	690.76	690.76	1,381.52	1,381.52
NELL59	Geoinformatics Exploration Canada Limited	24-Oct-06	544119	094D		172.750	February 28, 2008	X	691.00	691.00	1,382.00	1,382.00
NELL60	Geoinformatics Exploration Canada Limited	24-Oct-06	544139	094D		179.870	February 28, 2008	X	719.48	719.48	1,438.96	1,438.96
NELL61	Geoinformatics Exploration Canada Limited	24-Oct-06	544159	094D		179.930	February 28, 2008	X	719.72	719.72	1,439.44	1,439.44
NELL62	Geoinformatics Exploration Canada Limited	24-Oct-06	544199	094D		179.770	February 28, 2008	X	719.08	719.08	1,438.16	1,438.16
NELL63	Geoinformatics Exploration Canada Limited	24-Oct-06	544179	094D		151.090	February 28, 2008	X	604.36	604.36	1,208.72	1,208.72
NELL64	Geoinformatics Exploration Canada Limited	24-Oct-06	544219	094D		172.610	February 28, 2008	X	690.44	690.44	1,380.88	1,380.88
NELL65	Geoinformatics Exploration Canada Limited	24-Oct-06	544239	094D		158.130	February 28, 2008	X	632.52	632.52	1,265.04	1,265.04
NELL66	Geoinformatics Exploration Canada Limited	24-Oct-06	544240	094D		172.480	February 28, 2008	X	689.92	689.92	1,379.84	1,379.84
NELL67	Geoinformatics Exploration Canada Limited	24-Oct-06	544259	094D		179.550	February 28, 2008	X	718.20	718.20	1,436.40	1,436.40
NELL68	Geoinformatics Exploration Canada Limited	24-Oct-06	544260	094D		172.380	February 28, 2008	X	689.52	689.52	1,379.04	1,379.04
NELL69	Geoinformatics Exploration Canada Limited	24-Oct-06	544279	094D		179.590	February 28, 2008	X	718.36	718.36	1,436.72	1,436.72
NELL70	Geoinformatics Exploration Canada Limited	24-Oct-06	544280	094D		143.680	February 28, 2008	X	574.72	574.72	1,149.44	1,149.44
NELL71	Geoinformatics Exploration Canada Limited	24-Oct-06	544281	094D		64.630	February 28, 2008	X	258.52	258.52	517.04	517.04
NELL72	Geoinformatics Exploration Canada Limited	28-Mar-07	555223	094C		448.780	March 28, 2008	X	1,795.12	1,795.12	3,590.24	3,590.24
NELL73	Geoinformatics Exploration Canada Limited	28-Mar-07	555224	094C		341.065	March 28, 2008	X	1,364.26	1,364.26	2,728.52	2,728.52
NELL74	Geoinformatics Exploration Canada Limited	28-Mar-07	555225	094C		269.260	March 28, 2008	X	1,077.04	1,077.04	2,154.08	2,154.08
							earliest expiry					
TOTAL	**248**	**claims**			**hectares**	**101,324**	**February 28, 2008**	**0**	**405,295**	**405,295**	**810,590**	**810,590**
					sq. km	**1,013**						
					acres	**250,371**						

Geoinformatics Exploration Canada Limited

KLIYUL Project Claim Listing — **Omineca Mining District, British Columbia**

Claim Name	Owner	Issue Date	Tenure No.	NTS	Map Number	Area (hectares)	Expiry	Yearly Assessment Requirements 07	08	09	10	11
KLI No. 1	Kennecott Canada Exploration Inc.	10-Aug-70	245065	z	094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 2	Kennecott Canada Exploration Inc.	10-Aug-70	245066		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 3	Kennecott Canada Exploration Inc.	10-Aug-70	245067		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 4	Kennecott Canada Exploration Inc.	10-Aug-70	245068		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 5	Kennecott Canada Exploration Inc.	10-Aug-70	245069		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 6	Kennecott Canada Exploration Inc.	10-Aug-70	245070		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 7	Kennecott Canada Exploration Inc.	10-Aug-70	245071		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 8	Kennecott Canada Exploration Inc.	10-Aug-70	245072		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 9	Kennecott Canada Exploration Inc.	10-Aug-70	245073		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 10	Kennecott Canada Exploration Inc.	10-Aug-70	245074		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 11	Kennecott Canada Exploration Inc.	10-Aug-70	245075		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 12	Kennecott Canada Exploration Inc.	10-Aug-70	245076		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 13	Kennecott Canada Exploration Inc.	10-Aug-70	245077		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 14	Kennecott Canada Exploration Inc.	10-Aug-70	245078		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 15	Kennecott Canada Exploration Inc.	10-Aug-70	245079		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 16	Kennecott Canada Exploration Inc.	10-Aug-70	245080		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 17	Kennecott Canada Exploration Inc.	10-Aug-70	245081		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 18	Kennecott Canada Exploration Inc.	10-Aug-70	245082		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 19	Kennecott Canada Exploration Inc.	10-Aug-70	245083		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 20	Kennecott Canada Exploration Inc.	10-Aug-70	245084		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 21	Kennecott Canada Exploration Inc.	11-Sep-70	245155		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 25	Kennecott Canada Exploration Inc.	11-Sep-70	245156		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 26	Kennecott Canada Exploration Inc.	11-Sep-70	245157		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 27	Kennecott Canada Exploration Inc.	11-Sep-70	245158		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI No. 28	Kennecott Canada Exploration Inc.	11-Sep-70	245159		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #39	Kennecott Canada Exploration Inc.	12-Jul-71	245382		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #40	Kennecott Canada Exploration Inc.	12-Jul-71	245383		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #41	Kennecott Canada Exploration Inc.	12-Jul-71	245384		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #42	Kennecott Canada Exploration Inc.	12-Jul-71	245385		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #43	Kennecott Canada Exploration Inc.	12-Jul-71	245386		094D050	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #44	Kennecott Canada Exploration Inc.	12-Jul-71	245387		094D050	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #45	Kennecott Canada Exploration Inc.	12-Jul-71	245388		094D050	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #46	Kennecott Canada Exploration Inc.	12-Jul-71	245389		094D050	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #47	Kennecott Canada Exploration Inc.	12-Jul-71	245390		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #48	Kennecott Canada Exploration Inc.	12-Jul-71	245391		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #49	Kennecott Canada Exploration Inc.	12-Jul-71	245392		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI #50	Kennecott Canada Exploration Inc.	12-Jul-71	245393		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
UTA #4	Kennecott Canada Exploration Inc.	29-Aug-73	245777		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
UTA #6	Kennecott Canada Exploration Inc.	29-Aug-73	245778		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
UTA #8	Kennecott Canada Exploration Inc.	29-Aug-73	245779		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
YUL-7	Kennecott Canada Exploration Inc.	15-Jul-93	319492		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
YUL-8	Kennecott Canada Exploration Inc.	15-Jul-93	319493		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
YUL-9	Kennecott Canada Exploration Inc.	15-Jul-93	319494		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
YUL-10	Kennecott Canada Exploration Inc.	15-Jul-93	319495		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00

Geoinformatics Exploration Canada Limited

KLIYUL Project Claim Listing

Omineca Mining District, British Columbia

Claim	Owner	Issue	Tenure	NTS	Map	Area	Expiry	Yearly Assessment Requirements				
Name		Date	No.		Number	(hectares)		07	08	09	10	11
YUL-11	Kennecott Canada Exploration Inc.	15-Jul-93	319496		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
YUL-12	Kennecott Canada Exploration Inc.	20-Jul-93	319497		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
YUL-13	Kennecott Canada Exploration Inc.	20-Jul-93	319498		094D060	25	February 28, 2008	X	200.00	200.00	200.00	200.00
KLI 51	Geoinformatics Exploration Canada Limited	13-Apr-06	532002	094D/09		446.18	February 28, 2008	X	1,784.72	1,784.72	3,569.44	3,569.44
KLI 52	Geoinformatics Exploration Canada Limited	13-Apr-06	532005	094D/09		357.066	February 28, 2008	X	1,428.26	1,428.26	2,856.53	2,856.53
KLI 53	Geoinformatics Exploration Canada Limited	13-Apr-06	532011	094D/09		392.925	February 28, 2008	X	1,571.70	1,571.70	3,143.40	3,143.40
KLI 54	Geoinformatics Exploration Canada Limited	13-Apr-06	532014	094D/09		446.019	February 28, 2008	X	1,784.08	1,784.08	3,568.15	3,568.15
KLI 55	Geoinformatics Exploration Canada Limited	13-Apr-06	532015	094D/09		445.836	February 28, 2008	X	1,783.34	1,783.34	3,566.69	3,566.69
KLI 56	Geoinformatics Exploration Canada Limited	13-Apr-06	532020	094D/09		445.834	February 28, 2008	X	1,783.34	1,783.34	3,566.67	3,566.67
KLI 57	Geoinformatics Exploration Canada Limited	13-Apr-06	532028	094D/09		445.821	February 28, 2008	X	1,783.28	1,783.28	3,566.57	3,566.57
KLI 58	Geoinformatics Exploration Canada Limited	13-Apr-06	532079	094D/09		445.567	February 28, 2008	X	1,782.27	1,782.27	3,564.54	3,564.54
KLI 59	Geoinformatics Exploration Canada Limited	13-Apr-06	532080	094D/09		427.502	February 28, 2008	X	1,710.01	1,710.01	3,420.02	3,420.02
KLI 60	Geoinformatics Exploration Canada Limited	13-Apr-06	532081	094D/09		445.565	February 28, 2008	X	1,782.26	1,782.26	3,564.52	3,564.52
KLI 61	Geoinformatics Exploration Canada Limited	13-Apr-06	532082	094D/09		445.551	February 28, 2008	X	1,782.20	1,782.20	3,564.41	3,564.41
KLI 62	Geoinformatics Exploration Canada Limited	13-Apr-06	532083	094D/09		427.495	February 28, 2008	X	1,709.98	1,709.98	3,419.96	3,419.96
KLI 63	Geoinformatics Exploration Canada Limited	13-Apr-06	532084	094D/09		427.548	February 28, 2008	X	1,710.19	1,710.19	3,420.38	3,420.38
KLI 64	Geoinformatics Exploration Canada Limited	13-Apr-06	532085	094D/09		445.361	February 28, 2008	X	1,781.44	1,781.44	3,562.89	3,562.89
	Geoinformatics Exploration Canada Limited	13-Apr-06	532086	094D/09		445.157	February 28, 2008	X	1,780.63	1,780.63	3,561.26	3,561.26
KLI 66	Geoinformatics Exploration Canada Limited	13-Apr-06	532087	094D/09		445.325	February 28, 2008	X	1,781.30	1,781.30	3,562.60	3,562.60
KLI 67	Geoinformatics Exploration Canada Limited	13-Apr-06	532089	094D/09		356.096	February 28, 2008	X	1,424.38	1,424.38	2,848.77	2,848.77
KLI 68	Geoinformatics Exploration Canada Limited	13-Apr-06	532090	094D/09		320.475	February 28, 2008	X	1,281.90	1,281.90	2,563.80	2,563.80
KLI 69	Geoinformatics Exploration Canada Limited	13-Apr-06	532091	094D/09		320.476	February 28, 2008	X	1,281.90	1,281.90	2,563.81	2,563.81
KLI 70	Geoinformatics Exploration Canada Limited	13-Apr-06	532092	094D/09		267.048	February 28, 2008	X	1,068.19	1,068.19	2,136.38	2,136.38
MES 1	Geoinformatics Exploration Canada Limited	25-Apr-06	533027	094D		429.325	February 28, 2008	X	1,717.30	1,717.30	3,434.60	3,434.60
MES 2	Geoinformatics Exploration Canada Limited	25-Apr-06	533030	094C		429.48	February 28, 2008	X	1,717.92	1,717.92	3,435.84	3,435.84
MES 3	Geoinformatics Exploration Canada Limited	25-Apr-06	533033	094D		429.546	February 28, 2008	X	1,718.18	1,718.18	3,436.37	3,436.37
MES 4	Geoinformatics Exploration Canada Limited	25-Apr-06	533034	094C		268.572	February 28, 2008	X	1,074.29	1,074.29	2,148.58	2,148.58
MES 5	Geoinformatics Exploration Canada Limited	25-Apr-06	533035	094D		268.576	February 28, 2008	X	1,074.30	1,074.30	2,148.61	2,148.61
MES 6	Geoinformatics Exploration Canada Limited	25-Apr-06	533036	094C		429.025	February 28, 2008	X	1,716.10	1,716.10	3,432.20	3,432.20
MES 7	Geoinformatics Exploration Canada Limited	25-Apr-06	533037	094C		411.321	February 28, 2008	X	1,645.28	1,645.28	3,290.57	3,290.57
MES 8	Geoinformatics Exploration Canada Limited	25-Apr-06	533038	094C		429.22	February 28, 2008	X	1,716.88	1,716.88	3,433.76	3,433.76
MES 9	Geoinformatics Exploration Canada Limited	25-Apr-06	533040	094C		214.53	February 28, 2008	X	858.12	858.12	1,716.24	1,716.24
							earliest expiry					
TOTAL	**76**	**claims**			**hectares**	**12,683**	**April 13, 2007**	**0**	**55,434**	**55,434**	**101,468**	**101,468**
					sq. km	**127**						
					acres	**31,341**						

Geoinformatics Exploration Canada Limited

Commander Option Claim Listing — Omineca Mining District, British Columbia

Claim Name	Owner	Issue Date		Tenure No.	NTS	Map Number	Area (hectares)	Expiry	Yearly Assessment Requirements 07	08	09	10	11
Commander (ABE)													
	Commander Resources Ltd.			514561		94C.031,32	1505.741	February 28, 2008	X	6,022.96	6,022.96		
	Commander Resources Ltd.			514577		94C.031,32	1129.927	February 28, 2008	X	4,519.71	4,519.71		
	Commander Resources Ltd.			514579		94C.032	717.404	February 28, 2008	X	2,869.62	2,869.62		
ABE 9	Commander Resources Ltd.			501310		94C.031	448.219	February 28, 2008	X	1,792.88	1,792.88		
ABE 10	Commander Resources Ltd.			501274		94C.031	430.485	February 28, 2008	X	1,721.94	1,721.94		
ABE11	Commander Resources Ltd.			501313		94C.031	125.54	February 28, 2008	X	502.16	502.16		
				6			**4,357.32**			**17,429.26**	**17,429.26**		
Commander (PAL)													
PAL 1	Commander Resources Ltd.			518338		94C.023	449.13	February 28, 2008	X	1,796.52	1,796.52		
PAL 2	Commander Resources Ltd.			518335		94C.023	269.597	February 28, 2008	X	1,078.39	1,078.39		
PAL 3	Commander Resources Ltd.			518330		94C.023	89.826	February 28, 2008	X	359.30	359.30		
PAL 4	Commander Resources Ltd.			518333		94C.023	53.919	February 28, 2008	X	215.68	215.68		
PAL 5	Commander Resources Ltd.			501205		94C.023	269.448	February 28, 2008	X	1,077.79	1,077.79		
				5			**1,131.92**			**4,527.68**	**4,527.68**		
Commander (TUT)													
TUT 1	Commander Resources Ltd.			501480		94C.022	197.574	February 28, 2008	X	790.30	790.30		
TUT 2	Commander Resources Ltd.			501440		94C.022	161.645	February 28, 2008	X	646.58	646.58		
				2			**359.22**			**1,436.88**	**1,436.88**		
Commander (TUT South)													
TUT 4	Commander Resources Ltd.			501366		94C.022	431.459	February 28, 2008	X	1,725.84	1,725.84		
TUT 5	Commander Resources Ltd.			504697		94C.022	431.318	February 28, 2008	X	1,725.27	1,725.27		
				2			**862.78**			**3,451.11**	**3,451.11**		
Commander (MATE)													
MATE 1	Commander Resources Ltd.			501566		94C.022	431.859	February 28, 2008	X	1,727.44	1,727.44		
MATE 2	Commander Resources Ltd.			501632		94C.022,23	431.856	February 28, 2008	X	1,727.42	1,727.42		
MAT	Commander Resources Ltd.			518781		94C.022,23	143.991	February 28, 2008	X	575.96	575.96		
				3			**1,007.71**			**4,030.82**	**4,030.82**		
Commander (ATEN)													
ATEN	Commander Resources Ltd.			501473		94C.013,23	432.057	November 4, 2008	X	1,728.23	1,728.23		
ATEN 2	Commander Resources Ltd.			504735		94C.013,23	432.167	November 4, 2008	X	1,728.67	1,728.67		
ATEN 3	Commander Resources Ltd.			527312		94C.013,23	432.188	February 28, 2008	X	1,728.75	1,728.75		
ATEN 4	Commander Resources Ltd.			527316		94C.013	432.387	February 28, 2008	X	1,729.55	1,729.55		
ATEN 5	Commander Resources Ltd.			527318		94C.013	432.38	February 28, 2008	X	1,729.52	1,729.52		
ATEN 6	Commander Resources Ltd.			527319		94C.013	396.191	February 28, 2008	X	1,584.76	1,584.76		
ATEN 7	Commander Resources Ltd.			527321		94C.013,23	395.981	February 28, 2008	X	1,583.92	1,583.92		
				7			**2,953.35**		**-**	**11,813.40**	**11,813.40**		
	Commander TOTAL			**25**			**10,672.29**		**-**	**42,689.16**	**42,689.16**		

Geoinformatics Exploration Canada Limited

Norwest (Hamel) Option Claim Listing

Omineca Mining District, British Columbia

Claim Name	Owner	Issue Date	Tenure No.	NTS	Map Number	Area (hectares)	Expiry	07	08	09	10	11
Ringo	Norwest Enterprises Inc.		528561			161.060	February 28, 2008	644.24	644.24	644.24	1,288.48	1,288.48
Starr	Norwest Enterprises Inc.		528562			214.828	February 28, 2008	859.31	859.31	859.31	1,718.62	1,718.62
KC	Norwest Enterprises Inc.		532828			428.659	February 28, 2008	1,714.64	1,714.64	1,714.64	3,429.27	3,429.27
PGE	Norwest Enterprises Inc.		533639			447.670	February 28, 2008	1,790.68	1,790.68	1,790.68	3,581.36	3,581.36
Westend	Norwest Enterprises Inc.		533724			125.334	February 28, 2008	501.34	501.34	501.34	1,002.67	1,002.67
Eastside	Norwest Enterprises Inc.		533727			161.062	February 28, 2008	644.25	644.25	644.25	1,288.50	1,288.50
Bingo	Norwest Enterprises Inc.		551350			357.287	February 7, 2007	1,429.15	1,429.15	1,429.15	2,858.30	2,858.30
1 More Bango	Norwest Enterprises Inc.		551355			17.867	February 7, 2007	71.47	71.47	71.47	142.94	142.94
Two More Bin(	Norwest Enterprises Inc.		551360			35.738	February 7, 2007	142.95	142.95	142.95	285.90	285.90
MES 10	Norwest Enterprises Inc.		551538			35.715	February 9, 2007	142.86	142.86	142.86	285.72	285.72
							earliest expiry					
TOTAL	**10**	**claims**			**hectares**	**1,985**	**February 6, 2007**	**7,941**	**7,941**	**7,941**	**15,882**	**15,882**
					sq. km	**20**						
					acres	**4,905**						

Appendix 2: Stream sediment sample location sites and assay certificates

SampleID	Coordinate System	Easting	Northing	Cu_ppm	Au_ppb	Ag_ppm	Mo_ppm	Pb_ppm	Zn_ppm
411751	NAD83_UTM_10	342998	6221450	109.75	6.4	0.239	3.73	3.74	36.9
411752	NAD83_UTM_10	343979	6221020	139.81	8.4	0.189	5.45	6.78	59.1
411753	NAD83_UTM_10	344974	6221359	115.43	2.2	0.082	7.46	2.41	27.4
411754	NAD83_UTM_10	345820	6219390	514.23	33.6	0.305	9.59	18.72	114.3
411755	NAD83_UTM_10	346384	6220577	259.42	6.3	0.145	4.2	8.34	70.4
411756	NAD83_UTM_10	346143	6220443	521.61	13.3	0.264	4.41	17.57	104
411758	NAD83_UTM_10	346393	6221317	149.19	5.5	0.167	5.36	3.67	28.3
411759	NAD83_UTM_10	348732	6222337	68.65	4.4	0.055	3.46	2.82	32.7
411760	NAD83_UTM_10	349230	6222218	167.88	4.1	0.252	1.62	3.7	45.5
411761	NAD83_UTM_10	349731	6221836	253.04	3	0.382	1.1	5.11	64.1
411762	NAD83_UTM_10	350102	6222251	107.59	2.8	0.121	7.92	3.63	34
411763	NAD83_UTM_10	345816	6223655	156.24	5.1	0.073	3.99	9.35	61.5
411764	NAD83_UTM_10	345769	6223546	165.84	11.6	0.069	3.59	7.38	60.6
411765	NAD83_UTM_10	347639	6224674	127.16	2.6	0.072	6.02	8.44	89
411766	NAD83_UTM_10	349678	6224637	108.8	2.7	0.092	2.9	5.68	65
411767	NAD83_UTM_10	350168	6224621	103.63	1.3	0.045	2.05	4.95	71.4
411769	NAD83_UTM_10	346198	6226658	173.36	5.3	0.135	11.63	11.51	84.5
411770	NAD83_UTM_10	347088	6228515	141.73	7.9	0.198	0.92	7.2	169
411771	NAD83_UTM_10	347174	6229556	100.52	13.5	0.204	3.12	8.37	109
411772	NAD83_UTM_10	345018	6229920	173.14	7.6	0.499	0.87	4.59	129.5
411773	NAD83_UTM_10	342953	6228161	147.76	2.4	0.23	4.38	6.4	70.8
411774	NAD83_UTM_10	342844	6226143	159.69	20.5	0.306	4.33	8.56	67.8
411775	NAD83_UTM_10	342342	6223473	217.51	33.6	0.38	5.92	10.39	116
411776	NAD83_UTM_10	342242	6225126	333.77	13.5	1.119	12.02	33.91	70.4
411777	NAD83_UTM_10	342235	6225123	235.32	48.2	0.267	16.68	11.73	70.4
411778	NAD83_UTM_10	340856	6224585	153.67	6.1	0.153	9.66	10.38	76.6
411779	NAD83_UTM_10	339375	6228990	250.66	6.1	0.229	5.79	11.31	71.5
411780	NAD83_UTM_10	339726	6229407	129.16	5.6	0.114	2.02	6.89	59.9
411781	NAD83_UTM_10	340254	6230517	132.22	5	0.077	2.34	3.67	54.7
411782	NAD83_UTM_10	340254	6230517	130.75	12.4	0.089	2.23	3.9	54.6
411783	NAD83_UTM_10	340239	6230325	115.85	5.7	0.116	4.13	4.23	53.6
411784	NAD83_UTM_10	341215	6232070	84.15	4.7	0.201	3.55	2.17	21.8
411785	NAD83_UTM_10	341936	6233141	55.2	315.3	0.092	1.36	2.99	50.7
411786	NAD83_UTM_10	338470	6231086	95.3	2.9	0.073	4.6	4.1	50.4
411787	NAD83_UTM_10	336893	6231198	173.96	12.4	0.13	2.78	6.59	68.4
411788	NAD83_UTM_10	336210	6229216	133.11	14.8	0.079	4.47	5.67	75.1
411789	NAD83_UTM_10	333246	6231298	316.15	11.3	0.114	2.41	4.32	65.8
411790	NAD83_UTM_10	333219	6234705	94.02	2.4	0.062	2.92	3.61	40.8

SampleID	Coordinate System	Easting	Northing	Cu_ppm	Au_ppb	Ag_ppm	Mo_ppm	Pb_ppm	Zn_ppm
411791	NAD83_UTM_10	330729	6234760	208.53	7.9	0.305	4.21	12.73	101.1
411792	NAD83_UTM_10	333704	6235791	69.95	2.2	0.206	1.4	16.24	42.3
411793	NAD83_UTM_10	336581	6237672	110.61	85.8	0.197	0.51	4.03	171.3
411794	NAD83_UTM_10	338118	6238383	79.19	4.1	0.134	2.02	5.69	121.4
411795	NAD83_UTM_10	341671	6239034	181.03	9	0.337	3.23	7.21	463.8
411796	NAD83_UTM_10	343388	6238963	144.06	256.7	0.229	1.05	7.4	67.3
411797	NAD83_UTM_10	343388	6238963	142.61	59.6	0.156	1.12	7.66	80.8
411798	NAD83_UTM_10	342484	6238168	102.76	1.5	0.263	1.21	15.7	151.5
411799	NAD83_UTM_10	338129	6234596	72.36	20	0.072	1.76	1.84	28.5
411800	NAD83_UTM_10	338181	6234432	104.36	5.4	0.088	1.5	2.86	34.9
411801	NAD83_UTM_10	343403	6221058	66.28	5.2	0.269	5.64	3.38	42.2
411802	NAD83_UTM_10	344554	6221069	121.27	3.7	0.174	6.49	4.09	58.9
411803	NAD83_UTM_10	345002	6221119	257.2	602.9	0.317	3.09	8.19	67.7
411804	NAD83_UTM_10	346575	6220106	478.65	42.9	0.326	8.11	16.32	108.6
411805	NAD83_UTM_10	347603	6220419	187.13	10	0.108	8.24	6.66	58.5
411806	NAD83_UTM_10	348325	6221891	159.14	2.2	0.068	9.37	4.5	75.4
411807	NAD83_UTM_10	349100	6221062	200.91	3.8	0.287	2.75	5.03	78.6
411808	NAD83_UTM_10	348994	6221137	164.63	4.4	0.214	5.95	4.6	65.5
411809	NAD83_UTM_10	349451	6220923	218.16	5.6	0.255	2	4.52	44.3
411810	NAD83_UTM_10	350158	6220776	149.67	3.5	0.149	5.34	4.64	63
411811	NAD83_UTM_10	346655	6223126	138.6	4.1	0.103	5.36	3.48	41.4
411812	NAD83_UTM_10	348282	6224293	111.03	1.9	0.087	3.57	8.19	99.6
411813	NAD83_UTM_10	349094	6224490	146.49	6.9	0.108	5.41	8.11	111.3
411814	NAD83_UTM_10	349068	6224581	124.74	5.4	0.103	9.34	8.6	129.7
411815	NAD83_UTM_10	349993	6227404	79.43	8.5	0.12	0.56	5.3	110.2
411816	NAD83_UTM_10	349818	6227397	131.37	7.1	0.128	1.14	10.22	107.1
411817	NAD83_UTM_10	348308	6227525	122.53	6.4	0.156	0.76	12.65	195.8
411818	NAD83_UTM_10	348170	6227541	138.11	9.8	0.213	0.67	24.23	195
411819	NAD83_UTM_10	347879	6229368	130.37	6.3	0.311	1.57	19.57	224.2
411820	NAD83_UTM_10	348424	6230441	51.06	8.3	0.088	1.95	2.99	86
411821	NAD83_UTM_10	345863	6230227	115.91	5.1	0.13	4.34	6.22	103.9
411822	NAD83_UTM_10	344661	6229684	107.7	1.2	0.204	4.37	7.23	72.7
411823	NAD83_UTM_10	344685	6229628	134.92	3.9	0.172	3.14	6.14	65
411824	NAD83_UTM_10	344088	6229173	265.9	5.4	0.304	3.65	12.66	83
411825	NAD83_UTM_10	348424	6230441	55.76	165.8	0.146	1.86	2.93	86.6
411826	NAD83_UTM_10	340990	6226380	161.86	8.5	0.215	7.53	9.55	74.4
411827	NAD83_UTM_10	341505	6224743	146.01	3	0.161	8.7	5.2	45.3
411828	NAD83_UTM_10	338457	6227323	126.72	4.9	0.103	3.07	8.91	91.8

SampleID	Coordinate System	Easting	Northing	Cu_ppm	Au_ppb	Ag_ppm	Mo_ppm	Pb_ppm	Zn_ppm
411829	NAD83_UTM_10	338310	6227261	219.08	7.8	0.117	6.03	5.77	62.8
411830	NAD83_UTM_10	338149	6227336	157.6	11.8	0.144	3.24	8.56	99.4
411831	NAD83_UTM_10	341341	6229180	89.1	3.7	0.131	2.87	5.53	75.4
411832	NAD83_UTM_10	333320	6232357	64.18	5.5	0.042	0.49	2.08	28.4
411833	NAD83_UTM_10	341681	6230766	143.96	1.9	0.173	5.56	6.55	80.5
411834	NAD83_UTM_10	342956	6232095	184.73	12.9	0.257	1.38	10.71	211.5
411835	NAD83_UTM_10	344550	6233395	178.37	16.8	0.529	4.12	25.65	192.4
411836	NAD83_UTM_10	335860	6229157	152.6	9.7	0.104	4.37	8.13	77.2
411837	NAD83_UTM_10	335893	6229247	133.63	6.1	0.06	2.73	4.31	57.9
411838	NAD83_UTM_10	333279	6233479	74.05	3.4	0.047	2.88	2.6	31.5
411839	NAD83_UTM_10	334245	6235560	125.11	19.8	0.126	2.57	4.68	44.9
411840	NAD83_UTM_10	335584	6237125	214.04	47.9	0.247	1.84	6.37	88
411841	NAD83_UTM_10	336680	6237927	105.57	4.7	0.097	0.62	3.31	33.1
411842	NAD83_UTM_10	339678	6236622	143.78	28.4	0.277	0.99	10.27	147.4
411843	NAD83_UTM_10	339551	6236755	105.33	5.9	0.079	1.56	2.42	50.9
411844	NAD83_UTM_10	338755	6235101	160.82	19.3	0.15	0.65	7.26	82
411845	NAD83_UTM_10	338665	6235201	179.34	64.4	0.323	1.65	2.97	70
411846	NAD83_UTM_10	337655	6233676	214.2	10.2	0.165	5.1	4.7	69.7
411847	NAD83_UTM_10	337573	6233650	116.3	13.7	0.105	2.87	3.25	51.9
411848	NAD83_UTM_10	337803	6234020	71.69	7.3	0.047	0.51	1.7	25.2
411849	NAD83_UTM_10	341551	6241207	40.61	3	0.079	0.65	2.29	68.2
411850	NAD83_UTM_10	341715	6240979	154.21	5.4	0.566	1.22	1.72	19.1
411851	NAD83_UTM_10	336028	6240322	245.1	44.5	0.732	0.73	16.47	82.4
411852	NAD83_UTM_10	336060	6240335	206.56	61.9	0.568	1	12.89	128.5
411853	NAD83_UTM_10	336151	6241760	137.25	42.2	0.52	0.72	9.92	79.1
411854	NAD83_UTM_10	338426	6242468	32.53	2.8	0.073	0.19	1.47	36.3
411855	NAD83_UTM_10	337049	6243444	91.89	14.9	0.239	0.51	5.25	68
411856	NAD83_UTM_10	335302	6242884	117.31	21	0.156	0.95	2.89	39.4
411857	NAD83_UTM_10	332938	6242494	50.44	4	0.067	1.31	2.96	24.5
411858	NAD83_UTM_10	332322	6242406	57.06	2.8	0.134	1.13	2.72	24.7
411859	NAD83_UTM_10	332020	6241460	94.88	2.5	0.144	1.38	12.66	37.6
411860	NAD83_UTM_10	335302	6242884	120.92	188.6	0.219	0.92	3.03	37.4
411861	NAD83_UTM_10	328534	6240764	27.13	0.7	0.047	0.95	2.33	30.8
411862	NAD83_UTM_10	330817	6242423	95.19	0.8	0.097	1.31	2.54	28.7
411863	NAD83_UTM_10	330539	6242316	41.38	4.1	0.056	1.47	2.68	35.9
411864	NAD83_UTM_10	319581	6248504	91.66	5.3	0.192	2.24	3.25	65.7
411865	NAD83_UTM_10	318857	6249245	63.02	10.3	0.154	0.85	3.29	82.6
411866	NAD83_UTM_10	322071	6249845	12.96	2.9	0.126	3.53	10.4	62.2

SampleID	Coordinate System	Easting	Northing	Cu_ppm	Au_ppb	Ag_ppm	Mo_ppm	Pb_ppm	Zn_ppm
411867	NAD83_UTM_10	324965	6251109	55.22	23.4	0.096	1.05	3.39	30.5
411868	NAD83_UTM_10	320641	6253366	62.67	19.2	0.145	4.33	3.42	85.8
411869	NAD83_UTM_10	319342	6254359	59.88	3.9	0.161	1.18	3.15	50.9
411870	NAD83_UTM_10	318737	6254292	31.17	1.4	0.057	3.26	3.09	50.8
411871	NAD83_UTM_10	317736	6254521	61.26	1.3	0.259	2.61	6.25	34.9
411872	NAD83_UTM_10	317655	6254560	28.87	1.7	0.15	2.66	7.85	48.5
411873	NAD83_UTM_10	316925	6253195	25.89	0.5	0.063	2.5	3.11	32.1
411874	NAD83_UTM_10	315355	6251469	37.06	2.6	0.051	0.55	0.85	25
411875	NAD83_UTM_10	323330	6261090	102.29	7.8	0.426	0.89	9.72	186.1
411876	NAD83_UTM_10	323360	6261030	123.48	9.6	0.288	0.61	11.28	134.3
411877	NAD83_UTM_10	323610	6261030	103.86	13.8	0.257	0.43	6.96	105.8
411878	NAD83_UTM_10	324470	6261800	77.91	22.8	0.212	0.48	6.48	111.2
411879	NAD83_UTM_10	325540	6260920	74.8	17.1	0.078	0.34	2.77	66.5
411880	NAD83_UTM_10	327400	6235000	254.82	7.9	0.143	0.47	3.18	97.7
411881	NAD83_UTM_10	327450	6235540	267.37	19.9	0.176	0.68	2.64	91.8
411882	NAD83_UTM_10	327560	6235520	276.28	13.5	0.18	0.32	2.39	97.1
411883	NAD83_UTM_10	326220	6228770	212.75	7.4	0.097	0.52	4.79	108.1
411885	NAD83_UTM_10	322968	6258298	66.95	8.9	0.096	0.33	2.29	31.6
411888	NAD83_UTM_10	327610	6250062	130.35	18.2	0.108	2.15	3.41	31.9
411889	NAD83_UTM_10	327433	6249484	131.37	5.5	0.076	0.78	1.8	29.1
411890	NAD83_UTM_10	325987	6249296	19.95	4.2	0.253	25.99	18.35	62.5
411891	NAD83_UTM_10	326047	6249289	130.48	28.9	0.227	9.36	6.24	71.4
411892	NAD83_UTM_10	324559	6245465	95.76	3.3	0.116	6.46	8.48	84.6
411894	NAD83_UTM_10	334633	6250294	98.31	3	0.054	0.69	3.37	82.2
411895	NAD83_UTM_10	332007	6250473	77.56	2.7	0.192	0.88	7.9	116.9
411897	NAD83_UTM_10	315407	6256957	105.73	6.4	0.31	6.71	17.13	58.3
411898	NAD83_UTM_10	315285	6257084	190.75	7.2	0.448	18.25	16.91	80.2
411899	NAD83_UTM_10	313062	6256247	117.94	1.4	0.083	3.74	2.93	47.6
411900	NAD83_UTM_10	344842	6236638	72.73	9.3	0.145	0.57	8.33	107.2
411901	NAD83_UTM_10	340856	6241391	102.87	4.4	0.171	1.07	5.27	221.8
411902	NAD83_UTM_10	340700	6241897	92.47	17.6	0.238	1.51	6.3	134.4
411903	NAD83_UTM_10	339658	6242137	105.41	4.5	0.143	0.97	3.41	104
411904	NAD83_UTM_10	334716	6239538	318.46	19.2	0.462	2.59	15.28	99.9
411905	NAD83_UTM_10	339110	6242453	99.47	8	0.165	0.77	3.21	76.4
411906	NAD83_UTM_10	338938	6242507	91.64	9.5	0.088	0.53	2.81	63
411907	NAD83_UTM_10	335001	6240854	264.17	15.2	0.327	2.01	4.46	52.6
411908	NAD83_UTM_10	332843	6239949	205.64	6.4	0.335	5.18	10.51	56.4
411909	NAD83_UTM_10	332139	6238840	114.98	2.4	0.14	1.36	19.48	56.1

SampleID	Coordinate System	Easting	Northing	Cu_ppm	Au_ppb	Ag_ppm	Mo_ppm	Pb_ppm	Zn_ppm
411910	NAD83_UTM_10	332231	6240048	123.2	2.6	0.166	1.66	17.33	43.3
411911	NAD83_UTM_10	332217	6240068	107.37	11.8	0.123	1.95	17.26	42.1
411912	NAD83_UTM_10	332217	6240068	101.76	2.4	0.118	1.77	16.13	39.1
411913	NAD83_UTM_10	330536	6241094	100.08	2.5	0.157	3	18.23	55.9
411914	NAD83_UTM_10	328170	6240598	43.99	0.5	0.057	0.85	3.29	34.5
411915	NAD83_UTM_10	328351	6243080	50.25	82.1	0.072	0.91	2.39	47
411916	NAD83_UTM_10	326650	6243361	115.73	3.8	0.091	1.42	4.28	75.1
411917	NAD83_UTM_10	333888	6243739	173.41	8.7	0.159	1.99	4.25	56.9
411918	NAD83_UTM_10	319975	6247185	13.9	0.3	0.034	0.71	2.64	26.1
411919	NAD83_UTM_10	320831	6248796	30.31	0.6	0.044	1.22	3.18	39
411920	NAD83_UTM_10	321763	6249679	39.87	4.7	0.156	1.93	5.32	64.9
411921	NAD83_UTM_10	325443	6252668	114.55	13.8	0.199	9.17	4.63	60.6
411922	NAD83_UTM_10	318437	6250978	60.39	25.8	0.236	1.23	3.65	67.7
411923	NAD83_UTM_10	318368	6252328	63.56	14.1	0.29	2.12	4.46	64.7
411924	NAD83_UTM_10	318368	6252328	53.78	11.3	0.227	1.8	4.31	63.5
411925	NAD83_UTM_10	318955	6254927	53.09	2	0.097	1.13	3.43	52.6
411926	NAD83_UTM_10	318497	6254793	29.58	0.7	0.094	1.61	1.33	26.7
411927	NAD83_UTM_10	315986	6251982	45.56	3	0.05	0.63	1.47	46.8
411928	NAD83_UTM_10	315329	6248668	68.1	1.7	0.071	2.44	4.4	46.2
411929	NAD83_UTM_10	316611	6246792	90.9	1.7	0.113	4.74	5.26	68.6
411931	NAD83_UTM_10	325405	6258516	35.49	2.4	0.065	0.62	1.88	44.6
411933	NAD83_UTM_10	320497	6254722	58.49	16.1	0.12	2.8	3.94	100
411935	NAD83_UTM_10	328720	6249144	52.78	0.9	0.126	1.95	27.91	28
411936	NAD83_UTM_10	329396	6249920	189.74	20.5	0.227	3.3	4.9	57.8
411937	NAD83_UTM_10	323688	6246020	2.61	-0.2	0.029	4.46	4.06	29.4
411940	NAD83_UTM_10	333321	6251242	85.09	443.7	0.156	0.83	5.22	80.1
411941	NAD83_UTM_10	330693	6252059	74.64	5.5	0.151	0.51	5	79
411942	NAD83_UTM_10	312612	6257424	33.83	1.9	0.026	0.27	1.97	26.3
411943	NAD83_UTM_10	312595	6257392	109.58	1.8	0.063	1.79	1.42	39.3
411944	NAD83_UTM_10	311340	6255623	108.17	2.5	0.117	6.53	4	53.9
411945	NAD83_UTM_10	344552	6233405	156.3	14	0.416	5.41	21.98	162.8
411946	NAD83_UTM_10	347298	6232597	147.02	12.5	0.178	1.19	8.38	84.7
411947	NAD83_UTM_10	347321	6232597	113.85	20.2	0.142	1.38	12.99	115
411948	NAD83_UTM_10	345403	6233413	135.55	55.7	0.341	2.41	11.12	175.8
411949	NAD83_UTM_10	326474	6231802	108.52	1.2	0.078	1.28	1.21	53.9
411950	NAD83_UTM_10	326292	6231394	139.68	1.8	0.067	0.88	1.96	71
411951	NAD83_UTM_10	344052	6234372	403.17	5	0.239	9.17	3.03	50
411952	NAD83_UTM_10	326385	6231397	55.6	0.9	0.102	1.97	3.48	56.9

SampleID	Coordinate System	Easting	Northing	Cu_ppm	Au_ppb	Ag_ppm	Mo_ppm	Pb_ppm	Zn_ppm
411953	NAD83_UTM_10	331245	6228647	108.97	5.7	0.151	0.9	3.9	89.2
411954	NAD83_UTM_10	328553	6230897	265.19	8.3	0.211	0.92	2.91	98.2
411955	NAD83_UTM_10	328600	6230907	158.64	4.5	0.077	0.56	1.72	79.2
411956	NAD83_UTM_10	329175	6229352	136.22	8.6	0.094	0.48	2.1	73.5
411957	NAD83_UTM_10	324630	6235462	196.56	3.3	0.094	1.61	2.28	97.6
411958	NAD83_UTM_10	326935	6237716	175.57	6.8	0.148	1.78	2.8	104.4
411959	NAD83_UTM_10	325669	6245436	92.9	17.2	0.141	6.68	5.52	89.4
411960	NAD83_UTM_10	332182	6229947	126.95	7.7	0.152	1.15	4.28	73.6
411961	NAD83_UTM_10	324547	6236456	148.94	3.1	0.091	0.63	2.05	70.6
411962	NAD83_UTM_10	326319	6237363	284.47	9.4	0.158	1.28	2.57	119.3
411963	NAD83_UTM_10	326326	6237356	78.79	35.4	0.097	1.85	4.19	59.3
411964	NAD83_UTM_10	331090	6247665	181.24	361.7	0.37	0.94	7.01	75.5
411965	NAD83_UTM_10	331910	6247667	105.14	22.7	0.147	2.29	14.15	31.6
411966	NAD83_UTM_10	332400	6247676	62.14	4.3	0.085	0.66	9.86	93.7
411967	NAD83_UTM_10	333981	6246656	97.33	13.6	0.072	1.13	4.27	87.6
411968	NAD83_UTM_10	330271	6245235	152.4	46.4	0.206	0.99	3.46	44.6
411969	NAD83_UTM_10	322468	6243417	5.37	-0.2	0.066	2.87	8.64	67
411970	NAD83_UTM_10	323435	6242847	5.02	0.4	0.116	1.75	10.22	54.2
411971	NAD83_UTM_10	330817	6247708	148.15	1.7	0.166	2.99	9.4	29.3
411972	NAD83_UTM_10	330808	6247609	42.15	0.8	0.142	1.04	24.07	25.9
411973	NAD83_UTM_10	332920	6247312	84.51	5.1	0.167	1.68	10.37	28.2
411974	NAD83_UTM_10	333042	6247217	171.89	256	0.313	1.07	6.92	75.8
411975	NAD83_UTM_10	333389	6247638	101.27	2.9	0.072	0.39	5.48	74.5
411976	NAD83_UTM_10	328409	6246040	65.02	14.3	0.095	0.6	2.76	44
411977	NAD83_UTM_10	324666	6241875	61.51	1.9	0.099	1.57	9.19	68.2
411978	NAD83_UTM_10	310175	6259578	178.06	9.5	0.153	1.11	2.84	99.1
411979	NAD83_UTM_10	313054	6255179	73.78	1.2	0.055	4.78	4.4	41.4
411980	NAD83_UTM_10	314928	6255088	116.31	0.8	0.082	3.58	1.99	38
411981	NAD83_UTM_10	317819	6251641	16.35	-0.2	0.056	4.85	4.01	45
411982	NAD83_UTM_10	323260	6231593	44.16	0.3	0.039	2.06	6.91	38.2
411983	NAD83_UTM_10	310548	6260591	126.76	5.1	0.105	1.11	2.59	63.6
411984	NAD83_UTM_10	314783	6254542	130.62	0.9	0.103	3.03	2	60.4
411985	NAD83_UTM_10	321377	6233335	104.25	2.2	0.056	1.08	1.9	43.6
411986	NAD83_UTM_10	322602	6229010	13.66	-0.2	0.053	6.51	3.6	39
411987	NAD83_UTM_10	322429	6229028	11.73	-0.2	0.061	1.77	2.62	41.6

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GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration File # A606305 Page 1 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: N / A

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
G-1	.62	1.87	2.57	43.6	8	6.7	4.2	529	1.75	.6	2.1	<.2	3.9	50.8	<.01	.02	.07	34	.43	.078	6.3	63.7	.61	213.2	.110	2	.93	.050	.54	<.1	2.0	.39	<.01	<5	<.1	<.02	4.8
410829	3.59	51.41	4.77	35.1	168	8.3	8.7	243	2.68	1.6	.6	1.8	.5	39.6	.08	.11	.23	111	.21	.025	4.0	15.1	.57	71.5	.123	2	1.42	.013	.05	1.0	2.0	.08	.02	7	<.1	<.02	10.1
410830	1.94	42.28	3.91	40.4	125	10.9	8.2	303	2.38	2.0	.7	2.1	.4	39.2	.11	.09	.11	80	.36	.055	4.8	16.8	.70	72.6	.107	3	1.76	.013	.10	.4	2.5	.08	.02	12	.1	.02	8.8
410831	1.72	30.98	2.93	27.3	37	18.7	7.7	181	2.89	2.7	.8	1.8	2.1	23.0	.04	.14	.13	80	.19	.106	4.7	30.9	.43	46.6	.072	1	1.97	.011	.03	.8	2.9	.06	.01	31	.3	.03	4.1
410832	2.02	37.67	3.46	28.7	162	13.5	7.6	210	3.00	2.2	.6	1.3	1.6	37.1	.05	.11	.11	87	.34	.096	5.0	21.0	.46	81.9	.083	2	1.54	.011	.06	.6	2.4	.03	.01	18	.1	.02	7.2
410833	2.06	97.03	3.74	42.2	199	10.5	9.5	282	3.91	3.2	.9	2.3	2.9	33.4	.06	.14	.20	114	.23	.150	4.7	17.7	.55	59.9	.121	2	2.92	.011	.05	2.0	3.4	.05	.01	57	.3	.05	7.7
410834	9.06	103.01	3.28	25.2	33	7.7	10.7	304	2.75	1.0	.7	1.4	1.2	38.4	.03	.10	.14	82	.53	.029	4.2	14.4	.60	82.1	.132	1	1.37	.013	.03	.4	2.6	.02	.01	<5	.1	<.02	5.9
RE 410834	8.75	98.60	3.34	25.3	47	8.0	9.8	294	2.70	1.1	.7	1.1	1.3	38.5	.02	.08	.12	79	.51	.029	4.1	13.0	.58	80.8	.131	<1	1.31	.013	.03	.5	2.5	.02	.01	5	.1	.02	5.9
410835	2.72	71.11	4.43	29.4	265	10.2	8.6	227	3.58	2.4	.9	1.3	2.3	30.3	.05	.11	.22	112	.24	.153	4.8	17.8	.46	55.5	.103	<1	2.98	.011	.04	.8	2.9	.04	.01	52	.4	.05	6.9
410836	2.17	57.18	5.30	39.7	426	10.5	7.2	212	3.61	2.5	.7	.7	2.3	26.6	.04	.12	.19	106	.25	.290	4.5	23.9	.43	49.3	.083	2	2.55	.009	.04	.6	2.9	.05	.01	30	.3	.02	8.0
410837	2.15	72.30	4.63	32.7	250	11.1	6.5	214	3.33	2.7	.9	1.2	2.6	27.4	.13	.11	.15	98	.19	.152	4.9	21.0	.41	54.4	.101	1	2.76	.011	.04	.7	3.3	.05	.02	56	.4	<.02	6.2
410838	1.73	34.89	5.29	22.5	133	5.7	4.9	139	2.84	2.0	.8	.7	2.2	23.0	.13	.11	.14	79	.18	.120	6.8	14.3	.22	59.4	.078	1	2.48	.009	.03	.8	2.7	.03	.01	35	.4	.03	6.9
410839	2.15	43.93	4.23	25.3	204	9.4	6.2	183	3.61	2.5	.9	1.8	2.9	25.0	.04	.12	.13	105	.23	.202	4.5	20.7	.31	56.1	.084	1	3.46	.012	.04	.7	3.0	.03	.01	41	.3	.05	5.5
410840	2.42	56.85	9.61	31.5	207	11.1	8.0	267	4.21	3.4	1.0	1.6	2.8	22.2	.09	.15	1.30	127	.22	.156	5.4	22.1	.48	48.0	.098	1	2.76	.010	.03	1.0	3.2	.04	.02	55	.5	.18	6.8
410841	1.96	68.08	14.18	24.4	245	8.3	6.6	224	3.53	1.9	.6	1.7	1.3	28.1	.09	.12	.32	114	.26	.088	4.5	16.3	.41	48.5	.096	1	1.42	.010	.04	.6	2.4	.04	.01	15	.2	.02	6.8
410842	2.50	18.55	10.49	24.4	130	7.5	6.0	182	4.06	3.2	.5	1.3	1.2	35.1	.10	.16	.45	144	.23	.145	3.4	20.6	.38	45.7	.137	<1	1.05	.010	.06	1.0	2.2	.04	.02	21	.3	.04	11.2
410843	3.45	20.36	4.72	14.9	147	9.6	6.2	148	3.11	2.1	.7	.2	1.8	22.0	.20	.12	.10	79	.26	.067	5.4	19.5	.28	64.1	.085	<1	1.70	.010	.03	.6	2.3	.02	.01	24	.2	.03	4.9
410844	3.32	39.71	5.83	28.9	270	13.3	8.5	231	3.72	2.5	.7	1.2	1.5	31.8	.15	.14	.24	103	.33	.088	5.4	22.7	.51	83.2	.078	<1	2.23	.009	.05	.9	2.6	.04	.01	30	.3	<.02	6.7
410845	8.05	66.07	10.54	26.5	119	10.4	8.6	202	3.21	1.7	.8	2.3	1.4	32.5	.04	.11	.17	92	.38	.045	5.2	20.4	.45	72.5	.098	<1	1.33	.009	.04	.7	2.2	.03	.01	11	.1	<.02	6.5
410846	2.39	28.59	7.37	33.4	150	8.3	6.4	200	4.07	2.6	.5	1.4	1.8	24.5	.06	.14	.25	112	.18	.319	3.6	24.6	.25	62.4	.050	1	2.10	.007	.03	1.1	2.2	.03	.01	40	.2	.09	6.1
410847	2.69	284.00	6.35	31.1	291	21.1	9.4	397	2.90	1.9	2.2	2.4	1.4	53.7	.19	.16	.24	74	.81	.048	7.4	26.9	.47	97.0	.064	1	1.74	.013	.09	.6	3.7	.05	.02	24	.6	.03	6.0
410848	1.16	29.58	3.60	27.9	119	9.1	6.2	143	3.18	1.5	.7	.3	1.5	25.4	.03	.10	.12	95	.26	.154	5.1	16.4	.25	66.9	.052	1	1.68	.009	.03	.5	2.2	.02	.01	11	.2	.04	3.8
410849	1.14	15.81	3.92	17.6	73	8.4	5.6	126	2.87	1.4	.6	<.2	1.1	24.1	.01	.10	.10	83	.19	.201	3.4	18.3	.17	62.5	.041	<1	1.35	.007	.02	.8	1.5	.02	.01	16	.2	.02	4.9
410850	2.06	18.10	4.39	15.8	56	6.1	3.6	100	2.47	1.4	.5	.2	1.0	22.3	.04	.11	.14	67	.19	.128	3.9	15.7	.18	59.1	.059	1	1.30	.008	.03	.4	1.6	.04	.01	15	.3	<.02	4.6
411522	3.79	107.45	6.85	55.6	160	17.1	11.6	392	3.59	2.0	.8	3.6	.8	36.7	.06	.13	.35	111	.31	.050	5.4	24.1	.95	150.1	.098	1	2.64	.012	.16	.7	3.5	.12	.02	26	.2	.07	11.2
411523	2.30	61.41	3.60	33.8	20	12.7	7.2	262	2.59	1.9	.7	1.5	1.0	32.9	.04	.09	.19	84	.35	.087	5.7	20.4	.63	76.9	.086	1	1.79	.010	.10	.6	2.3	.05	.01	18	.3	.03	7.0
411524	1.77	33.27	3.76	19.7	54	8.8	4.4	165	1.56	1.4	.6	1.2	.4	31.0	.06	.09	.12	58	.28	.049	4.4	16.1	.40	56.4	.090	1	1.06	.010	.07	.5	1.5	.04	.01	11	<.1	.03	6.2
411525	3.18	51.57	3.65	27.6	42	9.2	6.9	261	3.65	2.3	.9	2.1	1.4	40.6	.12	.18	.31	108	.41	.111	7.2	18.3	.44	70.2	.099	1	1.44	.013	.05	.8	2.3	.04	.02	25	.2	.05	7.2
411526	2.99	66.63	5.13	46.5	43	13.5	10.0	289	4.88	3.5	1.0	2.3	2.9	34.4	.15	.16	.19	139	.34	.247	6.8	32.8	.62	107.9	.115	<1	3.71	.011	.11	.9	3.3	.09	.03	57	.3	.03	11.9
411527	1.74	24.38	3.19	14.5	70	6.4	3.1	116	2.42	1.6	.6	2.9	2.1	23.8	.03	.11	.36	65	.21	.108	4.4	18.3	.24	39.8	.058	1	1.56	.009	.03	.7	2.1	.03	.01	35	.3	.02	4.1
411528	1.66	62.55	3.37	27.8	40	29.0	9.7	232	2.92	2.4	.7	1.0	2.3	28.8	.06	.13	.12	75	.26	.120	5.4	36.1	.60	98.8	.072	1	1.85	.008	.10	1.0	2.6	.04	.01	81	.1	.02	5.3
411529	1.96	114.41	4.41	48.6	103	8.8	13.3	394	4.05	2.3	.6	1.1	1.6	43.2	.06	.11	.14	126	.34	.227	4.8	14.4	.85	91.1	.119	<1	2.52	.010	.11	1.3	2.7	.06	.02	21	.1	.04	8.7
411530	3.34	20.31	2.20	9.4	27	6.3	4.3	133	2.58	1.1	.7	1.7	.9	30.4	.03	.09	.08	77	.37	.064	5.3	15.5	.23	30.8	.050	<1	.59	.012	.03	.9	1.1	<.02	.01	8	.2	.07	3.1
411531	4.21	33.19	3.59	23.2	102	9.6	9.7	224	3.61	2.0	.6	2.2	1.5	33.0	.08	.12	.14	111	.34	.072	5.1	22.0	.44	62.8	.095	1	1.23	.010	.08	.8	2.1	.03	.01	5	.1	<.02	6.4
411532	7.48	99.72	12.29	38.2	480	14.1	11.9	310	5.22	3.7	.9	2.7	2.7	38.1	.22	.17	.31	174	.30	.086	6.6	26.7	.75	71.2	.176	1	2.66	.009	.07	1.1	4.0	.05	.02	30	.2	.06	11.6
STANDARD DS7	20.73	108.59	68.94	406.5	899	54.4	9.5	635	2.41	54.2	4.9	68.0	4.6	74.9	6.71	5.74	4.62	82	.96	.081	12.9	179.1	1.06	375.4	.123	40	1.00	.074	.46	3.9	2.8	4.23	.20	199	3.4	1.13	5.2

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA ____ DATE RECEIVED: SEP 14 2006 DATE REPORT MAILED:................

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm
G-1	.72	2.19	2.74	44.1	11	7.6	4.6	547	1.83	.2	2.2	.9	3.9	50.9
411533	5.50	45.41	3.49	17.4	64	7.3	6.0	161	3.67	2.2	.8	27.7	1.5	30.6
411534	5.98	537.65	4.24	20.6	66	10.9	9.4	355	2.68	.9	2.5	2.4	3.3	36.0
411535	4.67	110.69	5.93	30.0	51	12.0	9.2	256	3.49	2.2	1.0	.7	2.6	39.7
411536	2.94	58.27	4.54	30.9	142	13.8	11.9	306	3.55	2.1	.8	1.4	2.3	28.4
411537	3.10	51.93	3.37	18.3	68	10.3	6.4	187	3.28	1.7	.7	1.8	1.7	28.5
411538	3.83	47.16	2.90	16.4	17	11.5	6.6	190	3.31	2.1	.8	2.7	1.7	33.7
411539	2.08	24.26	6.00	11.7	64	6.0	4.0	101	2.43	1.0	.5	1.6	1.4	25.5
411540	2.44	82.60	2.52	21.3	95	11.1	7.3	308	3.16	1.0	1.4	29.6	1.5	50.4
RE 411540	2.68	88.10	2.94	24.4	108	12.2	7.8	346	2.94	1.3	1.5	1.8	1.6	54.1
41[illegible]	6.19	77.55	2.58	12.7	59	11.0	6.2	211	2.49	1.2	1.2	4.8	1.8	40.2
411542	5.19	19.18	4.41	14.1	77	6.9	4.2	119	2.89	1.6	.6	2.1	1.0	28.8
411543	5.29	21.34	3.31	15.2	54	10.7	5.9	169	3.72	2.2	.7	5.6	1.6	29.9
411544	4.98	24.99	3.62	15.8	131	9.0	4.8	148	3.53	2.7	.6	2.6	1.5	27.4
411545	2.92	43.83	2.45	15.1	71	9.8	5.6	171	3.13	2.0	1.3	2.0	2.1	34.0
411546	4.51	129.63	4.73	38.1	201	8.5	15.6	479	4.68	1.7	1.4	2.9	4.3	188.1
411547	2.45	48.03	2.67	15.5	93	7.4	5.6	149	2.92	1.7	1.0	1.8	3.3	26.3
411548	3.00	46.29	5.56	44.8	205	26.1	9.8	250	3.71	2.9	.7	1.7	2.0	25.8
411549	2.88	36.61	3.43	23.7	57	10.4	6.1	227	3.73	2.6	.9	3.7	2.9	31.6
411550	2.54	16.62	3.62	15.4	19	5.2	3.4	136	1.86	2.3	.7	2.3	1.4	37.2
411556	2.59	34.27	3.17	20.8	4	10.1	8.4	342	2.29	1.7	.8	3.8	2.0	52.3
411557	3.22	65.35	2.90	25.7	15	11.2	8.1	323	2.87	2.0	.8	2.6	2.0	48.7
411558	1.73	52.36	3.63	30.2	125	9.8	9.3	259	3.22	2.1	.8	2.4	1.8	38.3
411559	6.24	311.44	4.54	55.9	515	22.4	15.9	842	5.29	12.7	2.5	50.3	.5	70.7
411560	5.49	292.76	6.77	71.0	351	24.9	36.9	1489	6.45	20.6	.4	302.1	.8	36.6
411561	5.33	279.57	6.26	74.0	329	22.8	35.1	1524	5.94	20.4	.4	260.3	.8	39.3
411562	13.87	240.76	5.45	65.7	334	21.0	22.3	1321	5.35	14.6	1.4	57.4	1.0	88.3
411563	16.04	172.41	4.33	67.9	270	20.4	19.8	1388	5.04	15.9	1.2	27.8	.5	78.3
411564	14.35	988.39	4.66	54.0	352	31.7	24.4	529	7.51	40.0	.3	66.7	.9	27.0
4[illegible]	9.68	567.65	7.45	59.3	408	13.4	20.6	1332	4.82	21.2	2.7	29.3	1.1	75.7
411566	9.33	157.74	5.01	49.4	239	12.3	18.3	539	6.94	17.6	.7	19.4	1.5	27.4
411567	14.06	259.53	7.16	52.8	211	15.5	25.2	1158	6.22	15.3	1.1	59.4	1.3	38.8
411568	2.92	36.21	5.83	30.6	103	7.9	10.9	421	4.55	6.6	.2	43.8	.6	31.6
411569	5.79	254.04	6.35	53.7	240	7.9	15.6	978	4.42	11.3	6.1	17.9	.8	105.3
411878	.48	77.91	6.48	111.2	212	46.9	25.1	1029	4.75	11.6	.3	22.8	.4	71.3
STANDARD DS7	21.00	109.06	69.96	412.2	877	55.7	9.6	647	2.42	52.9	5.0	69.0	4.7	76.4

SAMPLE#	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.02	.02	.07	37	.45	.081	7.0	71.8	.63	218.5	.111	1	.97	.058	.54	.1	2.0	.43	<.01	<5	<.1	.02	5.2
411533	.12	.15	.14	110	.29	.036	4.7	19.3	.28	34.4	.110	1	1.14	.010	.03	1.2	1.7	.02	.01	17	.2	.04	6.0
411534	.06	.11	.25	84	.51	.033	9.0	17.9	.53	37.1	.120	1	1.13	.013	.04	1.2	3.3	.03	.01	9	.3	.07	5.0
411535	.06	.15	.21	104	.28	.142	5.2	20.9	.50	52.5	.090	1	2.53	.010	.04	1.6	2.8	.05	.01	18	.1	.03	5.7
411536	.08	.12	.12	102	.30	.138	4.4	20.0	.49	49.9	.092	<1	2.12	.010	.04	1.0	2.6	.04	.01	15	.2	.02	5.5
411537	.05	.13	.13	101	.31	.077	4.9	18.5	.36	65.3	.100	1	1.69	.010	.05	.6	2.3	.03	.01	12	.1	.04	6.4
411538	.02	.15	.11	105	.44	.062	5.7	22.7	.34	45.4	.079	1	.83	.011	.04	.6	1.6	.03	.01	<5	.1	.02	4.8
411539	.04	.12	.22	71	.17	.056	3.9	19.7	.15	45.7	.058	1	1.15	.008	.03	.8	1.4	.03	.01	32	.2	.03	5.3
411540	.13	.12	.10	99	.65	.097	8.5	21.9	.36	76.8	.059	2	.92	.012	.06	1.1	2.0	.06	.03	24	.7	.03	3.3
RE 411540	.11	.12	.09	87	.69	.092	8.9	20.2	.39	87.3	.061	1	1.02	.013	.07	1.1	2.2	.06	.03	22	.9	.02	3.4
41[illegible]	.05	.10	.09	69	.46	.059	6.5	17.6	.32	53.5	.075	1	1.00	.013	.04	.4	2.0	.03	.01	18	.3	.02	3.8
411542	.11	.15	.11	101	.22	.023	4.1	20.3	.17	34.6	.102	<1	.75	.008	.04	.8	1.3	.04	.01	14	.2	.05	6.5
411543	.02	.12	.11	108	.40	.102	4.9	23.1	.29	33.1	.079	1	.87	.010	.04	.8	1.6	<.02	.01	6	<.1	.03	5.6
411544	.04	.14	.14	116	.25	.153	3.9	22.1	.26	51.5	.095	1	1.17	.009	.04	1.1	1.8	.03	.01	14	.1	.03	7.9
411545	.01	.11	.14	91	.42	.110	6.2	18.4	.31	39.7	.078	1	1.21	.012	.04	.8	2.1	.02	.01	9	.2	.02	4.4
411546	.06	.09	.18	157	.53	.111	8.8	13.6	1.14	105.7	.192	1	2.65	.017	.15	1.3	5.6	.11	.01	25	.3	.08	8.8
411547	.05	.13	.12	83	.25	.126	5.4	16.6	.24	50.2	.075	1	2.18	.011	.03	.7	2.2	.03	.01	39	.2	<.02	4.2
411548	.15	.26	.28	93	.25	.073	4.9	61.6	.50	60.7	.101	1	1.96	.010	.04	.7	2.9	.04	.01	25	.1	.09	6.1
411549	.08	.14	.16	112	.35	.106	6.3	23.1	.40	57.8	.090	1	1.82	.013	.05	.8	2.4	.04	.01	24	.1	<.02	5.5
411550	.06	.12	.14	100	.35	.044	4.9	12.5	.28	45.4	.124	1	.87	.014	.04	.8	1.8	.04	.01	14	.2	<.02	8.1
411556	.06	.11	.09	78	.61	.119	8.0	18.3	.47	63.3	.105	1	1.03	.016	.09	.6	2.2	.06	.01	6	.1	<.02	4.5
411557	.03	.14	.11	93	.52	.081	6.7	17.8	.63	80.4	.119	1	1.41	.016	.11	.7	2.8	.07	.01	16	.1	.02	5.5
411558	.16	.13	.15	102	.38	.133	6.1	16.2	.45	87.3	.104	<1	2.36	.015	.06	.8	3.1	.04	.01	30	.3	<.02	5.7
411559	.10	2.06	.35	126	.97	.103	4.8	62.7	.93	207.4	.056	2	1.18	.010	.23	1.8	4.9	.09	.06	34	1.6	.13	4.5
411560	.19	2.27	.82	122	.48	.149	6.0	36.4	1.10	129.8	.068	1	1.57	.007	.27	1.4	5.2	.14	.08	12	1.1	.25	4.6
411561	.18	2.39	.79	113	.53	.148	5.8	33.2	1.10	156.0	.063	1	1.48	.007	.27	1.4	5.2	.13	.09	15	1.0	.24	4.9
411562	.18	2.50	.47	120	1.08	.163	7.3	37.2	1.19	304.8	.078	3	1.78	.010	.31	1.5	5.7	.18	.07	49	1.7	.23	5.5
411563	.19	2.12	.32	125	.97	.148	5.1	37.3	1.10	261.9	.077	1	1.50	.012	.24	2.2	4.7	.16	.05	37	.6	.07	5.1
411564	.06	5.13	.53	205	.41	.162	5.2	50.7	1.38	97.1	.123	1	2.41	.008	.14	1.6	7.5	.15	.03	23	.5	.22	8.5
4[illegible]	.38	4.89	.80	113	1.45	.176	17.8	17.2	1.17	209.7	.053	3	1.75	.011	.36	1.4	6.4	.34	.13	159	2.1	.35	5.4
411566	.07	.98	.92	167	.29	.205	4.0	23.4	1.51	105.4	.127	2	2.84	.009	.36	3.3	6.4	.19	.03	32	.2	.42	10.4
411567	.06	1.11	.95	144	.63	.166	7.8	30.1	1.53	201.8	.107	1	2.52	.009	.56	4.8	6.4	.29	.06	45	.4	.43	7.7
411568	.08	1.06	.48	116	.23	.099	2.7	19.0	.65	88.3	.118	1	1.51	.007	.16	1.8	2.7	.14	.04	21	<.1	.16	9.1
411569	.35	.78	.98	107	1.61	.200	15.8	10.3	1.16	181.6	.075	5	1.87	.011	.41	4.7	4.6	.27	.13	68	1.4	.39	5.7
411878	.44	.40	.05	109	1.16	.083	2.5	65.5	1.91	75.8	.185	<1	2.94	.017	.05	.2	5.9	.04	.26	17	1.1	.02	6.9
STANDARD DS7	6.47	6.28	4.54	84	.98	.081	13.7	180.6	1.08	392.0	.130	40	1.03	.083	.47	4.1	2.7	4.26	.21	207	3.5	1.06	5.1

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL

Geoinformatics Exploration   FILE # A606305   Page 3 (a)

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.69	2.06	2.52	44.0	12	6.9	4.3	529	1.82	.5	1.9	1.0	3.5	49.8	.02	<.02	.06	35	.43	.074	6.3	62.2	.61	210.3	.107	<1	.93	.042	.54	<.1	2.0	.35	<.01	<5	.2	<.02	5.2
411880	.47	254.82	3.18	97.7	143	29.1	29.7	1088	5.35	1.7	1.2	7.9	.8	96.6	.18	.17	.17	189	1.01	.241	5.9	35.2	2.37	367.4	.148	<1	3.32	.011	.43	.1	5.9	.10	.03	16	.7	.05	9.7
411881	.68	267.37	2.64	91.8	176	28.2	29.9	1128	5.53	1.5	1.4	19.9	.7	140.9	.17	.13	.45	186	1.21	.229	4.8	46.5	2.34	451.6	.155	<1	3.45	.018	.55	.3	4.8	.16	.03	18	.6	.05	10.0
411882	.32	276.28	2.39	97.1	180	24.1	27.7	1518	5.28	1.6	.8	13.5	.9	286.4	.21	.14	.48	177	1.09	.220	6.8	32.2	2.46	410.1	.121	1	3.51	.011	.36	.2	6.7	.11	.03	21	.4	.09	10.2
RE 411882	.36	284.75	2.46	103.8	201	24.8	28.4	1537	5.24	1.6	.8	12.4	.9	282.4	.17	.15	.48	176	1.08	.204	6.5	34.1	2.49	431.2	.120	1	3.46	.011	.37	.3	6.9	.10	.03	27	.4	.04	10.1
411883	.52	212.75	4.79	108.1	97	11.7	22.4	1060	5.00	1.4	.6	7.4	.7	153.6	.18	.09	.48	159	1.01	.233	4.4	12.9	1.79	264.1	.103	1	2.92	.012	.29	.1	3.3	.10	.03	40	.7	.04	8.7
411884	.60	79.41	2.09	34.9	161	21.3	13.7	589	2.68	2.6	.7	5.0	.4	49.4	.35	1.30	.06	67	1.70	.072	3.4	36.8	.81	45.5	.084	2	1.33	.019	.05	.4	3.8	.05	.14	41	4.5	.04	3.4
411886	1.88	213.80	8.10	33.1	139	103.5	41.9	717	5.10	1.2	.3	9.1	.7	38.6	.17	.09	.25	137	.50	.065	2.5	195.1	2.22	65.5	.072	1	1.20	.010	.10	2.5	5.3	.09	.05	<5	.4	.07	4.1
411893	.42	92.18	2.34	56.9	72	39.9	27.0	1077	5.08	8.6	.4	11.2	.5	79.3	.13	.56	.04	176	1.45	.137	3.6	54.8	2.08	239.6	.085	2	3.22	.014	.05	<.1	13.2	.03	.05	10	.8	.03	9.2
411894	.69	98.31	3.37	82.2	54	73.6	31.1	1100	5.58	7.7	.5	3.0	.4	58.0	.26	.25	.04	177	2.09	.054	2.4	87.4	2.58	34.0	.269	5	4.04	.012	.03	<.1	15.6	.05	.04	17	1.2	.04	10.7
411[illegible]	.88	77.56	7.90	116.9	192	50.3	23.1	976	5.12	22.4	.5	2.7	.6	126.6	.51	.68	.08	113	1.32	.069	4.7	71.8	2.02	120.5	.120	3	3.62	.027	.05	<.1	9.2	.03	.05	11	1.8	.07	8.9
411896	1.65	332.62	4.04	229.9	177	41.0	35.4	1232	4.07	11.3	.8	10.0	.3	52.4	1.11	.24	.15	91	.91	.077	2.1	82.5	1.85	57.0	.124	1	2.58	.014	.11	.4	4.4	.09	.06	14	1.7	.07	6.3
411897	6.71	105.73	17.13	58.3	310	33.9	12.3	605	2.33	2.1	253.7	6.4	3.8	147.9	.20	.13	1.49	50	.98	.099	23.5	55.0	.97	260.9	.049	<1	2.20	.020	.16	2.4	2.7	.19	.04	32	.7	.12	7.6
411898	18.25	190.75	16.91	80.2	448	103.1	25.8	934	3.50	3.7	555.2	7.2	2.1	177.7	.84	.17	1.46	61	1.15	.106	29.3	139.7	1.91	257.4	.051	<1	3.20	.020	.14	3.9	3.8	.20	.05	25	1.0	.24	11.0
411899	3.74	117.94	2.93	47.6	83	22.0	20.4	553	2.81	1.2	2.2	1.4	1.6	32.4	.10	.05	.56	84	.59	.072	3.7	30.5	1.18	158.8	.125	<1	1.83	.023	.34	.8	3.5	.15	.03	<5	.6	.07	4.8
411900	.57	72.73	8.33	107.2	145	29.8	18.0	781	4.46	15.2	2.2	9.3	.6	47.9	.37	.48	.07	150	.87	.085	4.9	56.8	1.36	154.5	.103	2	2.71	.014	.05	.1	6.8	.05	.03	18	1.4	<.02	8.6
411930	.19	40.50	1.79	45.0	88	23.7	13.2	422	2.41	1.5	.4	2.2	.4	39.4	.23	.07	.02	77	1.07	.046	2.2	32.3	1.08	28.6	.155	2	1.59	.018	.03	<.1	3.7	.03	.05	20	1.9	<.02	4.7
411932	1.91	101.04	5.50	37.7	161	127.2	46.4	785	4.16	2.2	.6	32.6	.6	41.1	.25	.16	.36	53	.92	.059	1.9	247.2	3.71	90.2	.063	1	1.18	.012	.11	1.2	4.4	.09	.08	<5	.9	.18	3.6
411933	2.80	58.49	3.94	100.0	120	18.3	17.6	585	3.07	2.2	3.4	16.1	1.4	93.8	.37	.22	.14	74	1.03	.092	4.0	38.2	1.23	206.8	.125	1	2.00	.025	.26	.6	3.4	.09	.05	8	1.1	.11	5.8
411934	.75	87.98	8.20	89.4	201	29.5	19.9	672	3.60	12.2	.6	11.2	1.4	105.2	.60	.36	.12	94	1.47	.078	5.7	59.8	1.23	136.2	.131	2	2.36	.026	.10	.5	4.4	.06	.05	7	2.8	.09	6.0
411943	1.79	109.58	1.42	39.3	63	64.6	26.3	489	4.36	.9	2.8	1.8	.5	36.6	.12	.05	.82	154	.77	.159	2.0	158.3	1.57	168.1	.104	<1	1.57	.027	.33	1.0	4.3	.09	.04	<5	.5	.08	5.2
411945	5.41	156.30	21.98	162.8	416	37.7	28.4	1321	4.59	202.1	1.5	14.0	1.5	160.3	.80	.87	.51	107	1.72	.134	10.8	51.3	1.38	270.0	.026	3	3.00	.021	.07	.2	8.2	.06	.12	44	3.1	.09	9.8
411947	1.38	113.85	12.99	115.0	142	35.8	31.0	1453	5.63	42.1	.4	20.2	.5	63.1	.47	.49	.08	172	.90	.127	5.9	62.9	1.82	199.9	.046	2	2.84	.011	.06	<.1	11.3	.05	.03	33	.5	.02	9.0
411951	9.17	403.17	3.03	50.0	239	27.9	17.9	1175	3.39	118.4	3.2	5.0	.5	101.8	.78	.43	.04	117	2.03	.363	12.9	27.4	.44	60.2	.041	4	.98	.018	.03	1.7	5.9	.07	.14	149	3.5	.02	3.3
STANDARD	20.12	106.42	67.87	420.4	880	54.7	9.3	641	2.42	51.0	4.9	68.8	4.4	72.6	6.50	6.02	4.49	84	.95	.080	12.8	171.3	1.08	374.0	.121	40	1.00	.077	.45	4.1	2.7	4.29	.21	199	3.5	1.02	5.0

Standard is STANDARD DS7. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration File # A606305 Page 1 (b)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: N / A

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	3.66	.1	.10	.35	45.1	.5	<.05	1.2	3.94	13.5	<.02	<1	.2	33.0	<10	3	30
410829	1.06	.1	.02	2.09	8.4	.8	<.05	.6	1.69	7.8	.02	2	.1	6.2	<10	2	30
410830	.95	.1	.04	1.76	12.1	.5	<.05	.8	2.99	9.6	<.02	2	.2	9.6	<10	<2	30
410831	.59	.1	.03	1.32	4.8	.2	<.05	.9	2.92	10.4	<.02	1	.6	8.6	<10	5	30
410832	.77	<.1	.07	1.25	12.1	.3	<.05	1.4	2.85	10.0	<.02	<1	.2	12.0	<10	<2	30
410833	1.32	.1	.08	1.90	8.8	.4	<.05	2.3	2.90	10.3	<.02	<1	.6	12.8	<10	<2	30
410834	1.41	.1	.07	1.83	8.8	.4	<.05	1.5	3.09	8.9	<.02	<1	.3	43.2	<10	<2	30
RE 410834	1.45	<.1	.06	1.93	9.0	.5	<.05	1.5	3.07	8.8	<.02	<1	.2	44.1	<10	5	15
410835	1.38	<.1	.06	1.88	8.0	.4	<.05	1.2	3.16	10.5	<.02	1	.6	14.4	<10	<2	30
410836	2.62	.1	.07	1.69	11.4	.3	<.05	1.8	2.66	9.9	.02	1	.4	14.0	<10	<2	30
410837	2.58	.1	.05	2.19	7.3	.4	<.05	1.5	2.76	10.4	.02	1	.5	12.7	<10	<2	30
410838	1.72	<.1	.05	3.23	7.8	.7	<.05	2.1	2.84	14.3	<.02	1	.5	10.4	<10	<2	30
410839	.81	.1	.09	2.44	4.9	.4	<.05	2.5	3.14	9.7	<.02	1	.9	9.1	<10	<2	30
410840	1.45	.1	.09	2.34	6.2	.5	<.05	2.3	2.90	10.8	.04	<1	.8	14.1	<10	4	30
410841	2.01	.1	.05	1.70	8.9	.5	<.05	1.4	2.95	9.2	.02	1	.3	11.3	<10	<2	30
410842	2.06	<.1	.04	2.32	9.8	.5	<.05	1.2	1.91	7.3	<.02	<1	.2	5.8	<10	2	30
410843	1.77	<.1	.07	2.08	5.4	.3	<.05	1.4	3.27	10.6	.02	<1	.3	9.2	<10	<2	30
410844	1.66	<.1	.05	1.92	11.8	.4	<.05	1.2	2.85	10.9	.02	<1	.4	17.2	<10	2	30
410845	3.30	.1	.05	2.12	10.1	.3	<.05	1.3	2.93	10.8	<.02	<1	.5	16.1	<10	<2	30
410846	1.52	<.1	.06	1.62	7.3	.3	<.05	1.6	1.93	7.5	.03	2	.6	12.4	<10	<2	30
410847	2.79	.1	.02	1.45	17.2	.4	<.05	.8	6.51	14.0	.02	<1	.5	26.3	<10	<2	15
410848	.83	.1	.02	1.30	6.1	.2	<.05	.5	2.67	10.3	.02	<1	.3	11.2	<10	<2	30
410849	.81	<.1	.02	1.42	6.5	.3	<.05	.8	1.64	6.5	<.02	<1	.3	9.0	<10	2	30
410850	.68	.1	.04	2.38	5.8	.5	<.05	1.1	1.84	8.0	<.02	<1	.4	9.4	<10	<2	30
411522	1.67	.1	.02	1.78	18.6	.7	<.05	.9	2.60	10.9	<.02	2	.5	17.3	<10	<2	30
411523	.98	<.1	.03	1.48	13.2	.4	<.05	.8	2.97	11.6	<.02	<1	.4	12.3	<10	<2	30
411524	.69	<.1	.02	1.35	9.3	.5	<.05	.6	1.99	8.8	<.02	<1	.1	6.1	<10	<2	30
411525	.80	<.1	.05	2.01	7.9	.3	<.05	1.1	3.72	14.3	.02	<1	.4	10.7	<10	3	30
411526	1.35	<.1	.12	2.67	14.4	.4	<.05	2.5	3.49	13.6	<.02	<1	.7	15.8	<10	7	15
411527	.51	<.1	.04	1.62	4.0	.3	<.05	1.4	2.16	9.1	<.02	<1	.3	6.6	<10	<2	30
411528	.86	<.1	.07	.94	8.8	.3	<.05	1.7	3.07	11.8	<.02	<1	.6	11.1	<10	<2	30
411529	1.40	.1	.05	1.36	15.0	.4	<.05	1.1	2.71	9.8	.02	<1	.4	19.2	<10	<2	30
411530	.49	<.1	.02	.98	4.1	.2	<.05	.6	2.79	10.2	<.02	<1	.2	6.3	<10	<2	30
411531	1.10	.1	.06	2.04	12.1	.4	<.05	1.3	2.96	10.7	.02	<1	.4	15.0	<10	<2	15
411532	2.41	<.1	.12	2.92	11.8	.5	<.05	2.4	3.83	13.1	.03	<1	.6	22.9	<10	<2	30
STANDARD DS7	6.31	.1	.17	.69	35.6	5.4	<.05	5.6	5.36	38.6	1.57	3	1.8	29.3	11	37	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

Data ___ FA ___ DATE RECEIVED: SEP 14 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	3.64	.1	.09	.30	47.9	.6	<.05	1.2	3.74	14.6	.02	<1	.3	35.5	<10	2	30.0
411533	2.50	<.1	.06	2.14	9.8	.4	<.05	1.2	3.27	9.0	<.02	<1	.2	13.0	<10	<2	30.0
411534	3.73	.1	.08	1.47	5.4	.3	<.05	1.7	6.14	11.7	<.02	<1	.5	16.6	<10	2	30.0
411535	2.43	.1	.08	1.35	9.3	.4	<.05	2.1	3.49	10.5	<.02	<1	.6	13.6	<10	<2	30.0
411536	1.26	.1	.04	1.26	7.3	.3	<.05	1.1	2.71	8.7	.02	<1	.5	11.9	11	4	30.0
411537	1.04	.1	.05	1.32	11.5	.3	<.05	1.5	3.02	10.5	.02	<1	.3	10.8	<10	2	30.0
411538	.79	.1	.05	1.21	8.7	.2	<.05	1.1	3.50	10.1	<.02	<1	.4	12.7	<10	<2	30.0
411539	.70	<.1	.03	1.48	11.0	.4	<.05	.8	1.96	8.1	<.02	<1	.3	9.3	<10	<2	30.0
411540	.87	.1	.02	.81	7.5	.1	<.05	.4	4.64	14.3	<.02	2	.4	9.8	<10	<2	30.0
RE 411540	.95	.1	.02	.79	8.2	.2	<.05	.4	5.01	14.6	.02	2	.3	8.8	<10	<2	30.0
411541	.58	<.1	.03	1.34	5.8	.4	<.05	.8	4.19	12.6	.02	<1	.5	8.4	<10	<2	30.0
411542	.83	<.1	.03	2.03	19.9	.5	<.05	.8	2.06	9.1	<.02	<1	.2	3.8	<10	<2	30.0
411543	.51	.1	.06	1.37	7.2	.2	<.05	1.2	2.68	9.4	<.02	<1	.1	8.0	18	<2	30.0
411544	.78	.1	.06	1.41	8.9	.3	<.05	1.4	2.09	8.1	<.02	1	.2	5.4	<10	<2	30.0
411545	.63	.1	.05	1.15	5.8	.3	<.05	1.2	4.27	10.9	<.02	<1	.4	8.1	<10	5	30.0
411546	2.12	.1	.12	1.28	16.6	.8	<.05	2.2	6.35	19.0	.03	<1	.8	20.4	<10	<2	30.0
411547	.77	<.1	.07	1.60	5.2	.3	<.05	1.9	3.28	12.1	.02	<1	.6	6.9	<10	<2	30.0
411548	1.72	<.1	.07	1.19	14.9	.5	<.05	1.9	3.24	10.8	.03	<1	.4	13.5	<10	<2	30.0
411549	.69	<.1	.07	1.31	7.4	.3	<.05	2.2	3.37	13.1	.03	<1	.5	8.7	<10	<2	30.0
411550	.79	.1	.06	1.94	5.2	.4	<.05	1.5	3.05	9.8	<.02	<1	.1	4.6	<10	<2	30.0
411556	.52	.1	.05	1.10	9.1	.3	<.05	1.4	4.58	17.0	.02	<1	.5	10.0	<10	3	30.0
411557	.83	.1	.04	.96	12.3	.4	<.05	1.0	3.95	13.8	<.02	<1	.3	11.6	12	<2	30.0
411558	.76	.1	.04	1.28	7.5	.3	<.05	.8	3.69	12.1	.02	3	.4	12.5	<10	<2	30.0
411559	11.56	<.1	<.02	.32	26.8	5.0	<.05	.3	4.96	8.9	.04	5	.4	10.2	<10	<2	7.5
411560	1.73	.1	.02	.13	18.3	23.1	<.05	.6	5.16	13.1	.03	<1	.4	10.7	<10	3	30.0
411561	2.15	.1	<.02	.14	18.4	11.8	<.05	.5	5.08	13.6	.04	<1	.6	10.8	<10	<2	30.0
411562	2.35	.1	<.02	.38	31.5	5.4	<.05	.6	5.86	14.4	.04	8	.5	20.1	<10	<2	30.0
411563	2.76	<.1	<.02	.27	26.6	7.1	<.05	.4	4.51	10.6	<.02	6	.2	14.4	<10	<2	15.0
411564	2.59	<.1	<.02	.32	25.8	.4	<.05	.6	3.11	11.3	.06	<1	.6	17.6	<10	3	30.0
411565	5.09	.2	<.02	.50	38.4	.6	<.05	.4	17.82	20.4	.04	5	.3	13.7	<10	<2	7.5
411566	3.67	.1	<.02	.85	48.5	.5	<.05	.5	3.65	9.4	.03	<1	.5	14.8	<10	<2	30.0
411567	4.37	.1	<.02	.53	56.3	.4	<.05	.4	6.62	19.1	.03	<1	.5	15.7	<10	<2	30.0
411568	2.56	<.1	<.02	.78	30.1	.4	<.05	.8	1.92	5.6	<.02	<1	.1	4.3	<10	3	30.0
411569	4.32	.1	<.02	.90	49.5	.4	<.05	.4	16.36	15.0	<.02	3	.4	19.3	12	<2	15.0
411878	1.33	.1	.16	.15	2.4	43.7	<.05	4.4	5.70	5.7	<.02	<1	.2	15.3	<10	2	15.0
STANDARD DS7	6.28	<.1	.14	.85	36.4	5.3	<.05	5.5	5.57	39.1	1.60	<1	1.9	29.9	65	40	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	3.49	.1	.08	.36	48.1	.5	<.05	1.3	3.66	13.4	.02	<1	.2	34.2	<10	<2	30.0
411880	3.31	.1	<.02	.32	20.3	>100	<.05	.3	6.10	14.5	<.02	<1	.6	15.2	<10	2	30.0
411881	4.03	.1	<.02	.30	26.1	>100	<.05	.3	4.97	11.4	.03	<1	.5	15.0	<10	4	30.0
411882	3.76	.1	<.02	.23	17.6	64.3	<.05	.5	7.86	15.5	.02	<1	.5	13.8	<10	<2	30.0
RE 411882	3.87	.1	<.02	.22	18.3	59.7	<.05	.4	7.53	15.0	.02	<1	.5	13.9	<10	2	15.0
411883	1.69	<.1	<.02	.25	16.6	80.0	<.05	.2	3.69	9.7	<.02	<1	.8	13.0	<10	<2	30.0
411884	.93	<.1	.04	.91	3.3	2.3	<.05	1.9	3.44	5.3	<.02	13	.1	10.8	<10	4	15.0
411886	1.77	.1	.02	.14	6.3	.5	<.05	.6	3.03	5.5	<.02	<1	.1	8.5	<10	8	15.0
411893	2.42	.1	.08	.07	2.6	1.3	<.05	3.2	8.84	10.1	.04	<1	.5	17.9	<10	4	15.0
411894	1.83	.1	.31	.18	1.9	.6	<.05	11.8	10.97	6.6	.03	<1	.2	15.4	<10	4	7.5
411895	1.39	<.1	.13	.17	2.7	.4	<.05	4.7	9.03	9.9	.04	<1	.3	21.7	<10	2	7.5
411896	2.43	.1	<.02	.27	6.2	.3	<.05	.5	4.95	4.6	<.02	1	.3	13.5	<10	2	15.0
411897	13.46	<.1	<.02	1.20	22.0	.5	<.05	.8	5.41	34.6	<.02	1	.8	44.1	<10	<2	30.0
411898	16.00	<.1	<.02	.87	22.4	.3	<.05	.3	8.50	28.2	.02	14	1.3	47.5	<10	<2	30.0
411899	3.70	.1	.02	.69	16.0	.2	<.05	.9	3.45	8.1	<.02	<1	.4	18.4	<10	2	30.0
411900	1.94	<.1	.02	.37	5.2	.3	<.05	1.3	6.90	9.7	.03	1	.4	18.3	<10	<2	15.0
411930	.76	<.1	.12	.72	2.5	.5	<.05	4.4	3.54	4.3	<.02	3	.1	8.4	<10	4	30.0
411932	2.36	<.1	<.02	.24	7.7	.5	<.05	.4	2.45	4.2	<.02	1	.2	10.3	<10	12	30.0
411933	3.53	.1	<.02	.55	12.1	.6	<.05	.4	3.27	8.1	<.02	1	.1	11.6	<10	2	15.0
411934	1.52	<.1	.04	.65	6.7	.2	<.05	1.5	5.35	11.4	.02	<1	.2	15.0	<10	<2	30.0
411943	3.84	<.1	<.02	.10	16.3	.1	<.05	.4	2.30	4.5	<.02	1	.2	15.7	<10	14	15.0
411945	2.01	.1	.06	.74	6.6	.5	<.05	2.1	13.46	14.8	.04	3	.6	29.1	<10	<2	15.0
411947	1.72	<.1	.06	.09	4.3	.4	<.05	1.5	10.56	13.9	.03	7	.4	22.1	<10	2	15.0
411951	1.24	<.1	<.02	.38	2.4	.2	<.05	.5	19.81	22.1	<.02	5	.2	5.2	<10	<2	15.0
STANDARD DS7	6.35	.1	.13	.72	36.0	5.3	<.05	5.5	5.37	38.2	1.58	5	1.6	30.8	59	40	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A607630 Page 1 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	2.93	4.63	3.68	51.6	11	5.7	4.7	619	2.28	.3	2.3	<.2	5.0	114.9	.02	.04	.18	44	.74	.084	12.7	22.7	.63	278.0	.161	2	1.36	.182	.66	6.0	2.9	.43	<.01	<5	<.1	<.02	6.0
411570	1.03	5.66	12.21	47.6	178	21.3	3.3	117	2.14	6.0	1.1	1.5	4.0	11.8	.09	.22	.83	35	.10	.169	26.2	27.7	.29	50.7	.027	<1	1.43	.007	.06	6.2	1.4	.12	.01	33	.4	.03	5.9
411571	.98	8.32	12.91	42.6	256	15.2	3.0	111	1.91	5.5	1.2	6.5	2.6	13.0	.12	.24	1.07	31	.15	.199	28.8	17.8	.26	49.7	.028	<1	1.16	.007	.06	2.9	1.1	.13	.02	28	.5	.02	7.8
411572	1.01	8.85	14.39	48.1	227	11.1	2.8	112	2.20	5.1	1.2	1.5	5.9	10.7	.18	.23	.85	34	.13	.170	27.0	20.4	.24	41.7	.030	<1	1.71	.007	.06	2.7	1.6	.13	.02	44	.4	<.02	7.5
411573	.99	10.63	12.28	58.6	249	29.2	4.7	145	1.86	7.9	1.1	1.9	3.7	10.7	.21	.29	.68	27	.23	.155	28.2	23.9	.37	42.0	.023	1	1.52	.008	.05	5.5	1.3	.13	.01	40	.5	<.02	3.7
411574	.81	5.56	12.72	33.7	389	12.7	2.4	112	1.73	3.4	.9	4.5	1.2	9.0	.16	.18	.82	35	.12	.095	22.3	26.2	.23	32.6	.025	<1	1.41	.007	.04	4.3	.9	.13	.02	46	.1	.05	6.4
411575	1.51	17.23	22.16	68.3	338	26.8	5.9	185	2.53	8.3	2.0	1.9	.5	16.3	.24	.26	.99	50	.17	.073	21.6	33.7	.51	89.9	.037	1	2.28	.009	.10	1.7	1.4	.20	.03	36	.4	.03	8.8
411576	2.80	17.69	12.25	62.8	256	23.8	5.0	187	2.33	5.0	.8	5.8	.3	13.9	.25	.33	.55	61	.20	.066	14.2	47.1	.55	48.7	.033	1	1.68	.008	.04	.8	1.3	.11	.02	65	.8	.04	6.2
411577	.30	3.34	7.54	14.3	136	3.6	.7	31	.52	.7	.8	1.4	1.4	9.7	.07	.07	.64	17	.05	.019	33.4	9.4	.05	44.9	.022	<1	.59	.005	.03	1.8	.5	.08	.01	20	.1	<.02	5.8
411578	.72	5.75	11.08	40.8	77	12.2	2.7	131	1.76	3.6	1.0	1.2	3.5	9.9	.10	.14	.97	36	.13	.145	30.4	22.6	.27	43.1	.048	<1	1.19	.007	.07	2.5	1.5	.12	.01	17	.2	[illegible]	[illegible]
411579	.82	6.14	14.48	46.5	64	25.8	3.9	147	2.31	3.5	1.0	1.3	7.0	9.7	.10	.17	1.60	50	.15	.157	30.0	45.4	.45	49.8	.066	<1	1.58	.009	.09	5.8	2.2	.15	.01	18	.1	.02	8.9
411580	1.70	15.44	16.85	108.3	356	33.2	7.4	224	3.27	6.7	1.1	5.4	5.5	17.4	.29	.41	2.20	59	.24	.195	25.5	48.3	.56	74.1	.073	1	2.03	.011	.11	9.0	3.0	.15	.03	39	.5	.04	6.9
411581	2.25	21.37	40.17	104.7	506	85.2	10.4	266	3.50	17.1	1.4	20.6	1.4	16.9	.24	.30	2.76	70	.22	.088	19.5	70.1	.75	104.0	.042	<1	2.36	.010	.09	7.4	2.5	.21	.02	25	.6	.06	8.5
411582	1.30	17.78	20.07	80.1	218	118.6	11.8	197	3.24	12.0	.9	4.4	5.5	17.4	.17	.39	1.76	51	.18	.111	23.2	134.3	.85	67.7	.082	1	2.18	.010	.12	5.1	3.3	.17	.02	22	.4	.09	6.9
411605	.37	6.71	6.87	66.6	86	7.0	3.8	199	2.15	1.1	1.0	<.2	14.0	40.5	.08	.11	.22	33	.32	.223	47.5	12.6	.38	68.9	.099	<1	1.99	.009	.18	.6	2.4	.18	.01	28	.1	.02	6.5
411618	.35	116.78	21.65	75.6	44	6.3	16.7	1001	4.19	1.2	.6	3.7	.3	147.7	.14	.17	.18	127	.59	.155	9.4	6.6	.93	216.9	.107	1	3.48	.013	.11	<.1	2.7	.10	.04	30	.2	.05	9.1
RE 411618	.31	114.98	20.40	72.6	44	6.2	15.7	965	4.11	1.1	.6	3.8	.3	143.5	.14	.17	.18	126	.57	.155	8.8	6.6	.90	209.7	.098	1	3.41	.013	.11	<.1	2.4	.10	.04	24	.2	.05	8.4
411620	.81	83.67	67.67	67.7	60	11.5	14.6	772	3.99	2.0	.8	9.4	.5	102.2	.22	.32	.37	116	.48	.178	12.9	12.8	.81	330.5	.063	1	2.50	.010	.06	<.1	2.6	.07	.03	41	.3	.15	7.1
411621	.51	60.15	10.44	54.4	49	11.0	11.9	536	3.85	1.9	.6	2.6	.5	79.7	.17	.26	.10	127	.52	.177	13.1	12.2	.64	135.4	.079	1	2.13	.010	.06	<.1	1.9	.07	.05	39	.3	.03	6.1
411767	2.05	103.63	4.95	71.4	45	28.4	20.7	899	6.19	7.3	.9	1.3	2.6	35.4	.20	.16	.06	274	.87	.134	7.9	100.9	1.04	61.7	.085	2	1.59	.015	.09	.1	5.4	.04	.01	20	.4	<.02	6.8
411768	2.00	105.86	5.16	90.2	102	43.7	31.5	1241	8.02	38.0	.5	6.1	1.4	37.2	.23	.69	.19	317	.91	.095	5.8	123.2	1.18	97.7	.078	5	1.88	.017	.05	.1	10.2	.05	.04	60	.5	.04	7.1
411772	.87	173.14	4.59	129.5	499	32.5	21.0	1052	3.36	29.5	1.8	7.6	.7	62.0	.82	.71	.13	113	1.39	.110	13.4	49.6	1.17	113.0	.080	3	2.12	.021	.07	.2	6.3	.07	.08	88	3.7	.04	6.0
411773	4.38	147.76	6.40	70.8	230	7.5	19.2	1021	5.90	4.1	16.0	2.4	5.6	39.0	.28	.60	.10	256	.98	.326	21.9	13.3	.63	184.9	.023	1	1.04	.007	.06	.6	5.0	.03	.04	72	1.1	<.02	5.1
411785	1.36	55.20	2.99	50.7	92	17.0	13.4	508	5.67	22.9	.8	315.3	1.0	52.2	.12	.18	.04	301	1.01	.176	7.9	61.1	.72	78.7	.074	2	1.17	.016	.06	.1	3.5	.02	.01	17	.5	.02	4.5
411795	3.23	181.03	7.21	463.8	337	28.7	15.4	1348	3.28	34.7	.8	9.0	.2	60.7	2.46	.34	.10	93	2.00	.113	5.3	38.4	.88	130.3	.068	7	1.77	.027	.06	<.1	4.0	.07	.10	66	3.6	.02	5.0
411797	1.12	142.61	7.66	80.8	156	29.8	21.3	751	5.44	32.8	.5	59.6	.6	53.7	.38	.70	.10	201	1.42	.077	4.4	65.8	1.29	117.9	.134	7	2.44	.030	.05	.1	7.8	.05	.06	52	2.3	.04	8.0
411798	1.21	102.76	15.70	151.5	263	34.2	25.7	1399	5.30	85.1	.6	1.5	.8	274.6	.58	1.01	.11	153	1.79	.088	5.9	50.2	1.71	205.6	.174	4	3.75	.068	.08	<.1	10.1	.08	.05	27	2.1	.04	9.2
411821	4.34	115.91	6.22	103.9	130	24.4	23.7	1331	5.63	34.6	6.4	5.1	2.5	65.3	.37	.45	.11	227	1.17	.157	11.6	52.6	1.08	188.3	.085	2	2.11	.016	.06	.5	7.2	.03	.03	42	.7	[illegible]	[illegible]
411822	4.37	107.70	7.23	72.7	204	7.9	14.2	821	4.39	4.3	10.2	1.2	3.2	53.9	.27	.20	.06	146	.87	.196	15.9	16.5	.60	252.2	.017	2	1.34	.009	.05	.3	4.9	.03	.04	56	.9	<.02	5.1
411823	3.14	134.92	6.14	65.0	172	25.5	18.5	959	4.57	5.3	11.6	3.9	3.7	43.4	.19	.22	.07	149	.81	.172	13.0	70.6	.86	213.4	.027	1	1.44	.009	.07	.3	6.5	.03	.02	25	.7	.02	5.3
411833	5.56	143.96	6.55	80.5	173	7.3	19.6	3087	5.08	2.4	7.3	1.9	4.8	74.8	.23	.41	.05	117	1.10	.275	21.7	7.6	.88	436.6	.023	3	1.84	.007	.10	.3	8.4	.02	.03	17	.3	.02	6.1
411843	1.56	105.33	2.42	50.9	79	52.3	18.2	417	5.16	5.4	1.0	5.9	1.1	50.6	.14	.19	.08	198	.85	.130	6.0	120.6	1.12	40.1	.090	1	1.37	.017	.05	.6	4.1	.02	.02	11	.6	.03	4.7
411846	5.10	214.20	4.70	69.7	165	34.0	21.7	960	4.98	3.2	6.6	10.2	2.8	70.1	.30	.34	.18	164	.92	.172	13.8	59.8	1.12	99.7	.078	1	1.73	.014	.08	.6	6.5	.07	.04	28	1.0	.03	6.1
411847	2.87	116.30	3.25	51.9	105	26.0	14.6	676	5.29	3.1	2.1	13.7	1.8	39.9	.12	.17	.07	162	.89	.268	14.9	40.4	.69	116.9	.041	1	1.06	.009	.09	.5	4.2	.03	.01	15	.3	<.02	4.1
411848	.51	71.69	1.70	25.2	47	31.2	14.7	332	7.84	2.2	.6	7.3	1.3	30.2	.07	.11	.05	313	.68	.168	7.0	94.9	.64	29.2	.061	<1	.74	.011	.07	.4	2.0	.03	.01	6	.2	<.02	3.7
STANDARD	20.40	105.08	68.23	405.0	850	53.7	9.4	626	2.36	45.6	4.9	70.7	4.6	72.6	6.18	5.95	4.51	85	.94	.076	13.8	180.2	1.04	371.6	.126	36	1.01	.079	.44	3.9	2.7	4.15	.19	197	3.4	1.04	4.7

Standard is STANDARD DS7.

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

BRITISH COLUMBIA CERTIFIED ASSAYER
Jacky Wang

Data FA DATE RECEIVED: OCT 10 2006 DATE REPORT MAILED:................

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	2.72	4.22	3.27	47.9	14	5.8	4.6	587	2.18	.3	2.2	.3	4.8	111.7	.02	.04	.17	42	.72	.080	11.6	21.8	.61	263.2	.153	2	1.34	.163	.61	5.9	2.7	.39	<.01	<5	<.1	<.02	5.7
411875	.89	102.29	9.72	186.1	426	69.2	30.2	1200	5.41	21.9	.2	7.8	.4	60.3	.94	1.07	.10	105	.85	.089	3.2	97.1	2.16	112.5	.126	2	2.79	.015	.05	.2	6.6	.04	.36	13	3.7	.08	6.4
411876	.61	123.48	11.28	134.3	288	56.5	32.5	1173	6.00	10.5	.4	9.6	.6	82.0	.68	.52	.11	142	1.20	.090	3.3	70.1	2.34	95.5	.175	2	3.34	.019	.05	.2	8.4	.04	.73	23	5.1	.08	7.9
411877	.43	103.86	6.96	105.8	257	53.3	25.2	1572	4.55	5.7	1.3	13.8	.4	83.7	.55	.21	.13	152	1.42	.086	3.6	73.7	1.97	106.3	.145	4	3.37	.019	.05	.2	9.1	.05	.05	34	1.4	<.02	8.4
411879	.34	74.80	2.77	66.5	78	47.9	23.1	707	3.62	2.7	.5	17.1	.4	73.3	.21	.11	.04	106	.97	.077	2.0	67.3	1.87	85.2	.166	1	2.66	.025	.14	.1	5.0	.07	.02	14	.9	<.02	6.3
411909	1.36	114.98	19.48	56.1	140	60.4	23.4	585	3.11	.6	1.6	2.4	1.6	140.1	.13	.06	.44	90	.91	.091	3.8	105.8	1.73	133.3	.104	1	1.99	.022	.19	.1	4.6	.11	.05	6	.3	.03	6.2
411931	.62	35.49	1.88	44.6	65	21.5	13.4	784	2.67	3.0	.4	2.4	.4	36.9	.23	.09	.03	92	.98	.055	2.2	37.3	1.01	26.5	.139	2	1.39	.012	.02	.2	3.8	.03	.03	15	1.2	<.02	4.0
411935	1.95	52.78	27.91	28.0	126	63.4	25.4	359	5.48	.3	.2	.9	.2	13.8	.11	.05	.30	123	.42	.027	.7	349.3	1.29	35.9	.084	1	.74	.011	.14	.1	3.1	.11	.04	<5	.1	<.02	2.7
411936	3.30	189.74	4.90	57.8	227	66.3	29.5	573	4.47	4.3	.2	20.5	.3	56.6	.32	.17	.19	118	.60	.085	1.9	165.0	1.54	64.8	.073	1	1.61	.010	.08	.2	4.2	.04	.10	11	.8	.13	4.9
411937	4.46	2.61	4.06	29.4	29	1.4	1.5	204	1.42	.3	15.6	<.2	9.8	108.8	.04	.03	.30	19	.31	.078	43.1	5.7	.15	110.0	.021	1	.56	.007	.04	.9	.6	.06	.01	<5	<.1	.02	[illegible]
411950	.88	139.68	1.96	71.0	67	12.2	19.3	684	3.74	1.5	.6	1.8	.4	117.3	.13	.07	.33	119	.91	.196	3.4	15.1	1.41	220.4	.099	1	2.22	.014	.19	.3	2.7	.05	.03	11	.5	<.02	6.2
RE 411950	.89	137.13	1.95	69.4	61	11.9	18.2	665	3.67	1.5	.6	1.3	.4	110.3	.13	.07	.30	118	.90	.192	3.3	14.5	1.41	215.6	.095	1	2.16	.014	.19	.3	2.7	.05	.03	12	.5	<.02	6.0
411952	1.97	55.60	3.48	56.9	102	7.6	10.3	529	2.10	.4	.7	.9	.2	89.8	.21	.08	.24	66	.58	.119	3.5	13.6	.73	169.5	.060	1	1.44	.014	.09	.8	1.7	.05	.03	24	.6	<.02	4.3
411960	1.15	126.95	4.28	73.6	152	11.6	24.3	1199	4.82	2.2	.9	7.7	1.5	46.3	.17	1.15	2.17	130	.71	.222	10.5	13.0	1.02	156.2	.029	1	1.38	.006	.11	.4	6.3	.05	.13	6	.2	.10	4.4
411961	.63	148.94	2.05	70.6	91	14.5	18.7	663	3.65	.8	.7	3.1	.7	104.4	.10	.06	.21	121	1.05	.203	3.1	18.6	1.61	456.9	.163	1	2.40	.016	.54	.3	2.5	.11	.02	18	.6	<.02	6.6
411962	1.28	284.47	2.57	119.3	158	21.3	31.3	1483	5.61	.6	1.7	9.4	.9	159.3	.16	.05	.26	178	1.46	.135	3.1	24.1	2.76	682.9	.245	<1	4.47	.027	.93	.5	4.1	.21	.02	22	.4	.10	11.4
411963	1.85	78.79	4.19	59.3	97	41.2	18.1	723	3.16	1.5	1.8	35.4	1.6	150.0	.11	.12	.29	72	.85	.090	5.9	84.6	1.53	186.5	.102	1	2.30	.018	.25	.5	2.8	.10	.06	10	.6	.19	5.8
411964	.94	181.24	7.01	75.5	370	120.7	47.7	920	6.17	18.4	.3	361.7	.4	34.2	.41	.41	.35	162	.71	.080	2.2	256.7	2.46	66.9	.108	2	2.21	.010	.08	.2	7.0	.06	.15	17	1.6	.46	6.6
411965	2.29	105.14	14.15	31.6	147	68.4	33.3	447	4.18	1.5	.1	22.7	.1	24.7	.15	.07	.23	79	.40	.020	.5	292.5	1.38	35.1	.068	<1	.88	.010	.16	.1	3.1	.13	.08	8	.4	.05	2.8
411966	.66	62.14	9.86	93.7	85	53.0	26.4	1096	5.83	19.9	.6	4.3	1.0	72.4	.38	.71	.07	172	1.03	.071	3.9	82.5	2.19	70.3	.215	3	3.62	.026	.04	<.1	9.2	.03	.02	8	1.1	.05	9.6
411967	1.13	97.33	4.27	87.6	72	66.0	29.4	1329	4.60	15.1	.4	13.6	.4	124.2	.59	.40	.06	122	1.57	.056	3.1	104.8	2.14	150.2	.143	4	3.56	.014	.05	<.1	9.8	.08	.04	10	1.4	.03	8.7
411968	.99	152.40	3.46	44.6	206	32.7	34.8	668	3.94	2.3	.6	46.4	.9	69.9	.11	.15	.11	105	.64	.082	3.4	58.9	1.43	110.5	.096	1	1.73	.012	.17	.3	4.1	.09	.04	16	.6	.13	4.9
411969	2.87	5.37	8.64	67.0	66	2.6	2.7	656	1.35	.6	43.4	<.2	7.7	230.0	.13	.07	.61	19	.45	.070	52.7	4.5	.29	199.1	.022	1	1.03	.013	.11	.9	1.1	.17	.03	21	.4	.02	4.8
411970	1.75	5.02	10.22	54.2	116	2.0	2.4	432	1.44	.6	45.2	.4	7.4	185.1	.18	.08	1.45	20	.41	.086	77.0	3.1	.25	219.3	.020	<1	1.03	.009	.10	1.3	.9	.14	.02	22	.4	.03	4.5
411971	2.99	148.15	9.40	29.3	166	65.1	33.8	359	4.72	1.0	.3	1.7	.1	16.6	.11	.09	.21	96	.38	.018	.7	281.3	1.24	38.7	.077	<1	.80	.010	.19	.2	3.2	.12	.13	<5	.4	.07	2.6
411972	1.04	42.15	24.07	25.9	142	83.2	36.5	379	5.95	.8	.2	.8	.1	6.6	.19	.05	.29	87	.30	.009	<.5	495.4	1.14	31.5	.055	<1	.58	.007	.15	<.1	1.8	.16	.12	<5	.2	.03	2.1
411973	1.68	84.51	10.37	28.2	167	67.1	32.4	372	5.47	3.0	.1	5.1	.1	18.2	.13	.09	.18	114	.40	.027	.6	333.7	1.16	30.0	.076	1	.84	.008	.12	.2	2.8	.08	.13	<5	.4	.04	2.7
411974	1.07	171.89	6.92	75.8	313	137.3	43.6	890	5.37	17.2	.4	256.0	.3	36.9	.50	.34	.22	143	.77	.077	2.3	228.2	2.86	55.0	.080	2	2.53	.009	.08	.3	8.5	.08	.05	19	1.2	.18	7.4
411975	.39	101.27	5.48	74.5	72	61.5	38.3	1441	5.68	3.8	.3	2.9	.8	255.6	.20	.37	.05	171	1.63	.051	3.1	100.5	2.71	121.1	.203	4	5.33	.015	.08	<.1	17.6	.04	.02	21	.2	<.0[illegible]	[illegible]4
411976	.60	65.02	2.76	44.0	95	28.0	17.9	606	2.99	1.7	.6	14.3	1.0	52.6	.09	.14	.15	73	.61	.089	3.6	77.6	1.33	135.7	.091	1	1.56	.010	.17	.2	3.0	.07	.05	10	.5	.08	[illegible].5
411977	1.57	61.51	9.19	68.2	99	7.3	11.7	735	2.95	.9	45.1	1.9	4.4	116.7	.18	.11	.68	77	.73	.139	17.4	11.0	.95	174.8	.055	1	1.78	.013	.22	3.4	2.9	.15	.03	23	.5	.03	6.1
411978	1.11	178.06	2.84	99.1	153	62.5	45.1	1749	6.47	7.5	.5	9.5	.2	70.2	.29	.26	.20	142	.82	.073	1.5	155.0	3.29	97.3	.086	2	4.52	.025	.12	.5	8.2	.09	.06	29	1.1	.15	9.0
411979	4.78	73.78	4.40	41.4	55	17.8	13.4	432	1.89	.7	4.2	1.2	2.9	28.0	.11	.06	1.14	58	.41	.044	5.3	28.9	.81	105.0	.075	<1	1.38	.016	.19	.5	2.8	.12	.02	7	.5	.06	3.7
411980	3.58	116.31	1.99	38.0	82	213.4	33.9	375	2.93	1.1	.7	.8	.5	91.4	.16	.04	.60	74	1.01	.269	2.7	392.2	2.93	251.5	.110	<1	2.08	.016	.42	1.1	1.7	.11	.03	6	.3	.02	5.0
411981	4.85	16.35	4.01	45.0	56	190.6	28.8	676	2.52	1.7	54.1	<.2	5.2	36.2	.12	.15	.31	20	.34	.079	32.3	117.1	3.98	69.4	.025	2	.76	.007	.09	1.0	2.1	.25	.03	32	1.0	.03	2.9
STANDARD	20.64	111.32	70.15	417.9	885	56.3	10.1	653	2.44	49.7	5.0	117.3	4.6	72.5	6.62	6.13	4.67	84	.96	.079	13.0	180.3	1.08	379.2	.126	39	1.01	.076	.46	3.9	2.7	4.26	.20	204	3.6	1.10	4.9

Standard is STANDARD DS7. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

Geoinformatics Exploration PROJECT REDTON FILE # A607630 Page 3 (a)

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	2.74	4.46	3.36	49.4	7	5.6	4.7	596	2.16	.6	2.2	<.2	5.0	113.2	.02	.04	.18	42	.71	.080	11.8	22.1	.62	274.4	.159	2	1.36	.180	.63	5.8	2.8	.39	<.01	<5	<.1	<.02	5.9
411982	2.06	44.16	6.91	38.2	39	4.6	6.3	391	1.53	.2	1.5	.3	1.4	206.6	.07	.05	.91	36	.74	.119	2.8	5.1	.49	177.8	.031	<1	1.23	.016	.17	.1	1.7	.07	.02	<5	.2	<.02	3.6
411983	1.11	126.76	2.59	63.6	105	90.5	22.2	734	4.74	11.2	2.3	5.1	3.6	64.2	.18	.12	.11	181	1.79	.548	11.4	214.4	2.41	41.7	.115	2	2.21	.011	.23	1.4	4.1	.05	.01	13	.4	.08	7.5
411984	3.03	130.62	2.00	60.4	103	20.4	27.3	572	3.65	.4	.2	.9	.4	70.0	.13	.04	.12	123	.80	.081	1.3	39.4	1.26	174.6	.155	<1	2.05	.018	.43	.3	3.3	.16	.05	<5	1.1	.08	5.6
411985	1.08	104.25	1.90	43.6	56	8.6	9.4	366	1.71	.6	7.4	2.2	1.3	77.2	.05	.03	.55	59	.90	.248	4.0	12.4	.80	200.2	.103	<1	1.38	.019	.33	.4	2.3	.20	.01	<5	.1	.02	4.9
411986	6.51	13.66	3.60	39.0	53	5.1	4.5	1158	.92	.5	7.8	<.2	1.1	35.8	.22	.07	.13	21	.23	.053	10.8	9.1	.20	145.0	.028	<1	.71	.006	.06	.4	.7	.11	.02	13	<.1	<.02	1.9
411987	1.77	11.73	2.62	41.6	61	5.6	3.6	777	1.01	.4	7.6	<.2	2.6	25.1	.27	.05	.58	21	.25	.051	14.8	12.1	.26	103.2	.036	1	.75	.006	.09	34.0	1.0	.11	.02	<5	.1	<.02	2.3
RE 411987	1.69	11.53	2.58	40.6	58	6.1	3.6	736	1.04	.4	7.6	.5	2.5	23.0	.31	.05	.48	22	.25	.055	15.0	12.2	.25	101.9	.036	1	.71	.006	.09	36.0	.9	.11	.02	<5	<.1	<.02	2.3
466513	5.27	259.17	4.14	83.5	464	11.4	21.6	575	7.53	18.8	.3	45.4	.3	31.9	.08	.11	1.22	151	.30	.126	2.1	37.0	2.22	286.6	.154	<1	4.27	.014	.58	.7	2.7	.27	.18	45	2.7	.53	9.2
466515	14.08	105.62	8.46	86.5	163	12.4	19.5	526	6.03	8.9	1.1	20.6	.6	53.1	.17	.26	1.16	176	.40	.079	4.8	33.8	1.06	76.3	.157	<1	2.91	.009	.08	1.5	3.7	.12	.07	35	.5	.37	[illegible]
466516	14.96	102.97	6.68	132.6	264	7.7	17.4	765	4.52	3.0	1.4	5.0	.9	47.4	.17	.10	.48	137	.94	.075	5.4	10.1	1.47	157.7	.138	<1	2.75	.010	.08	.5	3.6	.07	.05	40	.1	.16	10.3
466517	1.76	42.74	6.52	67.1	52	5.3	15.3	453	4.03	4.6	.5	11.2	1.0	31.2	.11	.12	.63	120	.25	.074	3.7	8.2	1.05	134.1	.168	1	2.16	.008	.21	.9	3.1	.12	.02	16	.2	.31	11.6
466518	8.54	78.86	5.74	92.2	190	9.8	22.9	952	7.00	7.7	.4	7.0	1.0	29.1	.07	.07	1.01	218	.39	.141	3.0	17.5	2.20	137.2	.259	<1	3.79	.011	.46	1.9	4.8	.27	.02	17	.2	.37	13.4
466519	1.98	62.94	7.15	100.8	99	12.4	19.9	794	6.03	4.7	.7	2.4	2.3	37.0	.08	.17	.31	175	.50	.169	8.7	19.0	1.86	114.5	.191	2	3.37	.009	.44	1.1	4.9	.23	.01	19	.2	.10	11.7
466520	2.80	57.01	9.98	68.4	54	12.0	11.5	430	4.79	6.4	.7	7.7	.5	31.2	.06	.29	.54	149	.14	.094	5.3	23.7	.86	66.4	.078	<1	2.32	.007	.06	1.0	2.8	.07	.04	56	.1	.19	11.3
466521	2.35	23.48	10.11	36.0	139	5.7	4.9	299	2.79	1.9	.8	8.6	1.1	22.0	.06	.20	.82	86	.08	.062	7.1	16.1	.29	42.1	.089	<1	1.55	.005	.07	.8	2.0	.14	.01	27	.1	.24	11.4
466522	2.38	75.49	7.22	90.1	294	7.8	16.9	706	5.68	6.7	.8	10.2	2.3	36.8	.11	.18	.54	155	.35	.170	5.4	14.9	1.37	71.3	.141	1	3.43	.008	.23	1.1	4.2	.13	.02	31	.1	.18	10.9
466523	2.26	45.84	7.82	71.5	289	9.1	12.9	657	5.23	5.1	.5	4.7	.9	36.0	.12	.21	.44	155	.28	.135	5.5	15.8	1.07	85.2	.134	1	2.51	.009	.15	.9	3.0	.12	.02	22	.2	.12	11.6
466524	3.41	58.09	8.17	77.7	269	7.3	13.1	821	5.13	3.9	.6	6.2	.7	37.4	.10	.16	.64	147	.21	.109	5.0	12.1	1.03	64.2	.127	<1	2.90	.008	.12	.6	3.3	.11	.03	45	<.1	.25	12.9
466525	3.40	75.06	7.42	94.5	198	10.1	19.4	755	5.67	6.3	.6	10.5	1.5	50.5	.15	.21	.56	148	.73	.127	5.5	14.5	1.51	126.6	.139	1	3.01	.009	.21	1.4	4.3	.11	.02	21	.4	.19	11.3
466526	1.81	54.44	7.57	59.2	347	9.7	12.5	382	4.87	7.4	.5	13.3	.7	44.8	.16	.26	.72	155	.30	.115	3.9	20.8	.95	59.0	.127	1	2.14	.008	.12	1.0	3.5	.09	.02	19	.2	.24	10.7
466527	.41	37.44	4.69	103.6	133	21.0	21.3	1615	4.81	15.5	.3	12.4	1.1	82.5	.10	.27	.09	135	.55	.150	8.4	34.8	1.45	64.2	.103	1	2.57	.008	.10	.1	4.4	.18	.02	25	.3	.04	7.3
466528	.61	317.15	7.13	115.4	252	15.9	18.5	3588	3.70	9.3	.4	12.7	.2	137.1	.34	.29	.08	107	.94	.149	6.4	23.7	.98	64.7	.030	1	2.99	.006	.10	.1	2.9	.16	.07	69	.2	.05	6.8
466530	.69	217.64	5.82	108.8	524	16.2	20.2	1863	4.06	84.7	.4	15.0	.2	94.8	.19	.63	.18	98	.71	.236	6.8	18.5	1.33	72.7	.017	<1	3.03	.010	.08	<.1	2.3	.30	.10	58	.4	.03	7.0
466531	.39	34.65	6.77	87.4	39	16.4	16.7	1254	4.51	11.7	.2	34.0	.6	55.8	.13	.26	.23	112	.39	.123	4.4	27.0	1.32	87.4	.067	1	2.45	.007	.08	.3	3.5	.14	.01	21	<.1	.07	6.5
466532	.41	47.33	6.69	89.4	75	20.0	20.2	1250	4.42	14.3	.3	26.0	.5	86.3	.15	.26	.24	119	.59	.164	5.7	31.0	1.42	94.6	.073	1	2.85	.007	.10	.3	4.4	.12	.02	18	.2	.10	7.0
466533	.33	8.00	5.21	122.3	37	18.8	22.2	811	4.67	21.1	.2	1.9	.5	21.0	.08	.21	.09	132	.34	.118	3.2	41.1	1.57	26.4	.150	1	1.99	.008	.05	.2	2.0	.06	.01	15	<.1	.06	8.4
466534	.70	21.61	2.47	79.3	144	17.3	30.5	1380	6.63	26.9	.3	7.2	.5	98.1	.13	.47	.03	164	1.77	.158	4.4	31.0	1.99	26.6	.060	<1	3.74	.006	.21	.2	11.0	.13	.01	15	.3	<.02	8.3
466535	.28	33.45	5.47	111.0	55	19.0	28.2	1205	4.21	17.7	.3	9.1	.3	93.8	.11	.22	.09	136	1.20	.142	3.9	32.0	2.03	34.7	.119	1	3.70	.011	.13	.3	4.0	.11	.04	33	.3	[illegible]	[illegible]
466536	.17	21.68	5.51	133.2	31	20.7	35.5	1295	4.31	15.1	.3	11.0	.3	64.7	.07	.18	.06	147	.71	.118	3.7	34.4	2.71	35.9	.167	1	3.26	.006	.26	.4	3.7	.12	.02	21	.1	[illegible]	9.1
466537	.17	8.00	1.06	126.6	46	41.0	45.3	1587	4.06	63.8	.2	4.4	.2	19.3	.03	.32	.03	142	.69	.130	2.5	93.6	2.39	24.1	.168	1	2.08	.007	.52	.2	8.0	.12	.02	14	<.1	<.02	8.7
466538	.13	119.50	3.90	105.8	72	111.0	47.8	2191	5.98	43.7	.3	4.9	.4	29.5	.08	.60	.06	155	1.01	.216	2.7	305.7	4.75	52.7	.174	1	3.59	.004	.39	.5	8.7	.23	.03	21	<.1	.03	10.2
STANDARD DS7	20.06	105.06	67.41	403.5	839	54.8	9.6	633	2.45	46.6	4.9	65.2	4.5	70.8	6.02	5.77	4.43	82	.93	.076	12.9	172.3	1.05	370.2	.121	37	.98	.077	.43	3.9	2.5	4.16	.20	191	3.3	1.10	4.8

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A607630 Page 1 (b)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	4.82	.1	.14	.40	50.8	.8	<.05	2.0	7.13	26.1	.02	<1	.3	36.3	<10	<2	30.0
411570	1.80	<.1	<.02	1.34	14.4	.9	<.05	.2	4.04	48.5	.03	<1	.2	18.3	<10	<2	30.0
411571	1.62	<.1	<.02	1.62	14.0	1.1	<.05	.2	5.16	53.7	<.02	<1	.4	10.6	<10	<2	30.0
411572	2.11	<.1	<.02	2.08	18.2	1.0	<.05	.2	5.04	51.1	.02	<1	.5	14.4	<10	<2	30.0
411573	1.85	.1	<.02	.95	12.7	.6	<.05	.1	7.05	52.8	<.02	<1	.5	25.3	<10	<2	30.0
411574	1.66	<.1	<.02	.92	12.8	.8	<.05	.2	3.54	42.6	.02	<1	.3	14.8	<10	<2	30.0
411575	3.89	.1	<.02	1.63	17.0	1.2	<.05	.2	4.82	40.8	.02	<1	1.0	28.1	<10	<2	30.0
411576	1.56	<.1	<.02	.70	9.3	.5	<.05	.3	2.87	26.9	.02	<1	.3	18.1	<10	<2	30.0
411577	.81	<.1	<.02	.95	8.9	1.2	<.05	.1	2.32	61.5	<.02	<1	.1	3.7	<10	<2	30.0
411578	2.23	<.1	<.02	1.77	24.0	1.2	<.05	.3	4.27	55.7	.02	<1	.4	15.9	<10	<2	30.0
411579	2.82	<.1	<.02	2.71	24.4	1.4	<.05	.4	4.68	53.9	.02	<1	.4	18.9	<10	<2	30.0
411580	3.45	<.1	<.02	2.01	22.0	1.1	<.05	.5	5.63	49.1	.03	<1	.5	33.6	<10	<2	30.0
411581	3.47	<.1	<.02	1.49	16.4	1.3	<.05	.2	4.63	36.7	.03	<1	.7	49.3	<10	<2	30.0
411582	4.16	<.1	<.02	2.15	25.9	1.1	<.05	.5	4.36	44.2	.02	<1	1.1	33.4	<10	<2	30.0
411605	2.73	<.1	<.02	4.48	28.0	1.8	<.05	.6	11.59	87.1	.02	<1	.7	37.8	<10	<2	30.0
411618	1.11	.1	<.02	.60	12.7	.4	<.05	.3	6.62	21.9	.02	<1	.5	13.4	<10	<2	30.0
RE 411618	1.02	<.1	<.02	.63	12.0	.3	<.05	.4	6.42	21.1	.02	<1	.6	13.3	<10	<2	30.0
411620	.84	.1	.02	.82	6.7	.5	<.05	.5	7.20	29.3	.04	<1	.6	15.3	<10	<2	30.0
411621	.74	<.1	<.02	.74	7.1	.3	<.05	.5	6.70	28.0	.02	<1	.3	11.3	<10	<2	30.0
411767	1.48	<.1	.03	.08	8.0	.4	<.05	1.3	7.88	17.8	.02	<1	.4	16.6	<10	2	7.5
411768	1.95	.1	.02	.09	5.8	.7	<.05	1.1	9.04	14.0	.03	1	.4	17.3	<10	2	15.0
411772	1.40	<.1	<.02	.47	7.4	.2	<.05	.8	13.97	10.9	.02	<1	.5	16.2	<10	2	15.0
411773	3.89	<.1	.04	.24	7.7	.5	<.05	1.6	19.02	46.1	.02	<1	.6	9.9	<10	<2	7.5
411785	.91	<.1	<.02	.20	6.4	.2	<.05	.4	7.18	17.3	<.02	<1	.1	9.6	<10	<2	15.0
411795	2.24	<.1	.02	.50	7.0	.2	<.05	.6	8.75	7.0	.02	14	.2	17.6	<10	<2	15.0
411797	2.58	<.1	.06	.29	4.0	.3	<.05	2.4	8.95	8.9	.03	<1	.2	22.3	<10	<2	15.0
411798	2.68	<.1	.16	.13	4.7	.4	<.05	6.6	11.51	11.7	.04	1	.5	22.9	<10	<2	15.0
411821	2.68	<.1	<.02	.20	7.6	.5	<.05	.6	11.43	23.3	.04	2	.6	19.5	<10	3	15.0
411822	3.12	<.1	.02	.31	13.5	.5	<.05	.8	15.23	27.9	.03	<1	.6	14.7	<10	<2	7.5
411823	3.93	<.1	.03	.16	9.1	.3	<.05	1.3	12.46	24.8	.02	<1	.6	17.2	<10	<2	7.5
411833	3.15	<.1	<.02	.17	12.8	.6	<.05	.6	21.05	45.2	.03	<1	.8	11.5	<10	<2	30.0
411843	1.66	.1	<.02	.19	4.7	.2	<.05	.5	6.07	11.9	<.02	<1	.2	13.0	<10	8	15.0
411846	2.53	<.1	<.02	.30	10.8	.3	<.05	.3	13.21	25.5	.02	<1	.6	16.0	<10	3	15.0
411847	1.64	<.1	<.02	.14	8.4	.1	<.05	.1	12.03	31.5	.02	<1	.4	8.2	<10	<2	15.0
411848	.88	<.1	<.02	.11	4.7	.1	<.05	.4	5.80	15.5	<.02	<1	.2	6.9	<10	<2	15.0
STANDARD DS7	6.19	<.1	.11	.80	34.8	5.3	<.05	5.3	5.48	39.3	1.59	3	1.6	29.0	57	38	30.0

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA ____ **DATE RECEIVED:** OCT 10 2006 **DATE REPORT MAILED:**................

BRITISH COLUMBIA CERTIFIED ASSAYER
Jacky Wang

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	4.60	.1	.14	.46	45.9	.8	<.05	1.9	6.75	23.9	.02	<1	.4	34.3	<10	<2	30.0
411875	1.27	.1	.09	.13	2.9	44.2	<.05	3.3	6.66	7.3	.02	3	.4	18.8	<10	4	15.0
411876	2.06	.1	.13	.22	3.4	>100	<.05	4.1	7.78	7.9	<.02	4	.3	22.0	<10	4	15.0
411877	3.00	<.1	.06	.60	4.8	76.6	<.05	2.5	8.05	7.7	<.02	1	.2	22.5	<10	7	15.0
411879	1.51	.1	.08	.24	7.5	12.0	<.05	2.8	4.23	4.5	<.02	2	.2	14.1	<10	7	30.0
411909	1.62	<.1	.04	.15	13.2	1.5	<.05	1.3	3.62	7.5	<.02	2	.4	14.0	<10	4	15.0
411931	.78	.1	.11	.51	1.8	.6	<.05	3.6	3.70	4.7	<.02	5	.2	7.5	<10	4	30.0
411935	1.78	.1	.02	.03	8.6	.1	<.05	.6	1.82	1.6	<.02	<1	.1	7.1	<10	11	30.0
411936	.91	.1	.04	.10	4.9	.3	<.05	1.1	3.37	4.4	.02	2	.1	10.2	<10	4	.5
411937	1.37	<.1	<.02	1.89	5.7	.2	<.05	.1	3.09	59.0	<.02	<1	.2	11.6	<10	<2	15.0
411950	1.47	<.1	<.02	.38	9.4	.3	<.05	.2	3.85	7.8	<.02	1	.3	10.5	<10	<2	.5
RE 411950	1.38	.1	<.02	.35	9.3	.3	<.05	.2	3.70	7.7	<.02	2	.3	9.9	<10	<2	.5
411952	1.07	<.1	<.02	.33	5.6	.2	<.05	.2	3.24	6.8	<.02	2	.2	8.9	<10	2	15.0
411960	1.72	.1	.02	.06	7.0	.3	<.05	.3	9.30	25.6	.03	1	.2	7.7	<10	<2	7.5
411961	2.01	.1	<.02	.37	23.0	.2	<.05	.1	4.32	7.3	<.02	2	.3	13.6	<10	<2	15.0
411962	3.81	.1	<.02	.42	49.7	.2	<.05	.3	3.93	7.3	<.02	<1	.6	18.4	<10	<2	30.0
411963	1.79	.1	<.02	.28	12.1	.1	<.05	.5	3.04	10.7	<.02	<1	.3	16.7	<10	<2	7.5
411964	1.45	.1	.04	.13	6.2	.2	<.05	1.6	4.54	4.9	.03	2	.2	14.7	<10	8	15.0
411965	1.53	.1	<.02	.03	9.2	.1	<.05	.4	1.58	1.3	<.02	1	.1	6.9	<10	11	15.0
411966	.88	.1	.22	.25	2.7	.4	<.05	8.5	8.54	8.9	.03	1	.5	20.3	<10	<2	15.0
411967	4.15	<.1	.09	.48	4.5	.4	<.05	3.5	9.31	8.0	.03	1	.4	29.8	<10	3	15.0
411968	1.95	.1	.03	.22	9.4	.1	<.05	1.0	3.42	7.1	<.02	<1	.2	10.3	<10	4	7.5
411969	4.07	.1	<.02	1.35	16.9	.3	<.05	.2	5.18	90.2	<.02	<1	.5	24.4	<10	<2	15.0
411970	4.02	<.1	<.02	1.37	15.7	.3	<.05	.2	6.40	116.2	<.02	<1	.5	20.1	<10	<2	30.0
411971	1.35	.1	<.02	.03	9.8	.1	<.05	.4	1.42	1.5	<.02	<1	.1	6.2	<10	12	15.0
411972	1.33	.1	<.02	.02	9.1	<.1	<.05	.4	1.28	1.0	<.02	<1	.1	4.8	<10	21	30.0
411973	1.10	.1	.02	.03	6.8	.1	<.05	.7	1.60	1.4	<.02	1	<.1	6.0	<10	11	30.0
411974	2.94	.1	.03	.13	6.6	.1	<.05	1.2	5.00	4.9	.03	1	.3	20.9	10	6	15.0
411975	3.18	.1	.14	.18	3.5	.4	<.05	6.0	8.74	8.7	.03	<1	.2	19.7	<10	5	30.0
411976	1.74	.1	<.02	.25	8.2	.1	<.05	.5	2.80	6.9	<.02	<1	.1	12.0	<10	2	7.5
411977	3.13	<.1	<.02	1.19	20.5	.3	<.05	.3	6.37	25.0	.02	1	.7	35.0	<10	<2	.5
411978	6.11	.1	.02	.17	6.8	.2	<.05	.6	4.90	3.6	.03	<1	.2	21.7	<10	4	30.0
411979	4.34	<.1	.02	1.00	11.7	.2	<.05	.8	3.99	10.2	<.02	<1	.2	19.0	<10	<2	30.0
411980	6.14	.1	<.02	.13	27.0	.1	<.05	.3	3.16	6.3	<.02	<1	.3	18.0	<10	2	30.0
411981	5.76	.1	<.02	.88	12.7	.3	<.05	.3	5.66	51.3	<.02	1	.4	22.2	<10	5	15.0
STANDARD DS7	6.31	.1	.12	.73	35.7	5.4	<.05	5.5	5.33	38.7	1.61	6	1.5	28.8	56	40	30.0

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	4.76	.1	.10	.40	48.7	.8	<.05	2.0	6.97	24.9	.03	<1	.2	35.5	<10	2	30.0
411982	1.37	<.1	<.02	.20	11.8	.2	<.05	.3	3.01	5.6	<.02	1	.4	16.5	<10	<2	30.0
411983	4.55	.1	<.02	.19	20.5	.2	<.05	.7	8.48	22.5	.02	<1	1.0	28.5	10	2	30.0
411984	5.38	<.1	<.02	.10	18.2	.2	<.05	.3	1.96	2.3	<.02	1	.3	23.2	<10	3	15.0
411985	4.50	<.1	<.02	.52	30.4	.2	<.05	.3	4.22	8.5	<.02	<1	.2	34.3	<10	3	30.0
411986	1.19	<.1	<.02	.85	5.7	.2	<.05	.2	3.08	20.8	<.02	<1	.3	12.8	<10	<2	.5
411987	1.33	<.1	<.02	1.21	7.8	.2	<.05	.2	3.32	29.8	<.02	<1	.2	15.6	<10	<2	.5
RE 411987	1.29	<.1	<.02	1.23	8.1	.3	<.05	.2	3.47	29.3	<.02	1	.3	16.3	<10	<2	.5
466513	6.58	<.1	<.02	.79	37.8	.3	<.05	.5	1.82	4.6	.02	<1	.3	17.0	<10	5	30.0
466515	3.72	<.1	<.02	1.54	14.6	.5	<.05	.4	5.06	10.4	.03	<1	.6	19.3	<10	2	30.0
466516	2.15	<.1	<.02	1.13	18.2	.4	<.05	.4	6.03	6.7	<.02	<1	.4	20.2	<10	<2	15.0
466517	1.72	<.1	<.02	1.08	28.6	.5	<.05	.3	2.93	8.8	<.02	2	.3	8.7	<10	3	30.0
466518	4.32	.1	.02	.79	35.1	.4	<.05	.5	2.63	6.8	.02	<1	.5	20.7	<10	2	30.0
466519	3.21	.1	.02	1.11	35.1	.4	<.05	.7	5.39	19.1	.02	<1	.2	19.0	<10	<2	30.0
466520	.63	<.1	<.02	1.66	8.5	.5	<.05	.6	2.14	12.1	.02	1	.3	8.8	<10	<2	30.0
466521	1.08	<.1	.03	1.98	22.4	1.1	<.05	1.3	1.80	15.5	<.02	<1	.2	3.8	<10	<2	30.0
466522	2.25	<.1	<.02	1.38	24.2	.5	<.05	.6	3.56	12.0	.03	2	.7	19.2	<10	2	30.0
466523	1.72	<.1	.02	1.04	20.1	.5	<.05	.5	2.92	12.2	.02	<1	.3	9.7	<10	<2	30.0
466524	1.45	<.1	<.02	1.44	16.8	.9	<.05	.4	2.75	10.4	.03	<1	.5	11.7	<10	<2	30.0
466525	2.09	<.1	<.02	1.17	22.4	.5	<.05	.5	3.62	11.8	.03	<1	.7	19.9	<10	<2	30.0
466526	1.54	.1	<.02	1.11	18.2	.5	<.05	.5	2.78	8.3	.03	<1	.3	6.6	<10	<2	15.0
466527	2.32	<.1	<.02	.40	12.1	.3	<.05	.8	4.29	18.3	.02	<1	.3	18.5	<10	2	30.0
466528	3.93	<.1	<.02	.11	13.4	.2	<.05	<.1	3.88	15.0	.03	<1	.8	14.6	<10	4	30.0
466530	1.80	<.1	<.02	.22	13.1	.2	<.05	.3	5.77	12.9	.03	<1	.8	17.2	<10	<2	30.0
466531	1.93	<.1	<.02	.31	20.5	.3	<.05	.3	2.68	10.4	.03	<1	.5	17.5	<10	<2	30.0
466532	2.77	<.1	<.02	.34	17.6	.2	<.05	.3	3.49	13.7	.03	<1	.5	18.0	<10	<2	30.0
466533	1.55	<.1	.02	.46	10.5	.3	<.05	.9	1.97	7.2	<.02	<1	.3	24.6	<10	<2	30.0
466534	3.79	.1	<.02	.03	11.4	.2	<.05	.5	5.68	16.1	.02	<1	.7	13.7	<10	3	30.0
466535	2.92	.1	<.02	.27	12.3	.2	<.05	.4	3.63	9.4	<.02	<1	.5	25.7	<10	3	30.0
466536	3.13	.1	<.02	.23	21.1	.2	<.05	.3	4.57	9.1	<.02	<1	.3	45.1	<10	3	30.0
466537	3.90	.2	<.02	.24	24.2	.2	<.05	.5	4.59	5.5	.02	<1	.5	34.3	<10	5	30.0
466538	6.14	.2	<.02	.18	37.3	.2	<.05	.2	3.65	6.3	.02	<1	.8	34.8	17	6	30.0
STANDARD DS7	6.13	<.1	.11	.70	35.3	5.2	<.05	5.2	5.31	38.2	1.57	6	1.4	28.6	77	33	30.0

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606242 Page 1 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gerry Bidwell

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.46	2.01	2.45	40.3	9	5.9	4.4	528	1.82	.1	2.4	<.2	3.9	60.0	.01	<.02	.07	39	.56	.087	6.7	49.0	.61	211.8	.129	<1	.93	.064	.48	<.1	2.1	.35	.03	<5	<.1	<.02	4.9
411751	3.73	109.75	3.74	36.9	239	2.9	4.7	404	2.09	3.1	29.2	6.4	.4	76.8	.28	.07	.04	81	1.01	.144	21.1	8.6	.31	177.2	.024	2	1.34	.011	.04	.6	1.2	.03	.10	49	2.2	.03	3.5
411752	5.45	139.81	6.78	59.1	189	4.1	10.3	1076	3.53	1.7	5.6	8.4	1.4	71.0	.38	.17	.22	103	.76	.166	12.0	8.0	.50	342.6	.015	1	1.45	.009	.07	.4	3.5	.04	.05	25	1.3	.05	4.6
411753	7.46	115.43	2.41	27.4	82	2.2	5.0	641	1.90	1.5	10.1	2.2	.7	52.8	.18	.09	.03	69	.69	.121	12.0	3.3	.29	157.4	.026	1	.96	.009	.03	.4	1.7	.04	.13	17	.5	<.02	3.4
411754	9.59	514.23	18.72	114.3	305	6.2	33.3	1798	5.98	71.5	20.0	33.6	3.2	133.3	.72	.80	.15	108	1.03	.245	18.4	4.4	.72	337.5	.037	1	2.40	.020	.09	.5	6.7	.21	.07	116	1.3	.09	8.1
411755	4.20	259.42	8.34	70.4	145	5.4	15.8	741	4.22	16.9	6.7	6.3	2.9	94.4	.47	.28	.17	123	.84	.192	16.3	11.8	.60	215.0	.061	1	1.72	.014	.07	1.0	3.6	.05	.04	35	.5	.06	6.4
411756	4.41	521.61	17.57	104.0	264	6.9	23.3	1037	5.32	35.7	5.9	13.3	3.6	137.6	.74	.41	.28	169	.99	.279	16.4	6.8	.59	170.2	.075	1	1.73	.012	.08	.7	4.4	.10	.10	30	.7	.16	6.4
411758	5.36	149.19	3.67	28.3	167	2.1	8.6	590	2.82	13.4	15.6	5.5	.8	52.9	.27	.11	.06	98	.88	.153	16.6	3.9	.39	98.9	.028	1	1.30	.013	.03	.3	2.5	.03	.07	45	.3	<.02	4.8
411759	3.46	68.65	2.82	32.7	55	2.0	7.7	782	4.07	5.8	6.2	4.4	1.2	33.6	.14	.31	.03	193	.98	.260	14.5	3.6	.32	72.4	.047	2	.88	.009	.04	.5	2.4	<.02	.04	10	.2	<.02	4.2
411760	1.62	167.88	3.70	45.5	252	2.6	8.0	431	3.11	5.2	10.0	4.1	.8	44.7	.29	.27	.05	122	1.06	.172	14.5	3.5	.38	128.2	.043	2	1.37	.011	.06	.4	3.0	.02	.05	38	.3	.04	4.4
411761	1.10	253.04	5.11	64.1	382	4.3	9.3	473	3.06	6.4	11.9	3.0	1.4	56.9	.16	.40	.09	72	1.01	.151	31.9	4.1	.50	176.6	.028	1	2.27	.011	.08	.8	4.8	.03	.08	59	.3	.02	6.1
411762	7.92	107.59	3.63	34.0	121	3.9	8.1	602	3.49	32.5	27.4	2.8	1.3	49.0	.12	.30	.05	156	.97	.220	15.7	5.1	.37	68.3	.037	1	.95	.009	.04	1.0	2.7	<.02	.04	30	.5	<.02	4.6
411763	3.99	156.24	9.35	61.5	73	5.3	13.6	862	5.02	5.2	4.1	5.1	3.0	41.0	.31	.22	.05	215	1.09	.316	18.5	10.6	.69	197.6	.078	2	1.41	.010	.07	.7	4.0	.02	.02	8	.1	<.02	6.2
411764	3.59	165.84	7.38	60.6	69	4.7	13.8	894	4.96	5.4	3.6	11.6	2.7	38.4	.30	.12	.05	209	1.05	.321	19.0	6.8	.70	170.2	.084	1	1.36	.010	.06	1.2	3.7	.02	.02	10	.2	.02	5.9
411765	6.02	127.16	8.44	89.0	72	6.5	17.9	2145	5.85	11.4	8.3	2.6	3.4	49.7	.54	.33	.07	255	1.08	.301	18.0	8.9	.78	80.2	.101	2	1.64	.011	.06	3.2	3.8	.03	.04	12	.3	<.02	7.6
411766	2.90	108.80	5.68	65.0	92	14.5	16.3	1248	6.02	4.8	2.3	2.7	3.1	38.4	.27	.24	.06	286	.93	.171	11.7	48.8	.80	72.4	.090	2	1.47	.010	.06	.3	4.6	.02	.03	13	.2	<.02	7.3
RE 411766	3.03	111.26	5.74	65.2	89	14.9	16.8	1289	6.36	4.9	2.4	4.1	3.1	38.8	.24	.25	.05	303	.97	.173	11.6	53.4	.82	72.1	.095	3	1.52	.011	.07	.2	4.7	.02	.03	16	.3	<.02	7.3
411769	11.63	173.36	11.51	84.5	135	6.2	18.6	1656	5.79	18.8	26.2	5.3	3.6	53.6	.26	.46	.21	200	1.01	.258	19.5	7.9	.82	219.1	.039	3	1.97	.010	.07	1.6	5.8	.04	.04	36	.8	.03	8.1
411770	.92	141.73	7.20	169.0	198	49.2	23.5	889	5.03	54.8	.8	7.9	.7	61.0	.65	.53	.34	192	1.38	.090	4.7	137.7	1.31	73.8	.114	4	2.17	.016	.07	.3	7.7	.03	.06	71	1.3	.06	7.0
411771	3.12	100.52	8.37	109.0	204	28.7	29.2	934	5.90	64.8	1.7	13.5	1.7	69.6	.36	1.26	.16	230	1.22	.104	7.1	52.2	1.23	140.9	.064	2	2.12	.021	.06	.6	9.2	.04	.22	89	.9	.10	7.1
411774	4.33	159.69	8.56	67.8	306	7.6	20.1	1072	5.24	34.0	4.1	20.5	2.2	61.8	.38	.74	.09	196	.91	.216	12.0	8.6	.98	237.2	.056	2	1.83	.014	.09	.7	5.7	.05	.04	104	.9	.04	6.5
411775	5.92	217.51	10.39	116.0	380	4.9	15.5	963	4.25	38.0	25.3	33.6	.9	106.2	.49	.46	.19	146	1.26	.209	16.1	4.8	.82	278.9	.037	3	2.06	.012	.08	1.0	5.0	.04	.08	47	1.9	.02	7.4
411776	12.02	333.77	33.91	70.4	1119	4.0	12.4	2196	3.26	25.4	23.0	13.5	.3	153.9	2.40	.34	.19	98	1.60	.232	22.9	6.0	.52	408.0	.024	3	2.49	.014	.05	1.0	3.5	.08	.15	79	2.5	<.02	6.8
411777	16.68	235.32	11.73	70.4	267	5.1	12.0	733	3.51	6.6	10.9	48.2	.6	63.5	.42	.13	.11	121	1.03	.260	15.5	6.8	.68	204.7	.035	1	1.82	.013	.07	1.4	3.5	.04	.06	37	1.7	.06	6.7
411778	9.66	153.67	10.38	76.6	153	7.2	19.1	1204	4.47	5.7	5.4	6.1	.4	91.3	.37	.21	.12	171	.94	.217	9.4	7.9	.93	200.0	.061	2	2.32	.019	.09	.6	3.5	.06	.07	51	1.6	.02	7.4
411779	5.79	250.66	11.31	71.5	229	8.1	18.1	1063	4.91	3.3	8.3	6.1	1.1	130.2	.34	.26	.07	159	1.43	.177	13.5	9.5	1.08	280.3	.029	3	2.38	.016	.09	.6	7.2	.05	.10	54	1.5	.06	7.2
411780	2.02	129.16	6.89	59.9	114	7.7	17.0	843	4.87	3.4	5.0	5.6	1.7	81.8	.26	.70	.05	173	.94	.211	11.1	10.1	.93	254.3	.037	2	1.80	.013	.06	.4	6.7	.03	.04	35	.6	<.02	5.8
411781	2.34	132.22	3.67	54.7	77	10.8	16.8	804	5.62	1.4	2.6	5.0	2.3	73.8	.18	.08	.03	246	1.07	.305	13.4	25.4	.97	117.0	.060	1	1.67	.015	.09	.2	4.7	.02	.03	18	.5	<.02	5.9
411782	2.23	130.75	3.90	54.6	89	10.4	16.2	830	5.33	1.3	2.7	12.4	2.3	77.0	.13	.10	.03	223	1.06	.292	12.9	22.5	.97	108.6	.073	1	1.77	.016	.09	.2	4.7	.02	.03	17	.7	.03	5.6
411783	4.13	115.85	4.23	53.6	116	7.1	17.7	849	4.62	1.3	2.8	5.7	1.0	88.5	.12	.13	.05	157	1.02	.224	10.6	8.1	.96	167.3	.046	1	1.86	.016	.07	.4	5.2	.03	.05	31	.6	<.02	6.0
411784	3.55	84.15	2.17	21.8	201	5.6	7.2	546	1.95	4.6	4.8	4.7	.3	56.6	.18	.14	.03	78	.94	.149	9.8	18.7	.38	100.9	.023	1	1.04	.011	.03	.3	2.0	.02	.06	25	1.0	<.02	3.3
411787	2.78	173.96	6.59	68.4	130	15.7	20.0	930	5.44	2.8	3.3	12.4	1.3	138.6	.20	.16	.08	219	1.34	.347	13.5	32.1	1.26	161.0	.084	1	2.16	.023	.17	.3	4.7	.08	.06	21	1.2	<.02	7.6
411788	4.47	133.11	5.67	75.1	79	10.8	21.8	1057	4.92	3.1	3.9	14.8	1.2	102.5	.18	.10	.09	203	.84	.222	9.5	16.7	1.21	126.7	.081	<1	2.31	.016	.17	.9	4.3	.05	.06	25	1.2	.02	7.9
411789	2.41	316.15	4.32	65.8	114	45.2	25.0	970	5.99	2.7	1.0	11.3	1.6	157.5	.12	.13	.09	195	1.33	.332	11.7	88.6	1.87	252.8	.138	<1	2.32	.021	.35	.2	4.8	.08	.03	15	.6	.04	8.0
411790	2.92	94.02	3.61	40.8	62	29.7	19.1	821	3.32	1.1	.7	2.4	.5	41.6	.09	.10	.19	108	.62	.142	4.9	58.2	1.10	118.0	.074	<1	1.42	.017	.12	.4	3.2	.07	.01	7	.5	.02	4.6
STANDARD DS7	20.96	106.72	70.41	419.8	878	55.4	10.0	638	2.43	50.5	5.1	69.5	4.6	73.3	6.60	5.91	4.78	86	.95	.081	13.3	176.4	1.07	384.9	.126	41	1.01	.085	.45	3.9	2.6	4.30	.21	205	3.5	1.02	4.9

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____ DATE RECEIVED: SEP 6 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER — Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.51	.99	2.49	39.0	9	5.8	4.4	502	1.94	.2	2.5	<.2	3.8	58.5	<.01	<.02	.05	39	.60	.084	7.1	53.4	.60	202.8	.120	1	.93	.060	.43	<.1	1.9	.35	.01	<5	<.1	<.02	5.3
411791	4.21	208.53	12.73	101.1	305	11.8	26.6	2094	5.27	2.4	1.9	7.9	1.8	87.4	.35	.33	4.10	122	.80	.173	9.1	14.1	1.56	264.6	.078	2	2.22	.018	.21	1.5	6.0	.13	.06	24	.7	.15	7.8
411792	1.40	69.95	16.24	42.3	206	12.8	11.5	549	3.31	1.0	2.1	2.2	.7	66.3	.13	.07	1.21	103	.83	.125	5.8	28.0	.81	155.0	.078	1	1.33	.018	.12	.3	2.7	.07	.05	17	1.2	.02	4.5
411793	.51	110.61	4.03	171.3	197	105.4	29.4	1030	3.44	16.0	.3	85.8	.4	47.0	.53	.40	.13	93	1.06	.090	2.3	124.1	2.00	59.6	.100	2	1.84	.028	.04	.1	5.0	.07	.05	11	.5	.05	5.6
411794	2.02	79.19	5.69	121.4	134	32.6	21.4	772	3.82	25.3	.8	4.1	.5	47.6	.39	.26	.21	129	1.27	.071	2.9	63.9	1.23	58.7	.147	4	1.84	.047	.07	.2	4.3	.04	.05	21	1.8	.10	6.7
411796	1.05	144.06	7.40	67.3	229	29.0	20.1	718	5.20	33.5	.4	256.7	.5	47.2	.32	.61	.08	182	1.36	.075	3.5	61.8	1.26	112.5	.115	6	2.47	.032	.05	.2	6.7	.05	.06	34	1.7	.04	8.5
411799	1.76	72.36	1.84	28.5	72	65.6	16.9	483	2.62	28.4	.6	20.0	.2	41.5	.06	.20	.06	98	.91	.088	2.0	104.9	1.28	45.7	.086	1	1.44	.024	.05	.8	3.5	.05	.03	23	.9	<.02	4.6
411800	1.50	104.36	2.86	34.9	88	40.5	16.4	499	5.00	4.0	1.3	5.4	1.3	38.5	.12	.17	.07	173	.84	.174	7.0	75.2	.92	57.6	.077	2	1.14	.018	.08	.7	3.2	.06	.02	11	.3	<.02	4.4
411801	5.64	66.28	3.38	42.2	269	2.1	6.0	877	1.39	.6	4.2	5.2	.2	46.5	.15	.08	.06	41	.44	.113	10.8	4.2	.21	294.6	.008	2	1.39	.008	.04	.2	1.0	.04	.06	44	.7	<.02	3.9
411802	6.49	121.27	4.09	58.9	174	3.1	9.3	1226	3.03	1.2	9.9	3.7	.6	52.6	.45	.11	.06	103	.76	.144	11.0	7.7	.40	221.8	.026	2	1.52	.010	.04	.9	2.7	.04	.05	38	1.0	.02	4.4
411803	3.09	257.20	8.19	67.7	317	4.6	12.8	745	4.32	3.0	5.7	602.9	1.7	62.0	.42	.22	.06	157	.96	.233	14.7	11.5	.68	299.0	.039	2	1.65	.010	.07	.3	4.4	.03	.05	27	1.0	.02	6.2
RE 411803	3.36	288.95	8.88	72.2	242	4.5	13.1	805	4.10	3.1	6.2	4.6	1.3	66.5	.51	.31	.10	134	.98	.221	14.4	10.4	.72	334.8	.043	3	1.77	.011	.08	.3	4.8	.03	.07	36	.9	.02	6.5
411804	8.11	478.65	16.32	108.6	326	6.2	23.0	817	5.22	17.3	14.0	42.9	2.5	93.0	.37	.51	.20	129	.86	.194	15.6	7.6	.73	381.3	.060	3	2.33	.012	.09	1.1	5.5	.09	.05	72	.8	.09	8.8
411805	8.24	187.13	6.66	58.5	108	4.3	19.2	1146	5.95	45.4	4.9	10.0	5.1	34.6	.12	.51	.10	199	.72	.248	15.7	6.7	.27	656.7	.019	5	.69	.005	.14	.8	5.6	.03	.09	9	.2	.03	4.0
411806	9.37	159.14	4.50	75.4	68	5.2	31.5	7324	7.50	50.1	7.2	2.2	5.1	38.1	.29	.22	.04	105	.81	.222	15.2	10.2	.33	698.9	.035	2	.95	.009	.08	.7	4.3	.06	.03	28	.3	.02	3.7
411807	2.75	200.91	5.03	78.6	287	5.2	13.3	926	4.07	8.9	12.2	3.8	2.9	38.7	.18	.39	.05	125	1.05	.244	18.9	8.1	.64	151.9	.036	4	1.99	.012	.07	1.1	5.4	.04	.06	57	.4	<.02	6.2
411808	5.95	164.63	4.60	65.5	214	3.9	12.3	974	3.55	12.2	13.4	4.4	1.4	39.7	.14	.39	.07	91	.84	.202	13.7	4.1	.47	150.1	.034	3	2.15	.011	.08	6.5	4.1	.05	.07	97	.3	<.02	5.9
411809	2.00	218.16	4.52	44.3	255	4.4	10.8	470	3.55	5.3	30.3	5.6	4.8	37.1	.10	.60	.04	179	1.54	.482	34.2	5.4	.53	72.6	.061	5	1.75	.011	.07	.8	8.0	.04	.07	113	.5	<.02	7.3
411810	5.34	149.67	4.64	63.0	149	4.3	11.4	1531	7.66	5.1	22.2	3.5	2.6	37.1	.23	.28	.03	229	1.09	.215	13.8	6.2	.47	137.1	.063	3	1.37	.010	.05	.6	5.0	.03	.09	57	.5	<.02	5.8
411811	5.36	138.60	3.48	41.4	103	2.6	9.0	1600	7.12	5.4	24.3	4.1	1.7	36.3	.17	.22	.03	168	1.05	.223	13.1	3.1	.40	119.5	.067	3	1.22	.011	.05	1.1	3.8	.03	.09	53	.4	<.02	4.9
411812	3.57	111.03	8.19	99.6	87	5.0	14.1	1316	5.04	6.8	10.2	1.9	2.4	41.0	.33	.20	.08	211	.96	.226	11.0	7.7	.70	63.0	.069	1	1.45	.010	.06	1.7	3.3	.02	<.01	17	.5	<.02	6.3
411813	5.41	146.49	8.11	111.3	108	5.4	14.4	1483	5.92	9.8	10.8	6.9	5.2	33.5	.30	.78	.09	240	.89	.226	14.8	9.8	.63	92.8	.074	3	1.45	.009	.06	1.0	4.7	.03	.04	71	.3	<.02	7.0
411814	9.34	124.74	8.60	129.7	103	14.7	24.4	6390	10.11	35.2	7.9	5.4	3.4	45.8	.51	1.69	.08	244	1.04	.183	11.2	42.3	.74	187.5	.072	3	1.59	.011	.06	.5	6.6	.07	.06	226	.2	<.02	7.2
411815	.56	79.43	5.30	110.2	120	24.9	22.1	1276	5.52	15.9	.6	8.5	.4	50.1	.32	.33	.03	198	1.24	.151	4.0	59.8	1.14	91.0	.050	5	2.45	.020	.05	<.1	9.1	.04	.05	35	.6	.02	7.7
411816	1.14	131.37	10.22	107.1	128	58.5	37.8	1547	6.49	54.3	.6	7.1	.6	73.8	.39	.75	.09	188	1.10	.073	3.5	116.8	1.93	126.1	.079	4	2.95	.016	.06	.1	12.8	.06	.08	53	.7	.03	9.3
411817	.76	122.53	12.65	195.8	156	43.5	26.7	1004	5.24	85.2	.9	6.4	.6	110.6	.68	.45	.09	181	2.08	.067	3.2	125.2	1.71	64.7	.185	5	3.90	.021	.07	.3	8.0	.06	.03	19	.6	.05	10.2
411818	.67	138.11	24.23	195.0	213	31.6	35.7	1279	5.50	213.6	1.8	9.8	.6	144.3	.62	.21	1.86	162	2.40	.080	2.6	75.8	1.84	49.9	.102	4	4.42	.009	.05	.2	9.8	.02	.09	14	.4	.09	11.0
411819	1.57	130.37	19.57	224.2	311	31.7	26.0	1319	5.62	112.5	1.9	6.3	1.2	106.4	.93	.56	.41	189	2.06	.097	4.9	87.1	1.43	74.5	.136	5	3.22	.018	.06	.4	10.0	.04	.07	55	1.4	.11	9.4
411820	1.95	51.06	2.99	86.0	88	16.0	12.4	963	4.43	8.5	.7	8.3	1.1	51.0	.11	.30	.03	199	1.32	.122	6.7	36.8	.81	157.6	.072	4	1.52	.023	.04	.1	4.3	.02	.04	31	.9	<.02	5.8
411824	3.65	265.90	12.66	83.0	304	12.2	19.7	1064	5.93	4.6	12.9	5.4	5.8	47.0	.13	.67	.08	188	.75	.191	17.1	21.6	1.10	202.6	.029	2	2.21	.007	.11	.3	9.5	.04	.02	35	.4	<.02	8.9
411825	1.86	55.76	2.93	86.6	146	16.6	12.9	1008	4.24	7.8	.7	165.8	1.2	48.2	.13	.21	.03	183	1.28	.126	6.6	35.5	.84	168.5	.063	3	1.54	.022	.04	.1	4.4	.03	.05	41	.8	.02	6.0
411826	7.53	161.86	9.55	74.4	215	6.2	23.2	1320	4.87	12.9	3.9	8.5	2.1	71.9	.30	.32	.11	150	.88	.192	9.1	4.5	1.20	206.8	.077	3	1.99	.014	.12	.3	6.2	.05	.02	117	.5	.05	7.4
411827	8.70	146.01	5.20	45.3	161	4.7	13.0	668	3.83	.7	1.7	3.0	.4	83.7	.32	.10	.08	161	1.06	.103	5.4	5.8	.55	227.8	.064	<1	1.43	.033	.05	<.1	3.0	.05	.07	56	2.6	.03	7.7
411828	3.07	126.72	8.91	91.8	103	10.4	23.0	1000	6.64	1.8	2.8	4.9	1.6	72.3	.17	.11	.06	239	.89	.219	8.4	16.5	1.32	269.0	.034	1	2.65	.013	.11	<.1	7.4	.05	.06	29	.6	.03	9.2
411829	6.03	219.08	5.77	62.8	117	7.3	22.9	779	4.91	1.6	2.6	7.8	1.9	143.6	.12	.12	.09	172	1.27	.294	8.9	5.8	1.27	142.5	.105	2	2.05	.031	.12	.4	5.5	.08	.02	11	.4	.06	7.1
STANDARD	20.32	108.73	71.33	419.3	876	55.8	10.0	635	2.48	48.3	5.4	77.7	4.6	74.6	5.97	6.33	4.34	88	1.02	.081	14.0	187.5	1.11	395.4	.136	41	1.07	.086	.43	4.2	2.7	4.35	.21	198	3.5	1.31	5.2

Standard is STANDARD DS7. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A606242

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %
G-1	.59	2.08	2.53	44.8	11	6.9	4.5	570	2.00	<.1	2.6	.3	4.5	62.6	.01	<.02	.07	41	.63	.091
411830	3.24	157.60	8.56	99.4	144	14.1	28.3	2337	7.03	1.6	2.0	11.8	2.3	82.8	.31	.14	.08	214	.98	.237
411831	2.87	89.10	5.53	75.4	131	7.4	15.9	769	4.75	2.7	15.1	3.7	2.5	64.4	.10	.21	.04	117	1.25	.436
411832	.49	64.18	2.08	28.4	42	30.2	18.4	336	3.57	.8	.3	5.5	.2	26.1	.06	.06	.03	128	.54	.094
411834	1.38	184.73	10.71	211.5	257	38.5	30.7	1411	5.24	99.6	1.2	12.9	1.2	70.7	.91	.65	.33	143	1.23	.092
411835	4.12	178.37	25.65	192.4	529	32.4	26.2	1137	4.82	195.2	1.5	16.8	1.4	154.1	.62	.90	.64	105	1.68	.138
411836	4.37	152.60	8.13	77.2	104	12.5	21.3	834	5.23	2.5	2.4	9.7	1.2	124.0	.14	.14	.09	232	.85	.249
411837	2.73	133.63	4.31	57.9	60	11.3	18.2	720	6.27	3.0	2.6	6.1	2.4	67.5	.10	.08	.03	329	1.14	.355
411838	2.88	74.05	2.60	31.5	47	30.7	15.9	495	3.04	1.0	.5	3.4	.3	33.5	.06	.09	.12	106	.61	.121
411839	2.57	125.11	4.68	44.9	126	60.2	23.7	691	3.29	4.5	.5	19.8	.3	31.9	.14	.24	.17	100	.61	.105
411840	1.84	214.04	6.37	88.0	247	65.9	42.7	1920	5.37	10.8	.4	47.9	.5	47.6	.91	1.00	.25	122	1.09	.105
411841	.62	105.57	3.31	33.1	97	24.2	14.9	448	2.29	1.8	.7	4.7	.5	39.2	.16	1.41	.12	71	.73	.119
411842	.99	143.78	10.27	147.4	277	40.9	30.1	1329	5.04	35.0	.5	28.4	.5	68.2	.73	.40	.23	148	1.14	.101
411844	.65	160.82	7.26	82.0	150	41.6	23.8	998	4.19	9.3	.4	19.3	.6	75.2	.41	.21	.11	134	1.15	.097
411845	1.65	179.34	2.97	70.0	323	81.2	26.9	880	3.22	24.3	4.3	64.4	.3	52.7	.33	.28	.18	102	1.09	.098
RE 411845	1.77	188.38	2.98	71.4	348	81.8	28.0	923	3.27	25.0	4.4	64.3	.3	50.4	.34	.28	.19	102	1.11	.098
411849	.65	40.61	2.29	68.2	79	29.6	13.2	510	2.34	3.3	.4	3.0	.4	47.6	.26	.10	.02	68	1.15	.060
411850	1.22	154.21	1.72	19.1	566	8.4	5.1	1984	.78	.9	1.5	5.4	.1	69.6	.60	.29	.03	20	2.15	.120
411851	.73	245.10	16.47	82.4	732	144.2	41.9	1768	5.82	5.1	.4	44.5	.4	38.0	.78	.22	.28	157	.76	.108
411852	1.00	206.56	12.89	128.5	568	208.2	44.6	2214	6.78	5.2	.4	61.9	.4	58.2	.73	.30	.15	176	.80	.109
411853	.72	137.25	9.92	79.1	520	184.0	40.1	1244	5.33	6.5	.3	42.2	.4	51.1	.42	.19	.15	147	.82	.091
411854	.19	32.53	1.47	36.3	73	30.1	11.6	348	1.63	.6	.4	2.8	.3	49.7	.10	.08	.04	50	.86	.080
411855	.51	91.89	5.25	68.0	239	118.0	29.9	807	4.71	3.9	.2	14.9	.5	51.1	.22	.20	.11	139	.74	.100
411856	.95	117.31	2.89	39.4	156	95.6	31.5	623	3.55	2.4	.2	21.0	.4	56.4	.11	.16	.15	89	.75	.090
411857	1.31	50.44	2.96	24.5	67	13.6	9.8	397	1.83	.4	.7	4.0	.5	46.3	.06	.07	.12	52	.78	.071
411858	1.13	57.06	2.72	24.7	134	16.8	14.4	339	2.12	.9	1.1	2.8	.3	45.1	.06	.09	.12	65	.76	.079
411859	1.38	94.88	12.66	37.6	144	55.2	21.6	469	2.93	1.1	.8	2.5	.8	89.6	.11	.12	.43	82	.79	.090
411860	.92	120.92	3.03	37.4	219	89.1	29.4	644	3.51	2.4	.3	188.6	.4	55.0	.12	.15	.16	89	.71	.088
411861	.95	27.13	2.33	30.8	47	9.7	8.3	573	2.81	2.1	1.7	.7	3.5	31.4	.07	.28	.18	91	.55	.078
411862	1.31	95.19	2.54	28.7	97	8.9	6.9	355	1.62	.4	1.1	.8	2.1	36.6	.20	.07	.31	43	.62	.049
411863	1.47	41.38	2.68	35.9	56	12.7	9.9	356	2.44	2.6	.9	4.1	2.0	29.0	.11	.26	.07	68	.66	.078
411864	2.24	91.66	3.25	65.7	192	9.8	16.5	966	3.59	1.0	.7	5.3	1.1	149.0	.20	.11	.68	90	1.02	.168
411865	.85	63.02	3.29	82.6	154	9.4	19.2	842	4.20	.8	2.3	10.3	1.0	131.4	.13	.06	.28	113	1.16	.176
411866	3.53	12.96	10.40	62.2	126	3.4	3.2	697	1.95	1.6	104.5	2.9	6.3	243.6	.19	.08	1.05	31	.71	.113
411867	1.05	55.22	3.39	30.5	96	54.9	18.0	454	3.53	1.2	1.0	23.4	3.3	44.8	.11	.10	.17	83	.67	.074
STANDARD	21.11	111.40	71.43	421.8	880	55.4	9.9	643	2.43	50.2	5.2	71.9	4.7	74.1	6.48	5.94	4.77	87	.96	.081

SAMPLE#	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	7.4	56.3	.63	205.8	.135	1	.98	.066	.49	<.1	2.2	.37	.01	<5	<.1	.02	5.1
411830	11.7	21.1	1.77	366.3	.026	1	2.52	.009	.11	.3	12.2	.03	.05	20	.6	.06	7.7
411831	21.6	8.3	1.16	195.7	.029	1	2.15	.007	.05	.4	6.7	.03	.01	28	.7	<.02	7.3
411832	1.5	94.2	.91	51.3	.074	1	1.01	.014	.13	.2	2.1	.04	.03	<5	.5	.02	3.3
411834	6.7	57.3	1.50	221.7	.064	3	2.58	.022	.07	.1	11.9	.04	.08	46	1.9	.12	8.1
411835	12.2	51.3	1.38	256.0	.022	4	2.98	.024	.06	.3	8.8	.05	.15	54	3.8	.14	9.0
411836	10.7	19.6	1.35	225.1	.078	1	2.34	.014	.14	.4	6.1	.04	.06	22	.7	.05	8.4
411837	13.7	31.7	1.04	115.1	.116	2	1.72	.020	.19	.2	4.0	.03	.03	12	1.0	.02	6.6
411838	3.2	69.8	1.00	68.6	.077	<1	1.16	.014	.10	.5	2.7	.05	.01	5	.5	.02	3.8
411839	2.5	99.9	1.32	79.4	.063	1	1.46	.013	.13	.4	5.3	.08	.04	14	.9	.04	4.5
411840	4.7	92.9	1.73	113.6	.038	1	2.08	.013	.07	.4	11.8	.14	.08	46	1.2	.05	6.3
411841	4.4	50.5	.77	38.0	.050	1	1.01	.013	.06	.4	4.6	.05	.01	15	.7	<.02	3.0
411842	4.1	70.8	1.87	351.8	.058	3	2.60	.016	.06	.1	10.5	.03	.12	21	1.6	.11	7.4
411844	4.6	75.4	1.49	45.7	.070	2	2.37	.016	.06	.2	7.2	.03	.04	32	.9	.05	7.1
411845	4.5	140.6	1.41	47.4	.050	1	1.75	.021	.04	.5	5.9	.11	.05	33	1.4	.12	5.4
RE 411845	4.5	144.4	1.44	47.4	.042	1	1.78	.020	.04	.4	6.0	.11	.05	30	1.5	.13	5.6
411849	3.0	35.6	1.09	72.3	.115	2	1.69	.017	.03	<.1	4.6	.05	.06	34	1.5	<.02	4.7
411850	4.9	17.0	.24	87.8	.011	5	.93	.013	.03	.1	2.2	.15	.46	219	5.3	<.02	1.4
411851	5.1	242.4	3.90	161.5	.102	2	3.21	.009	.07	.2	14.5	.06	.08	13	1.0	.15	9.4
411852	4.5	289.1	4.54	154.2	.047	2	3.70	.008	.07	.1	20.1	.07	.05	28	.9	.07	9.6
411853	3.2	252.8	3.76	107.8	.111	3	2.93	.013	.07	.2	10.4	.05	.07	18	.9	.08	8.2
411854	2.7	41.7	.95	57.1	.072	1	1.39	.020	.04	.2	2.7	.06	.06	17	.6	<.02	3.9
411855	2.8	173.0	2.67	64.5	.100	1	2.24	.013	.06	.2	6.8	.03	.04	16	.6	.08	6.8
411856	2.1	143.0	2.02	82.3	.108	1	1.85	.015	.13	.4	4.2	.07	.13	9	.7	.10	5.2
411857	4.6	26.7	.64	80.9	.068	1	1.03	.016	.07	.4	2.2	.06	.03	9	.8	<.02	3.1
411858	2.8	28.1	.90	47.9	.098	<1	1.26	.020	.09	.3	2.7	.05	.02	7	.4	<.02	3.6
411859	3.0	99.1	1.44	92.3	.099	<1	1.61	.022	.16	.2	3.9	.09	.07	6	.4	.04	5.0
411860	2.2	131.9	1.94	74.9	.109	1	1.83	.015	.13	3.0	4.3	.07	.11	9	.6	.14	5.0
411861	17.7	18.3	.58	69.6	.089	<1	1.02	.008	.06	.4	2.0	.05	.01	14	.1	.02	3.3
411862	15.1	14.5	.46	90.5	.069	<1	.87	.010	.11	.3	1.8	.10	.02	15	.7	<.02	3.5
411863	11.4	20.7	.73	60.3	.097	1	1.07	.008	.05	.5	2.8	.05	.02	8	.5	.02	3.7
411864	4.1	17.1	1.44	414.8	.126	<1	2.24	.024	.42	2.8	3.6	.14	.04	<5	.3	.10	7.2
411865	4.2	21.5	1.89	403.3	.183	<1	3.07	.034	.42	.5	3.5	.12	.01	9	.4	.12	9.0
411866	105.0	11.3	.30	289.9	.026	1	1.40	.014	.11	.4	1.1	.12	.05	36	.8	.07	5.4
411867	15.8	153.9	1.23	128.0	.065	1	1.06	.012	.14	2.4	3.1	.08	.02	11	.7	.04	3.6
STANDARD	13.3	180.8	1.08	381.7	.133	37	1.02	.082	.47	4.1	2.7	4.31	.20	205	3.5	1.10	5.1

Standard is STANDARD DS7. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ____

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A606242

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.65	2.63	2.65	44.9	9	7.3	4.6	557	1.97	<.1	2.7	<.2	4.4	61.4	.02	<.02	.07	40	.62	.096	7.3	66.6	.63	222.4	.128	<1	.93	.070	.47	<.1	2.2	.36	.03	<5	.1	<.02	5.2
411868	4.33	62.67	3.42	85.8	145	16.9	18.3	568	3.22	2.0	3.2	19.2	1.6	95.5	.30	.15	.15	71	1.05	.079	4.0	39.6	1.12	182.0	.108	1	2.16	.023	.24	.3	2.4	.09	.09	6	.8	.10	5.9
411869	1.18	59.88	3.15	50.9	161	9.1	11.1	426	2.29	.5	4.1	3.9	2.3	62.4	.24	.09	.19	62	.80	.065	7.9	26.0	.90	280.4	.094	1	1.67	.024	.28	.6	2.0	.12	.08	19	1.5	.05	4.9
411870	3.26	31.17	3.09	50.8	57	11.5	9.6	429	3.22	3.1	3.7	1.4	9.6	36.9	.16	.35	.14	86	.70	.124	37.3	24.2	.64	88.7	.100	1	1.18	.012	.09	.4	3.4	.08	.03	9	.1	.04	4.6
411871	2.61	61.26	6.25	34.9	259	14.5	6.1	511	1.15	.3	55.8	1.3	.8	89.2	.74	.19	.42	27	1.39	.079	35.5	32.4	.47	137.9	.023	2	1.05	.017	.09	.6	1.4	.13	.14	41	2.1	.04	2.8
411872	2.66	28.87	7.85	48.5	150	17.1	7.9	484	2.10	.4	15.8	1.7	6.8	70.0	.49	.15	.54	47	.60	.070	22.3	47.1	.63	113.8	.046	<1	.96	.011	.08	.9	2.3	.07	.04	7	.5	.10	3.4
411873	2.50	25.89	3.11	32.1	63	9.1	5.3	260	1.82	1.2	13.2	.5	11.0	38.7	.09	.14	.41	50	.58	.136	47.6	24.5	.47	83.9	.056	1	.86	.015	.08	.8	2.7	.08	.05	14	.2	.03	3.4
411874	.55	37.06	.85	25.0	51	9.3	18.1	203	6.27	.4	.6	2.6	.8	40.7	.05	.04	.14	330	.70	.056	1.5	64.6	.85	103.8	.113	<1	1.23	.037	.11	.2	4.3	.03	.02	<5	.2	.02	4.5
411901	1.07	102.87	5.27	221.8	171	61.9	15.4	562	2.65	5.6	.8	4.4	.2	40.6	1.10	.19	.23	79	1.34	.063	3.8	89.8	1.41	91.7	.071	3	1.65	.021	.05	.1	3.7	.05	.10	51	3.7	.03	4.4
411902	1.51	92.47	6.30	134.4	238	28.2	13.6	636	2.90	18.8	1.1	17.6	.4	60.5	.92	.39	.07	100	2.03	.089	3.8	62.3	.99	88.4	.069	4	1.87	.028	.05	.1	5.5	.05	.13	56	4.6	.06	4.9
411903	.97	105.41	3.41	104.0	143	30.9	14.9	496	2.64	3.8	.6	4.5	.5	52.3	.74	.15	.11	85	1.07	.085	4.5	49.6	.90	62.9	.080	2	1.57	.024	.05	.2	3.1	.07	.06	25	1.1	.03	4.6
411904	2.59	318.46	15.28	99.9	462	71.9	55.0	1403	5.70	14.0	.4	19.2	.6	247.1	.60	.36	.65	135	1.06	.112	3.5	100.9	2.23	271.1	.122	<1	3.38	.034	.27	.7	7.0	.19	.18	17	1.7	.38	9.1
RE 411904	2.45	311.28	14.90	98.5	449	73.2	57.0	1435	5.67	13.9	.4	16.4	.7	251.1	.58	.38	.50	134	1.07	.105	3.5	98.5	2.23	276.2	.133	<1	3.52	.033	.27	.8	6.7	.18	.17	13	1.6	.40	8.9
411905	.77	99.47	3.21	76.4	165	29.4	17.3	664	3.83	4.0	.7	8.0	.5	66.1	.29	.19	.08	142	1.24	.115	3.8	58.7	1.08	85.0	.073	2	1.96	.029	.06	.4	4.3	.05	.09	30	1.8	.02	5.4
411906	.53	91.64	2.81	63.0	88	39.5	20.0	615	4.22	3.0	.4	9.5	.6	45.0	.20	.08	.08	150	.80	.120	2.9	74.1	1.27	81.0	.067	<1	1.78	.023	.11	.1	3.2	.06	.04	12	.6	.02	5.3
411907	2.01	264.17	4.46	52.6	327	140.6	38.3	1676	4.46	3.7	.5	15.2	.4	96.8	.33	.23	.36	115	1.02	.089	2.0	203.5	2.70	122.3	.133	<1	2.72	.028	.22	.9	6.0	.17	.06	22	1.1	.22	6.7
411908	5.18	205.64	10.51	56.4	335	49.4	30.0	879	3.88	2.5	1.2	6.4	.4	85.5	.26	.17	.33	112	1.30	.081	2.3	83.1	1.69	89.7	.130	1	2.72	.032	.13	.2	5.6	.14	.06	37	1.7	.08	6.9
411910	1.66	123.20	17.33	43.3	166	52.0	19.3	516	3.09	.9	3.1	2.6	1.0	112.0	.14	.09	.29	92	.95	.093	3.7	105.9	1.42	96.2	.098	<1	1.75	.031	.16	.1	4.2	.10	.04	16	1.0	.06	5.1
411911	1.95	107.37	17.26	42.1	123	46.5	20.2	497	3.33	.7	1.2	11.8	1.0	104.1	.12	.07	.28	95	.86	.090	3.7	113.1	1.32	99.1	.095	<1	1.60	.029	.13	.2	3.9	.08	.05	8	.5	.03	5.0
411912	1.77	101.76	16.13	39.1	118	46.1	19.5	474	3.56	.5	1.3	2.4	1.0	104.4	.11	.07	.26	102	.88	.089	3.7	120.5	1.29	88.4	.099	1	1.57	.031	.13	.2	4.1	.08	.06	6	.3	.04	4.8
411913	3.00	100.08	18.23	55.9	157	24.6	16.9	725	2.76	1.4	.8	2.5	.8	72.7	.21	.05	.45	70	.91	.106	5.3	36.8	.90	180.6	.056	1	1.49	.018	.13	.4	2.9	.11	.05	25	.9	.09	4.4
411914	.85	43.99	3.29	34.5	57	12.9	8.4	380	2.90	3.1	2.6	.5	5.2	23.2	.12	.25	.09	102	.54	.084	35.2	27.1	.55	58.2	.082	1	.90	.010	.07	.4	3.1	.08	.04	12	<.1	<.02	3.5
411915	.91	50.25	2.39	47.0	72	5.0	10.1	545	3.59	.7	2.5	82.1	1.5	65.8	.10	.15	.13	109	.80	.158	7.9	14.0	.79	119.7	.101	<1	1.32	.014	.16	.9	2.2	.07	.03	16	.7	.03	4.6
411916	1.42	115.73	4.28	75.1	91	7.6	16.5	1024	4.68	1.3	4.3	3.8	1.6	125.1	.18	.24	.35	140	1.03	.156	7.0	14.3	1.45	179.0	.141	<1	2.52	.020	.28	.7	3.2	.13	.07	16	.7	.05	8.8
411917	1.99	173.41	4.25	56.9	159	50.1	26.0	548	3.63	2.5	.7	8.7	1.5	43.2	.39	.13	.13	98	.94	.056	7.9	150.7	.97	80.9	.085	1	1.23	.015	.10	.3	4.1	.11	.07	29	1.2	.06	3.9
411918	.71	13.90	2.64	26.1	34	1.8	2.9	298	1.08	.7	7.4	.3	12.1	41.5	.06	.05	.98	23	.40	.120	50.6	3.6	.29	73.6	.046	<1	.51	.008	.12	1.2	1.2	.08	.01	<5	<.1	.02	2.4
411919	1.22	30.31	3.18	39.0	44	7.0	5.5	395	1.38	.7	11.1	.6	8.9	47.4	.10	.03	.75	30	.52	.135	42.7	14.2	.45	107.3	.050	<1	.75	.012	.15	1.2	1.6	.11	.02	6	.2	.03	3.2
411920	1.93	39.87	5.32	64.9	156	7.4	11.6	620	3.02	.9	3.6	4.7	2.2	104.9	.16	.22	.35	78	.91	.093	6.7	18.3	1.11	273.4	.141	1	2.14	.022	.33	1.2	3.2	.12	.03	9	.4	.09	7.4
411921	9.17	114.55	4.63	60.6	199	101.6	36.5	1599	7.07	6.0	.9	13.8	.5	58.0	.29	.15	.18	179	1.10	.102	3.3	191.1	1.65	110.9	.069	2	1.62	.016	.06	2.2	9.1	.11	.11	38	2.6	.06	5.3
411922	1.23	60.39	3.65	67.7	236	12.8	19.7	657	3.96	1.2	1.6	25.8	3.5	111.2	.11	.05	.22	92	.79	.109	4.9	42.2	1.47	497.3	.160	<1	2.22	.023	.45	.2	2.3	.12	.12	<5	.1	.13	7.1
411923	2.12	63.56	4.46	64.7	290	13.6	28.0	644	5.82	1.2	2.4	14.1	4.7	103.3	.13	.12	.39	139	.91	.132	5.5	54.9	1.43	391.6	.168	<1	2.21	.018	.45	.7	2.9	.12	.26	<5	.3	.21	6.8
411924	1.80	53.78	4.31	63.5	227	11.6	22.5	605	4.32	.9	2.5	11.3	8.5	92.9	.11	.05	.38	103	.80	.122	5.1	41.6	1.37	379.9	.154	<1	2.10	.018	.44	.4	2.4	.12	.18	<5	.2	.11	6.6
411925	1.13	53.09	3.43	52.6	97	19.9	10.0	498	2.87	2.1	5.1	2.0	9.9	32.8	.20	.20	.20	68	.86	.092	46.8	38.8	.73	113.0	.103	1	1.43	.027	.19	.6	4.0	.19	.04	14	.9	.02	5.0
411926	1.61	29.58	1.33	26.7	94	9.0	3.7	365	.63	.7	20.8	.7	1.3	22.3	.38	.16	.12	21	.61	.053	31.7	14.4	.19	45.9	.023	<1	.32	.010	.04	2.0	.8	.05	.08	11	2.4	<.02	1.3
411927	.63	45.56	1.47	46.8	50	12.9	19.5	442	5.71	.7	.8	3.0	1.4	62.1	.08	.07	.12	232	.90	.110	4.5	95.5	1.35	214.8	.148	<1	1.93	.036	.24	.3	4.6	.07	.03	5	.3	.04	6.5
STANDARD DS7	21.48	108.18	71.36	422.5	904	56.8	10.1	650	2.48	49.7	5.3	90.2	4.8	75.7	6.65	6.29	4.66	88	.98	.079	14.5	213.7	1.09	398.5	.134	40	1.03	.084	.47	4.0	2.7	4.34	.21	209	3.5	1.13	5.3

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.60	2.32	2.41	48.3	4	7.1	4.9	573	1.95	.3	2.7	<.2	4.2	62.2	.02	.02	.06	41	.63	.094	7.3	60.8	.64	213.2	.135	1	.97	.066	.48	<.1	2.0	.36	<.01	<5	<.1	<.02	5.4
411928	2.44	68.10	4.40	46.2	71	15.7	12.9	451	2.53	.3	14.5	1.7	10.0	104.8	.14	.06	.22	81	.84	.082	13.9	45.1	1.00	118.6	.063	1	1.77	.038	.14	.2	3.8	.15	.03	18	.5	.03	5.3
411929	4.74	90.90	5.26	68.6	113	13.0	15.6	689	2.94	1.1	18.7	1.7	3.4	93.2	.18	.04	4.10	85	.84	.177	11.6	23.6	1.27	197.3	.150	<1	1.91	.020	.44	11.9	3.0	.23	.02	11	.3	.04	6.2
STANDARD DS7	20.23	107.86	68.62	411.3	840	54.4	9.6	633	2.40	51.0	4.9	64.6	4.4	70.6	6.42	5.51	4.56	83	.94	.082	12.8	172.1	1.06	371.1	.122	41	.99	.077	.45	3.9	2.6	4.14	.22	204	3.5	1.17	5.1

Sample type: SILT SS80 60C.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606242 Page 1 (b)
304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gerry Bidwell

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	3.20	.1	.08	.26	40.1	.4	<.05	1.0	3.40	12.2	.02	<1	.2	31.8	<10	<2	30.0
411751	.82	<.1	<.02	.66	5.0	.2	<.05	.1	10.15	15.3	<.02	2	.5	10.6	<10	<2	15.0
411752	1.19	<.1	<.02	.42	8.6	.4	<.05	.3	12.02	18.3	.02	1	.5	10.9	<10	<2	7.5
411753	.83	<.1	<.02	1.10	3.2	.2	<.05	.8	8.27	18.9	<.02	2	.3	9.0	<10	<2	30.0
411754	9.38	<.1	.02	.68	10.9	.5	<.05	.7	15.31	34.0	.04	<1	.7	22.6	<10	<2	7.5
411755	2.97	<.1	<.02	.97	8.8	.4	<.05	.5	11.65	27.2	.02	<1	.7	17.0	<10	<2	7.5
411756	4.97	<.1	<.02	.64	8.9	.4	<.05	.7	14.17	32.1	.02	<1	.5	15.0	<10	<2	15.0
411758	1.19	<.1	<.02	.88	4.9	.2	<.05	.2	12.73	15.6	.02	1	.5	9.5	<10	<2	30.0
411759	1.17	<.1	<.02	.65	5.6	.3	<.05	.2	11.70	27.3	<.02	1	.2	11.5	<10	<2	30.0
411760	1.57	<.1	<.02	.84	7.3	.3	<.05	.3	13.12	18.8	<.02	<1	.6	18.7	<10	<2	30.0
411761	5.26	<.1	<.02	1.26	13.6	.4	<.05	.4	32.57	20.3	.03	1	1.2	26.5	<10	<2	30.0
411762	1.67	<.1	<.02	.63	7.1	.3	<.05	.4	13.93	26.9	<.02	2	.3	15.1	<10	<2	30.0
411763	3.39	<.1	<.02	.73	5.6	.3	<.05	.6	15.75	33.7	.02	1	.5	16.0	<10	<2	7.5
411764	2.42	<.1	<.02	.85	5.2	.3	<.05	.7	16.07	34.4	.02	<1	.4	16.0	<10	<2	.5
411765	2.58	<.1	<.02	1.13	10.0	.5	<.05	.7	15.81	34.0	.02	<1	.5	22.8	<10	<2	.5
411766	1.28	<.1	<.02	.78	7.8	.5	<.05	.7	11.53	22.5	.02	1	.5	18.4	<10	<2	7.5
RE 411766	1.35	<.1	<.02	.77	8.1	.5	<.05	.7	11.51	23.6	.02	1	.4	19.5	<10	<2	7.5
411769	4.30	<.1	<.02	.67	13.1	.6	<.05	.3	17.55	34.4	.03	6	1.1	24.1	<10	<2	15.0
411770	2.53	<.1	.02	.40	5.0	.3	<.05	.7	7.46	7.1	.02	2	.3	21.1	11	3	30.0
411771	1.43	.1	.04	.27	4.1	.3	<.05	1.0	8.96	13.3	.03	1	.2	14.2	<10	<2	15.0
411774	13.78	<.1	<.02	.55	9.3	.3	<.05	.4	11.40	22.5	.03	1	.4	23.0	<10	<2	15.0
411775	14.59	<.1	.02	.83	9.6	.3	<.05	.4	15.72	21.0	.04	3	.8	24.9	<10	<2	15.0
411776	13.92	<.1	<.02	1.03	7.1	.3	<.05	.3	25.20	14.7	.03	2	.7	23.3	<10	<2	15.0
411777	7.56	<.1	<.02	.59	10.0	.2	<.05	.2	12.61	23.6	.02	6	.5	18.4	<10	<2	7.5
411778	3.71	<.1	<.02	.77	8.6	.3	<.05	.4	8.89	18.0	.02	2	.4	17.3	<10	<2	7.5
411779	3.48	<.1	<.02	.83	14.0	.3	<.05	.5	17.63	16.0	.03	<1	.8	16.5	14	<2	7.5
411780	4.34	<.1	<.02	.47	10.6	.3	<.05	.3	11.71	20.1	.02	<1	.5	14.9	<10	<2	15.0
411781	1.23	<.1	<.02	.37	6.9	.2	<.05	.4	12.21	26.8	<.02	<1	.3	13.7	<10	<2	7.5
411782	1.39	<.1	<.02	.52	8.1	.3	<.05	.3	12.22	26.7	<.02	<1	.4	13.5	10	<2	7.5
411783	2.47	<.1	<.02	.52	8.5	.2	<.05	.3	11.44	18.3	.02	<1	.4	13.7	<10	<2	15.0
411784	1.51	<.1	<.02	.39	4.8	.1	<.05	.2	10.06	11.5	<.02	2	.3	7.8	<10	<2	30.0
411787	3.42	<.1	<.02	.54	14.2	.2	<.05	.6	12.68	26.0	<.02	2	.4	17.6	14	<2	7.5
411788	3.00	<.1	<.02	.62	16.2	.3	<.05	.4	9.27	18.5	<.02	<1	.5	20.2	10	<2	7.5
411789	2.79	.1	<.02	.30	24.4	.2	<.05	.5	7.97	19.9	<.02	3	.5	18.3	<10	<2	15.0
411790	1.85	<.1	<.02	.26	7.8	.1	<.05	.4	4.44	8.3	<.02	1	.2	12.7	<10	<2	7.5
STANDARD DS7	6.28	.1	.11	.65	35.9	5.0	<.05	5.1	5.14	35.5	1.61	3	1.7	29.6	59	36	30.0

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___ DATE RECEIVED: SEP 6 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	2.83	.1	.08	.22	39.0	.4	<.05	.9	2.94	13.0	<.02	<1	.3	30.4	<10	<2	30.0
411791	5.20	<.1	<.02	.10	16.4	.3	<.05	.6	7.24	17.5	.04	<1	.4	12.4	<10	<2	7.5
411792	1.31	<.1	<.02	.27	11.2	.2	<.05	.3	4.31	8.2	<.02	<1	.4	10.3	<10	2	15.0
411793	2.38	<.1	.03	.02	2.5	.1	<.05	1.1	3.78	4.6	.02	1	.2	14.2	<10	4	7.5
411794	1.85	<.1	.03	.25	5.7	.2	<.05	1.3	3.48	5.8	.03	3	.3	15.2	<10	4	7.5
411796	2.28	<.1	.05	.15	3.7	.2	<.05	2.3	6.58	6.4	.03	1	.3	21.3	<10	2	15.0
411799	3.25	.1	<.02	.15	4.7	.1	<.05	.3	2.59	3.4	.02	6	.1	14.3	10	2	30.0
411800	1.54	<.1	<.02	.12	6.8	.2	<.05	.5	5.79	12.9	<.02	<1	.3	10.0	<10	2	7.5
411801	1.46	<.1	<.02	.13	7.8	.5	<.05	.1	12.29	10.4	<.02	<1	.6	10.0	<10	<2	15.0
411802	1.29	<.1	<.02	.22	7.6	.3	<.05	.1	9.74	11.8	<.02	1	.5	12.9	<10	<2	7.5
411803	1.75	<.1	<.02	.21	8.8	.3	<.05	.1	12.26	18.8	.02	<1	.4	15.4	<10	<2	7.5
RE 411803	1.97	<.1	<.02	.28	9.7	.4	<.05	.1	12.95	17.4	.04	2	.5	16.4	<10	<2	7.5
411804	6.67	<.1	<.02	.44	15.3	.6	<.05	.3	12.37	24.1	.04	<1	.9	23.3	<10	<2	15.0
411805	4.28	<.1	<.02	.09	13.3	.6	<.05	.5	13.26	31.1	.03	<1	.8	6.5	<10	<2	7.5
411806	2.42	<.1	<.02	.41	11.6	.3	<.05	.9	13.74	28.8	.03	11	.7	10.2	<10	<2	.5
411807	5.36	<.1	<.02	.36	12.2	.5	<.05	.4	17.55	26.9	.02	<1	.8	27.6	<10	<2	15.0
411808	3.57	<.1	<.02	.35	12.5	.4	<.05	.1	12.66	22.8	.03	<1	.8	22.0	<10	<2	30.0
411809	3.07	<.1	<.02	.70	8.6	.7	<.05	.7	32.24	50.3	.03	<1	.9	17.3	<10	<2	15.0
411810	1.79	<.1	<.02	.42	8.9	.4	<.05	.4	12.13	24.1	.02	1	.4	15.5	<10	<2	15.0
411811	1.15	<.1	<.02	.62	5.9	.3	<.05	.2	9.75	23.7	<.02	<1	.4	13.4	<10	<2	30.0
411812	1.69	<.1	.02	.51	9.7	.5	<.05	.9	9.39	21.7	.02	1	.6	21.7	<10	<2	7.5
411813	2.18	<.1	<.02	.27	10.5	.7	<.05	.5	12.52	30.5	.04	1	.7	20.6	<10	<2	15.0
411814	1.98	<.1	<.02	.20	8.5	.4	<.05	.5	10.33	21.7	.05	2	.7	20.0	<10	<2	15.0
411815	2.00	<.1	<.02	.05	5.6	.2	<.05	.5	6.37	7.6	.04	<1	.3	20.5	<10	4	7.5
411816	2.85	<.1	.02	.03	4.5	.3	<.05	1.4	6.47	8.1	.05	1	.3	25.8	12	4	7.5
411817	2.85	.1	.04	.05	4.6	.3	<.05	2.1	4.97	6.0	.03	1	.4	27.8	<10	2	15.0
411818	2.12	.1	.06	.04	2.7	.3	<.05	1.9	4.21	4.9	.05	<1	.4	22.1	<10	2	15.0
411819	1.98	.1	.03	.22	4.6	.3	<.05	1.8	7.06	7.7	.03	1	.2	20.5	<10	2	15.0
411820	1.00	<.1	.02	.11	3.5	.2	<.05	1.2	6.18	12.0	.02	2	.3	11.1	<10	<2	15.0
411824	7.65	<.1	<.02	.10	13.4	.6	<.05	.7	15.38	28.6	.04	1	1.2	25.0	<10	<2	15.0
411825	1.00	<.1	.04	.09	3.7	.2	<.05	1.3	6.27	12.2	<.02	<1	.2	11.6	<10	<2	7.5
411826	11.48	<.1	<.02	.15	10.0	.2	<.05	.4	8.52	17.3	.02	1	.6	17.6	<10	<2	30.0
411827	1.61	<.1	<.02	.30	5.3	.3	<.05	.6	3.91	7.4	.02	11	.3	5.2	<10	2	7.5
411828	3.04	<.1	<.02	.12	12.6	.3	<.05	.4	8.57	16.4	.03	<1	.7	18.0	10	<2	15.0
411829	2.76	<.1	.02	.14	10.1	.3	<.05	.7	8.60	18.1	.03	1	.3	12.5	10	2	30.0
STANDARD DS7	6.26	.1	.12	.70	37.1	4.9	<.05	5.2	5.07	36.2	1.61	4	1.7	29.9	60	38	30.0

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	3.25	.1	.05	.26	41.8	.4	<.05	1.1	3.57	13.7	<.02	<1	.2	30.1	<10	<2	30.0
411830	2.46	.1	.02	.13	7.9	.2	<.05	.6	14.09	22.8	.03	2	.5	16.8	11	2	7.5
411831	4.02	<.1	<.02	.53	8.5	.3	<.05	.4	22.07	37.0	.02	1	.7	16.3	<10	<2	30.0
411832	.79	<.1	<.02	.09	6.6	.1	<.05	.3	1.68	2.8	<.02	1	.1	9.2	<10	2	7.5
411834	2.86	<.1	.02	.28	5.4	.3	<.05	.8	9.59	12.0	.04	1	.4	20.0	<10	2	15.0
411835	2.11	<.1	.06	.67	6.3	.3	<.05	2.1	14.11	13.0	.05	4	.8	23.4	<10	2	7.5
411836	3.42	<.1	<.02	.58	14.3	.3	<.05	.3	10.84	21.3	.02	3	.5	16.6	<10	<2	15.0
411837	2.45	.1	<.02	.52	16.3	.3	<.05	.3	11.83	29.0	<.02	1	.3	15.6	<10	2	.5
411838	1.31	.1	<.02	.20	5.7	.1	<.05	.2	2.90	5.4	<.02	1	.1	9.1	<10	<2	15.0
411839	2.53	<.1	<.02	.11	9.1	.1	<.05	.2	3.48	4.1	.02	4	.1	10.5	<10	3	15.0
411840	6.28	<.1	.02	.17	5.0	.2	<.05	.6	8.87	9.8	.03	1	.4	12.3	<10	3	15.0
411841	1.34	<.1	<.02	.37	3.9	.1	<.05	.6	4.88	7.2	<.02	<1	.2	6.3	<10	<2	30.0
411842	2.22	<.1	.02	.27	3.5	.2	<.05	.9	6.91	8.7	.02	1	.3	20.8	<10	3	15.0
411844	2.28	.1	.02	.18	4.0	.2	<.05	.5	5.89	8.9	.02	<1	.4	13.9	<10	4	15.0
411845	2.98	<.1	.03	.26	2.9	.1	<.05	.6	7.00	4.6	.02	2	.3	12.5	10	3	7.5
RE 411845	2.63	<.1	.03	.23	2.7	.2	<.05	.7	6.91	4.9	.02	5	.3	12.2	11	3	7.5
411849	1.28	<.1	.06	.62	2.5	.2	<.05	2.9	3.96	4.6	<.02	7	.1	7.8	<10	3	30.0
411850	.62	<.1	.02	.26	2.1	.1	<.05	.7	7.46	4.2	<.02	13	.3	1.7	<10	<2	.5
411851	4.41	<.1	.04	.32	5.8	.3	<.05	1.0	9.09	10.9	.03	<1	.4	20.4	<10	5	.5
411852	5.91	<.1	.03	.21	6.1	.2	<.05	1.2	10.58	8.6	.05	1	.2	21.4	<10	6	7.5
411853	2.87	.1	.04	.20	4.3	.9	<.05	1.3	6.02	6.5	.02	2	.4	18.2	<10	4	.5
411854	.93	<.1	<.02	.41	3.5	.1	<.05	.5	2.76	4.9	<.02	<1	.1	7.4	<10	<2	30.0
411855	1.98	<.1	.02	.14	4.0	.2	<.05	1.2	4.15	5.6	.02	1	.2	15.1	<10	5	7.5
411856	1.72	.1	.02	.17	7.2	.1	<.05	1.1	3.17	4.4	<.02	<1	.1	9.9	<10	2	7.5
411857	.91	<.1	.02	.59	6.2	.1	<.05	.5	2.59	5.6	<.02	2	.2	6.9	<10	<2	30.0
411858	.84	<.1	<.02	.32	6.2	.1	<.05	.5	2.70	3.6	<.02	<1	.1	5.5	<10	<2	30.0
411859	1.20	<.1	.02	.23	9.8	.2	<.05	.8	2.78	5.3	<.02	1	.2	9.5	<10	2	15.0
411860	1.80	.1	.02	.19	7.2	.1	<.05	.9	3.30	4.6	<.02	1	.1	10.1	<10	3	15.0
411861	1.08	<.1	<.02	1.27	5.4	.2	<.05	.9	3.92	28.4	<.02	<1	.2	11.4	<10	<2	15.0
411862	1.74	<.1	<.02	1.79	12.5	.2	<.05	.4	3.00	17.5	<.02	3	.1	10.1	<10	<2	7.5
411863	1.41	.1	.04	1.03	5.0	.2	<.05	1.8	3.81	14.9	<.02	1	.1	10.3	<10	<2	30.0
411864	4.15	.1	.02	.29	20.3	.2	<.05	.4	4.52	8.2	<.02	<1	.4	21.7	<10	<2	15.0
411865	3.58	.1	<.02	.45	16.6	.2	<.05	.5	3.31	7.2	<.02	1	.4	17.0	<10	<2	15.0
411866	7.76	.1	<.02	2.80	13.6	.3	<.05	.3	7.79	106.3	<.02	<1	1.0	21.5	<10	<2	.5
411867	2.03	.1	<.02	.80	12.3	.1	<.05	.5	2.78	18.6	<.02	<1	.1	9.2	<10	5	7.5
STANDARD DS7	6.37	.1	.11	.68	35.8	5.0	<.05	5.1	4.98	36.1	1.61	4	1.7	26.7	62	36	30.0

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	3.38	.1	.09	.26	41.5	.5	<.05	1.1	4.01	14.1	<.02	<1	.4	32.0	<10	<2	30.0
411868	3.97	.1	<.02	.26	12.0	.2	<.05	.6	2.97	6.8	<.02	1	.3	14.1	<10	2	7.5
411869	3.81	<.1	.02	.91	18.2	.2	<.05	.3	3.20	9.8	<.02	2	.3	20.2	<10	<2	7.5
411870	1.63	.1	.05	.78	8.2	.3	<.05	2.3	5.98	53.7	.02	<1	.3	12.0	<10	<2	30.0
411871	3.61	.1	.04	.86	13.3	.1	<.05	1.1	5.08	18.3	<.02	2	.5	15.0	<10	<2	.5
411872	3.18	<.1	.03	1.14	10.2	.2	<.05	.9	3.82	33.7	<.02	<1	.3	16.4	<10	<2	15.0
411873	1.97	.1	<.02	.98	8.6	.3	<.05	.7	7.86	55.9	<.02	<1	.2	16.3	<10	<2	7.5
411874	1.53	.1	<.02	.17	5.3	.1	<.05	.4	1.95	2.8	<.02	1	.1	8.6	<10	<2	15.0
411901	1.42	<.1	.05	.43	4.0	.1	<.05	1.4	4.51	4.6	<.02	15	.2	13.3	<10	3	.5
411902	2.00	<.1	.05	.56	3.6	.2	<.05	1.9	6.22	5.3	<.02	15	.2	12.7	<10	3	7.5
411903	1.36	<.1	<.02	.69	6.2	.2	<.05	.6	3.85	7.7	<.02	2	.2	10.1	<10	2	15.0
411904	3.49	.1	.03	.08	15.7	.2	<.05	1.0	6.52	8.4	.02	1	.5	15.8	<10	8	7.5
RE 411904	3.60	.1	<.02	.12	15.8	.3	<.05	.9	6.50	8.5	.02	<1	.4	16.1	<10	6	7.5
411905	1.25	<.1	.02	.36	5.1	.2	<.05	.6	4.53	6.4	<.02	2	.1	11.9	<10	<2	15.0
411906	1.15	.1	.03	.22	6.8	.1	<.05	1.2	3.40	5.9	<.02	<1	.1	12.3	<10	3	7.5
411907	5.40	.1	.04	.15	14.4	.2	<.05	1.2	5.66	4.5	<.02	<1	.3	16.2	<10	4	7.5
411908	3.19	.1	<.02	.38	9.9	.2	<.05	.7	4.93	4.7	<.02	3	.4	14.8	<10	3	7.5
411910	1.35	.1	.03	.32	10.8	.2	<.05	1.2	3.49	7.0	<.02	1	.4	10.9	<10	3	7.5
411911	1.18	.1	.02	.16	9.4	.2	<.05	.8	3.33	7.1	<.02	2	.2	10.7	<10	3	7.5
411912	1.10	.1	.02	.14	8.8	.2	<.05	.9	3.37	7.3	<.02	<1	.2	10.2	<10	2	7.5
411913	.99	.1	<.02	.18	9.4	.1	<.05	.4	3.90	8.1	<.02	5	.3	11.7	<10	2	7.5
411914	1.38	.1	.06	1.16	7.0	.2	<.05	1.7	8.33	33.1	<.02	<1	.3	11.0	<10	<2	.5
411915	2.05	.1	<.02	.58	9.5	.2	<.05	.2	4.03	13.9	<.02	1	.1	14.7	<10	<2	7.5
411916	6.35	.1	<.02	.65	23.3	.3	<.05	.2	4.96	11.9	<.02	<1	.5	28.8	<10	<2	7.5
411917	2.63	.1	<.02	.79	8.2	.2	<.05	.6	3.55	12.4	<.02	3	.1	12.2	<10	3	7.5
411918	1.14	.1	<.02	.83	8.9	.2	<.05	.3	4.22	81.8	<.02	<1	.1	8.7	<10	<2	15.0
411919	1.66	<.1	<.02	1.23	11.9	.2	<.05	.3	3.97	65.1	<.02	<1	.2	12.5	<10	<2	.5
411920	3.06	.1	.02	1.17	20.4	.3	<.05	.3	4.40	11.5	<.02	<1	.4	17.6	<10	<2	30.0
411921	1.53	.1	.02	.25	5.2	.2	<.05	.4	5.27	5.9	.02	8	.2	10.2	11	7	7.5
411922	2.93	.1	<.02	.29	19.0	.1	<.05	.3	3.10	9.3	<.02	1	.4	14.5	<10	<2	.5
411923	3.05	.1	.02	.24	18.5	.3	<.05	.5	3.74	10.7	<.02	1	.2	14.9	<10	<2	7.5
411924	2.99	.1	<.02	.26	17.8	.2	<.05	.4	2.88	9.4	<.02	1	.3	13.8	<10	<2	.5
411925	2.62	.1	<.02	3.05	22.9	.4	<.05	.9	6.84	59.3	.02	2	.3	16.9	<10	<2	7.5
411926	.60	.1	<.02	1.00	5.8	.1	<.05	.3	11.09	15.4	<.02	8	.1	6.2	<10	<2	.5
411927	2.29	.1	.02	.33	11.2	.2	<.05	.6	2.98	8.0	<.02	<1	.2	13.2	<10	2	7.5
STANDARD DS7	6.59	.1	.14	.72	36.8	5.5	<.05	5.4	5.82	41.9	1.58	4	1.6	30.0	61	43	30.0

Sample type: SILT SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	3.37	.1	.08	.25	41.7	.5	<.05	1.2	3.83	15.5	.02	<1	.3	32.9	<10	<2	30.0
411928	3.67	<.1	.02	2.87	14.4	.4	<.05	.5	9.76	25.2	<.02	<1	.3	23.6	<10	<2	.5
411929	6.15	.1	<.02	.59	31.7	.3	<.05	.5	5.85	21.7	<.02	<1	.4	32.5	<10	<2	15.0
STANDARD DS7	6.36	<.1	.13	.61	35.7	5.3	<.05	5.4	5.29	38.3	1.60	3	1.7	28.7	59	40	30.0

Sample type: SILT SS80 60C.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration File # A606306 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: N / A

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm
G-1	.64	2.26	2.83	44.5	10	6.6	4.2	526	1.76	.3	2.2	2.0	3.9	47.8	.01	.03	.05	35
411887	1.83	208.34	7.31	30.9	136	97.5	44.3	665	4.95	.9	.4	11.5	.7	32.1	.18	.09	.33	124
411938	1.19	314.13	3.75	50.3	153	33.7	22.4	694	3.66	10.5	3.2	6.8	.5	58.6	.24	.60	.06	100
411939	.69	104.91	4.18	52.6	101	35.1	20.7	855	3.87	10.5	1.6	6.1	.5	60.8	.21	.77	.06	106
411940	.83	85.09	5.22	80.1	156	58.8	28.3	1107	5.49	8.1	.5	443.7	.5	42.9	.27	.27	.03	166
411941	.51	74.64	5.00	79.0	151	49.9	21.2	913	4.29	7.2	1.0	5.5	.8	83.5	.27	.20	.05	129
411942	.27	33.83	1.97	26.3	26	370.1	32.2	333	4.86	1.7	1.0	1.9	1.1	203.4	.03	.02	.11	106
411944	6.53	108.17	4.00	53.9	117	50.4	23.6	714	3.13	1.5	47.4	2.5	1.4	36.4	.30	.06	1.65	87
411946	1.19	147.02	8.38	84.7	178	41.4	28.7	1317	5.38	44.0	.4	12.5	.5	52.4	.34	.49	.14	159
4119[illegible]	2.41	135.55	11.12	175.8	341	42.1	31.2	1354	5.10	143.9	.8	55.7	.6	84.8	.70	.97	.54	107
STANDARD	21.31	108.44	71.29	416.1	877	56.6	10.0	634	2.44	48.9	5.1	74.4	4.7	72.0	6.56	5.61	4.62	84

SAMPLE#	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.41	.085	6.3	65.8	.61	216.7	.115	1	.92	.058	.53	<.1	1.9	.38	<.01	<5	<.1	<.02	4.8
411887	.44	.065	2.4	181.4	2.03	61.7	.070	1	1.10	.010	.09	3.0	4.9	.10	.05	<5	.5	.08	4.0
411938	1.35	.093	8.3	43.4	1.14	218.4	.072	3	2.31	.024	.05	.6	7.3	.06	.06	54	2.0	.08	6.5
411939	1.17	.081	5.7	55.7	1.42	243.7	.078	3	2.38	.021	.05	<.1	6.9	.05	.05	24	1.4	.04	6.8
411940	1.97	.060	2.7	101.6	2.72	57.0	.264	7	3.93	.012	.03	<.1	14.3	.11	.05	21	1.3	<.02	11.1
411941	1.93	.102	5.7	88.3	1.91	79.3	.145	6	3.37	.028	.04	<.1	8.9	.04	.08	43	3.3	<.02	9.6
411942	.99	.365	6.8	1205.1	3.91	392.7	.069	<1	1.45	.030	.61	.2	1.0	.03	.01	<5	<.1	<.02	3.8
411944	.57	.060	2.9	93.3	1.65	108.5	.113	1	2.10	.028	.36	4.8	5.0	.36	.02	5	.6	.05	5.8
411946	1.24	.116	5.5	118.1	1.71	170.6	.065	4	2.52	.017	.06	.1	9.6	.03	.04	29	1.1	.08	8.4
4119[illegible]	1.41	.092	6.8	71.8	1.63	229.1	.062	3	2.76	.028	.07	.4	9.2	.04	.15	40	2.1	.37	8.5
STANDARD	.96	.083	13.2	181.2	1.07	388.9	.126	41	1.00	.081	.44	3.9	2.6	4.34	.21	203	3.7	1.10	5.2

Standard is STANDARD DS7.

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: STREAM SED. SS8

10-18-06 P04:39 OUT

Data ___ FA ___ DATE RECEIVED: SEP 14 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration File # A606306 (b)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: N / A

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	3.48	.1	.08	.34	46.5	.5	<.05	1.2	3.70	13.2	<.02	<1	.2	33.8	<10	<2	30.0
411887	1.58	.1	.02	.21	6.9	.6	<.05	.6	3.04	5.0	<.02	<1	.1	7.6	<10	11	30.0
411938	1.28	<.1	.04	.57	4.1	.4	<.05	1.3	14.67	8.8	.03	1	.4	15.3	<10	3	7.5
411939	1.47	<.1	.05	.47	3.9	.3	<.05	1.5	9.15	8.5	.02	2	.4	15.3	<10	2	7.5
411940	1.72	.1	.22	.35	1.9	.4	<.05	9.2	10.39	6.6	.03	1	.3	17.1	<10	5	7.5
411941	1.84	<.1	.13	.85	2.9	.4	<.05	5.7	9.55	10.2	.02	<1	.3	14.7	<10	2	7.5
411942	3.31	.1	<.02	.08	29.8	<.1	<.05	.3	4.90	14.2	<.02	<1	.2	10.3	<10	5	30.0
411944	11.91	.1	<.02	.80	28.4	.2	<.05	.5	4.32	5.6	<.02	<1	.4	39.8	<10	3	30.0
411946	1.98	<.1	.05	.20	3.9	.2	<.05	1.4	9.99	11.1	.03	2	.3	19.4	<10	2	7.5
411948	1.41	<.1	.05	.36	4.8	.2	<.05	1.6	10.43	11.9	.03	4	.5	21.4	<10	<2	7.5
STANDARD DS7	6.36	.1	.12	.69	36.5	5.4	<.05	5.7	5.41	39.2	1.59	4	1.6	30.0	63	39	30.0

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: STREAM SED. SS8

10-21-06 P01:22 OUT

Data ___ FA ____ DATE RECEIVED: SEP 14 2006 DATE REPORT MAILED:.................

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Clarence Leong

Appendix 3: Kliyul diamond drill core logs, drill section and assay certificates

GEOINFORMATICS EXPLORATION
DRILL HOLE LOG

KL06_30

Geoinformatics Exploration Inc

Collar

Hole ID	KL06_30	*Hole type*	DD	*Drilling company*	Hole ended prematurely	*Grid ID*	NAD83_UTM_09		
DataSet	GXL_KLIYUL_2006	*Depth*	325.37 m	*Geologist*	Hole ended prematurely	*Easting*	676486.00	*RL*	1775.00 m
Prospect	Kliyul	*Commenced*	12/08/2006	*Survey Method*	Hole ended prematurely	*Northing*	6265920.00		
Tenement		*Completed*	16/08/2006	*Notes*	Hole ended prematurely due to drill pad instability				

Survey

At		Azimuth	AzimuthID	Dip	Method	Comments
81.40	m	230.6	NAD83_UTM	-61.3	CAMERA	
142.35	m	233.7	NAD83_UTM	-61.8	CAMERA	
203.30	m	230.1	NAD83_UTM	-62.0	CAMERA	
264.26	m	222.5	NAD83_UTM	-62.4	CAMERA	
325.22	m	226.0	NAD83_UTM	-61.8	CAMERA	

Lithology

Logged by: Mclean_Trott

		Lith 1						Lith 2						
From	To m	Code	GSize	Qual	Text1	Text2	%	Code	GSize	Qual	Text1	Text2	%	Comments
0.00	15.24	CASE					100							
15.24	76.57	XSH	F	cl	fr	fo	100							
76.57	78.97	IIO	C	cl	fr		100							
78.97	89.54	XSH	F	cl	fr	fo	100							
89.54	90.60	IIO	M	cl	fr		100							
90.60	92.02	XSH	F	cl	fr	fo	100							
92.02	96.92	YIAT	F	cl	fr		100							
96.92	99.40	XSH	F	cl	fr	fo	100							
99.40	136.06	XSH	F	cl	fo		100							
136.06	136.89	VIAP	F	pp	pp		100							
136.89	159.94	XSH	F	cl	fo		100							
159.94	160.56	VIA	F	pp	pp		100							
160.56	239.80	XSH	F	cl	fo		100							
239.80	251.75	AQE	F	at	mx	cr	100							

251.75	277.28	XSH	F	cl		100
277.28	300.90	XSH	F	cl	fo	100
300.90	302.27	III	M	lu	cr	100
302.27	311.95	XSH	F	cl	fo	100
311.95	321.42	XSH	F	cl		100
321.42	325.37	XSH	F	cl	fo	100

Lithology

Logged by: Mclean_Trott

From	*To m*	*Description*
0.00	15.24	
15.24	76.57	Chloritic schist. Rock is a pale grayish-green, and is strongly crumbled and rubbly. Larger, more intact portions of core display a distinct schistosity/fabric, at a steep angle (near perpendicular, although variable) to the core axis. Interval most likely represents an altered volcanic package (andesitic?), chloritized and strongly structurally modified. Primary textures/structures are difficult to detect, due to strong structural overprint. Fine-grained disseminated pyrite is ubiquitous, likely a function of the event that chloritized the rock ar imparted its fabric. Carbonate is seen locally. Local, paler patches of sericitic material observed, likely forming halos around later quartz veins.
76.57	78.97	Dioritic intrusive rock (?). Interval is altered in similar style to the overlying material (dominantly chloritized); however, this rock lacks fabric, and appears less fractured (more res to deformative processes). Relict dioritic textures are observed, although primary mineralogy has been overprinted extensively by alteration minerals.
78.97	89.54	Chloritic schist. Rock is a pale grayish-green, and is strongly crumbled and rubbly. Larger, more intact portions of core display a distinct schistosity/fabric, at a steep angle (near perpendicular, although variable) to the core axis. Interval most likely represents an altered volcanic package (andesitic?), chloritized and strongly structurally modified. Primary textures/structures are difficult to detect, due to strong structural overprint. Fine-grained disseminated pyrite is ubiquitous, likely a function of the event that chloritized the rock ar imparted its fabric. Carbonate is seen locally. Local, paler patches of sericitic material observed, likely forming halos around later quartz veins.
89.54	90.60	Dioritic intrusive rock (?). Interval is altered in similar style to the overlying material (dominantly chloritized); however, this rock lacks fabric (possible very subtle fabric), and appe slightly less fractured (somewhat more resistant to deformative processes). Relict igneous textures are observed, although primary mineralogy has been overprinted extensively alteration minerals. Unit is finer grained, and texturally distinct from previous dioritic interval.
90.60	92.02	Chloritic schist. Rock is a pale grayish-green, and is strongly crumbled and rubbly. Larger, more intact portions of core display a distinct schistosity/fabric, at a steep angle (near perpendicular, although variable) to the core axis. Interval most likely represents an altered volcanic package (andesitic?), chloritized and strongly structurally modified. Primary textures/structures are difficult to detect, due to strong structural overprint. Fine-grained disseminated pyrite is ubiquitous, likely a function of the event that chloritized the rock ar imparted its fabric. Carbonate is seen locally. Local, paler patches of sericitic material observed, likely forming halos around later quartz veins.
92.02	96.92	Andesitic tuff (?). This interval is generally fine-grained, pale grayish-green, and displays local clasts, generally subrounded to rounded. This unit has a weak fabric, and in all probability is chemically very similar to the surrounding rock. It is differentiated texturally, because in this case the texture is more or less preserved. The point being that there n no difference between this lithology and the surrounding rocks, other than the fact that this lithology is less altered for some reason.
96.92	99.40	Chloritic schist. Rock is a pale grayish-green, and is strongly crumbled and rubbly. Larger, more intact portions of core display a distinct schistosity/fabric, at a steep angle (near perpendicular, although variable) to the core axis. Interval most likely represents an altered volcanic package (andesitic?), chloritized and strongly structurally modified. Primary textures/structures are difficult to detect, due to strong structural overprint. Fine-grained disseminated pyrite is ubiquitous, likely a function of the event that chloritized the rock ar imparted its fabric. Carbonate is seen locally. Local, paler patches of sericitic material observed, likely forming halos around later quartz veins.
99.40	136.06	Chloritic schist. Rock is a pale grayish-green, similar to the overlying chloritic schist except it is not rubbled- the core is relatively intact. Primary textures/structures have general been overprinted and obliterated by metamorphic/structural fabric, although local relict textures are seen, including relict plagioglase phenocrysts. Unit is probably an altered vol package. Fabric is imparted by alignment of micas (predominantly chlorite), as well as common wispy gypsum veinlets in the same orientation. Fabric is not uniformly well devel although it does dominate the interval. Local, restricted zones feature pale tan to whitish sericitic alteration overprinting the chloritic alteration (blue-green).
136.06	136.89	Plag-phyric Andesite. Rock is well preserved compared to the surrounding altered volcanics (late?). Plagioclase phenocrysts, altered to chlorite, are still readily visible. This roc not feature a fabric. The dark (nearly mafic) character of the groundmass of this rock makes it difficult to ascertain to what degree the rock has been chloritized. Gypsum veining present in this rock.
136.89	159.94	Chloritic schist. Rock is a pale grayish-green. Primary textures/structures have generally been overprinted and obliterated by metamorphic/structural fabric, although local relict textures are seen, including relict plagioglase phenocrysts. Unit is probably an altered volcanic package, with possible lesser amounts of altered dyke material. Fabric is imparte alignment of micas (predominantly chlorite), as well as common wispy gypsum veinlets in the same orientation. Fabric is not uniformly well developed, although it does dominate interval. Local, restricted zones feature pale tan to whitish sericitic alteration overprinting the chloritic alteration (blue-green).
159.94	160.56	Andesitic dyke. Rock is less altered than surrounding rock, although plagioclase phenocrysts have been ubiquitously epidotized. Rock appears to be relatively un-chloritized.

160.56	239.80	Chloritic schist. Rock is a pale grayish-green. Primary textures/structures have generally been overprinted and obliterated by metamorphic/structural fabric, although local relict textures are seen, including relict plagioglase phenocrysts. Unit is probably an altered volcanic package, with lesser amounts of possible altered dyke material. Fabric is imparte alignment of micas (predominantly chlorite), as well as common wispy gypsum veinlets in the same orientation (emplaced through fabric?). Fabric is not uniformly well develope although it does dominate the interval. Local, restricted zones feature pale tan to whitish sericitic alteration overprinting the chloritic alteration (blue-green). Local plagioclase-ph textures are well developed, wherein the plagioclase has been altered to epidote. The lower portion of the interval features thick bull quartz veins, mineralized with pyrite (+/- chalcopyrite). Two such veins are noted from 223.63 to 225.21 m, and from 238.12 to 239.8 m. The rock surrounding these veins appears to have been silicified, sericitized, an pyritized to varying degrees (QSP), overprinting the chloritic alteration. The lower portion of the interval is also characterized by a decreased abundance of gypsum veining, alth fabric is still strongly visible due to alignment of chlorite and sericite banding.
239.80	251.75	Quartz-sericite-pyrite- altered rock. Likely a volcanic protolith- impossible to be sure due to absence of relict textures/structures. Rock is pale tan, siliceous, and speckled with disseminated pyrite. A very subtle alignment is suggested in places. Gypsum veining rare. At least two phases of quartz veining are present- an early, narrow smoky quartz vei phase, and a late, thick, milky quartz phase (+/- sulphides). One of these quartz-veining episodes may have catalyzed the QSP alteration.
251.75	277.28	Chloritic schist. Rock is pervasively chloritized. Fabric is poorly developed in this interval. This unit is termed a schist for the sake of consistency, since texturally it is very differ from the previous chloritic schists, but mineralogically it is identical. Locally, relict igneous textures are preserved. The lower portion of the interval has portions of well preserved porpyritic texture.
277.28	300.90	Cholritic schist. Fabric more strongly developed, fewer relict textures. Gypsum veining is rare.
300.90	302.27	Monzodioritic dyke, interval is tan in colour, comprised mainly of feldsapr with altered mafic minerals disributed evenly throughout. These mafic minerals (chloritized?) are sudder alighed at a high angle to the core axis.
302.27	311.95	Cholritic schist. Fabric more strongly developed, fewer relict textures. Gypsum veining is rare.
311.95	321.42	Chloritic schist. Rock is pervasively chloritized. Fabric is poorly developed in this interval. This unit is termed a schist for the sake of consistency, since texturally it is very differ from the previous chloritic schists, but mineralogically it is identical. Locally, relict igneous textures are preserved.
321.42	325.37	Cholritic schist. Fabric more strongly developed, fewer relict textures. Gypsum veining is rare.

Alteration

From	*To m*	*Total Int.*	*Alt1*	*Style*	*Int.*	*Alt2*	*Style*	*Int.*	*Alt3*	*Style*	*Int.*	*Comments*
15.24	76.57	STG	CH	pv	STG	SR	pv	MOD	CY	pv	WK	The most prominent alteration observed in this interval is pervasive chlorite. Lesser amounts of sericitic alteration are present, overprinting chloritic, probably associated wit late veining. Clay is present locally. Trace epidote present locally.
76.57	78.97	STG	CH	pv	STG	EZ	rep	MOD	CY	pv	WK	Rock is chloritized as above. Plagioclase phenocrysts have largely been altered to epic and/or clay.
78.97	99.40	STG	CH	pv	STG	SR	pv	MOD	CY	pv	WK	The most prominent alteration observed in this interval is pervasive chlorite. Lesser amounts of sericitic alteration are present, overprinting chloritic, probably associated wit late veining. Clay is present locally. Trace epidote present locally.
99.40	123.16	STG	CH	pv	STG	EZ	vsel	MOD	CY	pv	TR	Rock is chloritized as above. Rock is ubiquitously veined with wispy, en echelon veinlet of a soft, white material (sericite/clay?). Pervasive chlorite has been overprinted by pervasive sericite (?) locally, generally in conjunction with quartz veinlets.
123.16	123.42	STG	SR	pv	STG	CY	pv	WK	SL	pv	MOD	Sericitic altered zone. Lesser silica, possible clays.
123.42	128.43	STG	CH	pv	STG	EZ	rep	WK	GP	vsel	WK	Rock is chloritized pervasively. Plagioclase phenocrysts have largely been altered to epidote and/or clay. Gypsum veinlets ubiquitous.
128.43	129.27	STG	SR	pv	STG	SL	pv	WK	CY	pv	TR	Sericitic altered zone. Lesser silica, possible clays. Alteration is probably related to late quartz veins.
129.27	136.06	STG	CH	pv	STG	EZ	rep	WK	GP	vsel	WK	Rock is chloritized pervasively. Plagioclase phenocrysts have largely been altered to epidote and/or clay. Gypsum veinlets ubiquitous.
136.06	136.89	WK	CH	rep	WK							Lesser altered zone. Dominant alteration consists of chlorite replacement of plagioclase phenocrysts.
136.89	140.76	STG	CH	pv	STG	EZ	rep	TR	GP	vsel	WK	Rock is chloritized pervasively. Plagioclase phenocrysts have largely been altered to epidote and/or clay. Gypsum veinlets ubiquitous.
140.76	141.85	STG	SR	pv	STG	CH	pv	MOD	SL	pv	WK	Mixed alteration zone. Alteration grades between chloritic and sericitic (sericite general adjacent to quartz veins). Lesser silicification associated with sericite.

141.85	149.59	STG	CH	pv	STG	SR	pv	WK	EZ	rep	TR	Alteration is dominated by pervasive chloritization. Local intersections of sericitic alteration, in conjunction with late quartz veins. Minor replacement of plagioclase with epidote.
149.59	150.26	STG	SR	pv	STG	SL	pv	WK	CH	pv	WK	Sericitic altered zone. Lesser silica, possible clays. Alteration is probably related to late quartz veins.
150.26	154.82	STG	CH	pv	STG	SL	pv	MOD	EZ	rep	TR	Pervasively chloritized rock. Sericite/clay veins are rare in this interval. Some silicificati is at work in this interval. Local epidote replacement of plagioclase.
154.82	155.28	STG	SR	pv	STG	SL	pv	WK	CY	pv	TR	Sericitic altered zone. Lesser silica, possible clays. Alteration is probably related to late quartz veins.
155.28	159.94	STG	CH	pv	STG	SL	pv	MOD	EZ	rep	TR	Pervasively chloritized rock. Sericite/clay veins are rare in this interval. Some silicificati is at work in this interval. Local epidote replacement of plagioclase.
159.94	160.56	MOD	EZ	rep	MOD							Weak to moderately altered interval (late?). Epidote replacing plagioclase phenocrysts, rare epidote veinlets.
160.56	173.30	STG	CH	pv	STG	SL	pv	MOD	EZ	vsel	WK	Pervasively chloritized and silicified interval. Gypsum veinlets are seen commonly, as as local epidote veining.
173.30	175.20	MOD	EZ	rep	MOD	SL	pv	MOD				Moderately altered interval (late?). Epidote replacing plagioclase phenocrysts, rare epic veinlets. Dyke appears silicified.
175.20	181.69	STG	CH	pv	STG	SL	pv	MOD	EZ	vsel	TR	Pervasively chloritized and silicified interval. Gypsum veins are seen commonly, as we as local epidote veining.
181.69	223.21	STG	CH	pv	MOD	EZ	rep	WK	GP	vsel	MOD	Rock is altered similarly to overlying interval. Interval is darker in colour (less silicificatio Less chloritization?) but is still nearly ubiquitously gypsum veined. Epidote veining/replacement is commonplace, particularly towards the top of the interval. Local pervasive sericitic overprint, associated with quartz veins.
223.21	237.25	STG	SR	pv	MOD	CH	pv	MOD	SL	pv	MOD	Rock is variably altered, containing banding of chloritic alteration overprinted (?) by quar sericite-pyrite alteration.
237.25	251.75	STG	SL	vsel	MOD	SR	pv	STG				Interval features strong quartz-sericite-pyrite (QSP) alteration. Abundance of quartz vei in this interval may be related to alteration.
251.75	325.37	STG	CH	pv	STG							Dominant alteration style in this interval is pervasive chlorite.

Veining

From	*To m*	*Vein1*	*Style*	*Int.*	*Av. thick (mm)*	*Av. Angle*	*Vein2*	*Style*	*Int.*	*Av. thick (mm)*	*Av. Angle*	*Vein3*	*Style*	*Int.*	*Av. thick (mm)*	*Av. Angle*	*Comments*
15.24	99.40	ZVC	WSP	15	0.3				15								The most readily apparent vein type in this interval is wispy calcite veining, cutting the fabric of the rock (late veining). This veining needs to be considered with a degree of caution, since veining is difficult to detect in the more rubbly portions of core, and is basically hypothetical in these portions, inferred by examining less broken segments of core (with the assumption that the veining is more or less consisten throughout, regardless of the structural integrity of the rock).
99.40	136.06	ZVO	WSP	20	0.2	65	ZVQC	FRV	20	0.5	15	ZVQ	FRV	2.5	0.5		Dominant vein type in this interval is gypsum veinlets running parallel to fabric. Lesser amounts of quartz-carbonate-pyrite veins are observed. Quartz veins with associated pyrite and chalcopyrite are seen in th lower portion of the interval. Sulphides seem to anastomoze outward from the veins, hosted by associated microfractures.
136.06	136.89	ZVQC	FRV	5	0.8				5								Interval is poorly veined, featuring quartz-carbonate veining (late).

136.89	150.26	ZVO	WSP	20	0.2	65	ZVQC	FRV	20	0.5	15	ZVQ	FRV	2.5	0.5		Dominant vein type in this interval is gypsum veinlets running parallel to fabric. Lesser amounts of quartz-carbonate-pyrite veins are observed. Quartz veins with associated pyrite and chalcopyrite are seen locally.
150.26	164.85	ZVQC	FRV	10	0.5				10								Interval is characterized by lack of en echelon gypsur veins. Veining observed is basically permutations of quartz-carbonate-epidote-pyrite.
164.85	173.30	ZVO	WSP	20	0.2	65	ZVQC	FRV	20	0.5							Dominant vein type in this interval is gypsum veinlets running parallel to fabric. Lesser amounts of quartz-carbonate-pyrite veins are observed.
173.30	175.20	ZVE	FRV	1.5	0.4		ZVQC	FRV	1.5	0.3							Very little veining present in this interval.
175.20	188.35	ZVO	WSP	20	0.2	65	ZVQ	FRV	20	0.8		ZVE		1	0.3		Dominant vein type in this interval is gypsum veinlets oriented relatively uniformly, imparting a fabric to the rock. Lesser amounts of quartz veinlets are observec
188.35	198.00	ZVE	FRV	7	0.2		ZVQC	FRV	7	0.25	30	ZVQ	FRV	1.5	1	80	Gypsum veining is no longer observed. Instead, epidote veining has become more commonplace. Minor quartz-carbonate and quartz-pyrite veining.
198.00	223.63	ZVO	WSP	15	0.2		ZVQC	FRV	15	0.3							Gypsum veining ubiquitous. This vein type is more irregular, and the trending is more subtle.
223.63	225.21	ZVQ	FRV	70	15				70								Intensely quartz-veined zone. Subordinate pyrite.
225.21	237.25	ZVQ	FRV	5	0.85		ZVO	WSP	5	0.3							Veining in this interval is dominated by quartz-feldspar. Gypsum veins are present, in minor quantitites.
237.25	239.80	ZVQ	FRV	85	40				85								Interval dominated by thick milky quartz veins (+/- pyrite).
239.80	277.28	ZVQ	FRV	5	3		ZVO	WSP	5	0.2		ZVQ	FRV	2.5	0.8		Most dominant vein type is quartz veining- several different phases are seen (at least two), consisting of early smoky quartz veins, and late milky quartz veins Minor gypsum veining locally.
277.28	325.37	ZVQ	FRV	5	2		ZVE	WSP	5	0.2							Wispy epidote veinig is ubiquitous. Magneite +/- qtz veining is commonplace.

Mineralisation Percent

From	*To*	*CCP Diss*	*CCP Frac*	*CCP Vein*	*MAL Frac*	*PY Diss*	*PY Frac*	*PY Vein*	*PYOX Frac*	*Description*
15.24	76.57	0.05				1		0.05		Interval is characterized by abundant disseminated pyrite, related either to the structurometamorphic ev that chloritized the rock or to the structural event that shattered the overlying rock. Trace chalcopyrite disseminations observed locally. Pyrite is seen locally hosted by carbonate veins (+/- quartz).
76.57	78.97									Weakly mineralized zone. Coincidence of higher degree of structural integrity implies that pyrite mineralization is related to the structural event that shattered the overlying rock (ie more strongly fractur rock seems to contain more pyrite).
78.97	99.40	0.05				0.9		0.05		Interval is characterized by abundant disseminated pyrite, related either to the structurometamorphic ev that chloritized the rock or to the structural event that shattered the overlying rock. Trace chalcopyrite disseminations observed locally. Pyrite is seen locally hosted by carbonate veins (+/- quartz).
99.40	119.88			0.1				0.8		Interval is distinguished by relative absence of disseminated pyrite and dominance of vein-hosted pyrite (quartz-carbonate veins). Chalcopyrite is seen in increased abundance.

119.88	122.16		0.5			0.8	0.3	Strongly mineralized zone. More favourable pyrite-chalcopyrite tenor. Mineralization appears to be mai hosted by microfractures related to early quartz veins, which are in turn weakly mineralized.
122.16	132.80			0.05	0.2		0.4	Weakly (although ubiquitously) mineralized zone. Sulphides are generally confined to quartz veins, although minor disseminated sulphides are seen.
132.80	134.78		1			1	0.7	Best mineralized interval seen up until this point. Mineralization appears to be mainly hosted by microfractures related to early quartz veins, which are in turn weakly mineralized. Interval is siliceous (correlation between mineralization and silicification?).
134.78	136.06			0.05	0.15		0.3	Weakly mineralized interval.
136.89	137.50			0.6	0.4		0.8	Relatively strongly mineralized interval. Mineralization style as noted previously. Host rock is silicified (correlation between silicification and mineralization?)
137.50	140.00			0.2	0.2		0.6	Lesser mineralized zone, although chalcopyrite is still readily visible.
140.00	157.98			0.08	0.14		0.5	Interval is poorly mineralized, with the exception of rare, localized veins containing significant chalcopyr (see 148.13 m).
157.98	159.94	0.3			0.8		0.4	Interval is relatively well mineralized, dominated by disseminated mineralization. Rock is siliceous.
160.56	169.09			0.05	0.2		0.3	Interval is weakly (although ubiquitously) mineralized.
169.09	170.34	0.25			1.25			Better mineralized zone. Relatively favourable py:cpy ratio.
170.34	173.30			0.05	0.15		0.6	Weakly mineralized interval.
175.20	191.20	0.05			0.45		0.3	Weakly mineralized interval. Both disseminated and vein-style mineralization is seen.
191.20	223.63			0.1	0.3		0.7	Mineralization in this interval is commonly observed in quartz veins. Rare magnetite veinlets are genera sulphide-bearing. A narrow magnetite-chalcopyrite-pyrite veinlet is noted at 191.33 m. Possible molybdenite observed at 219.61 m, hosted by a milky quartz vein with associated chalcopyrite.
223.63	237.25	0.1			1		0.4	Mineralization in this interval is dominated by disseminated pyrite, seen mainly in the pale, tan-coloured sericitic material, and in lower concentration in the more chloritic material. Minor vein-style mineralizatic hosted by quartz veins.
237.25	239.80			0.1			0.5	Large, weakly mineralized milky quartz vein. Lower overall sulphide content, but more favourable pyrite:chalcopyrite ratio.
239.80	251.75			0.1	1.8		0.2	Large interval of disseminated pyrite mineralization. Pyrite is a component of pervasive QSP alteration.
251.75	305.30			0.04	0.4		0.36	Interval of mixed mineralization. Disseminated pyrite seems to correspond with sericitic intersections. chalcopyrite is hosted by veins, intergrown with pyrite. Locally, epidote veins host significant chalcopyrit
305.30	307.70			0.07	0.4		1	Interval is characterized by abundant vein hosed pyrite, associated qtz veins.
307.70	317.02			0.04	0.4		0.36	Weakly mineralised zone.
317.02	317.90			0.07	0.4		1	Sericitic zone with abundant pyrite.
317.90	325.37			0.04	0.4		0.36	Variably mineralised zone

Structure

From	*To m*	*Struct 1*	*Int.*	*Angle*	*Struct 2*	*Int.*	*Angle*	*Struct 3*	*Int.*	*Angle*	*Description*
15.24	49.20	SFS	STG		ZRO	STG					Interval features a schistosity derived from alignment of micas. Overprinting this schistosity, th core is strongly broken and rubbled (brittle shearing?).
49.20	50.50	ZFG	INT								Interval is characterized by abundant clay (gouge?)- core is crumbled almost to a powder in places.
50.50	76.57	SFS	STG		ZRO	STG					Interval features a schistosity derived from alignment of micas. Overprinting this schistosity, th core is strongly broken and rubbled (brittle shearing?).
76.57	78.97	ZRO	MOD								Interval is characterized by relative lack of fabric, and lesser degree of fracturing (more compet lithology).
78.97	99.40	SFS	STG		ZRO	STG					Interval features a schistosity derived from alignment of micas. Overprinting this schistosity, th core is strongly broken and rubbled (brittle shearing?).
99.40	136.06	SFS	MOD		ZRO	MOD					Interval is relatively intact from a structural standpoint, although closed en echelon fracture veir (gypsum) is commonplace. Fabric is still present.

136.06	136.89	ZRO	WK				Interval is virtually pristine structurally.
136.89	150.26	SFS	MOD		ZRO	MOD	Interval is relatively intact from a structural standpoint, although closed en echelon fracture vein (gypsum) is commonplace. Fabric is still present.
150.26	159.94	ZRO	MOD				Fabric is weak to nonexistent here, seen in localized sericitic intersects. Minor fracture veining
159.94	160.56	ZRO	WK				Interval has a high structural integrity. Weak fracture veining.
160.56	164.85	ZRO	MOD				Fabric is weak to nonexistent here, seen in localized sericitic intersects. Minor fracture veining
164.85	173.30	SFS	MOD	65	ZRO	MOD	Relatively well developed fabric, created by aligned gypsum veinlets (en echelon).
173.30	175.20	ZRO	WK				Interval is relatively intact structurally, although in places is broken up somewhat.
175.20	188.35	SFS	MOD	65	ZRO	MOD	Relatively well developed fabric, created by aligned gypsum veinlets (en echelon).
188.35	223.21	SFS	WK		ZRO	MOD	Fabric is somewhat more subtle in this interval, although closed fractures are still commonplace
223.21	239.80	SFS	MOD		ZRO	STG	relatively well developed fabric created by alignment of micas. Strong quartz fracture veining.
239.80	277.28	SFS	TR		ZRO	MOD	Fabric is weak, localized. Variable fracture veining.
277.28	311.95	SFS	MOD		ZRO	MOD	Fabric is better developed.
311.95	321.42	SFS	TR		ZRO	WK	Fabric is weak, localized. Variable fracture veining.
321.42	325.37	SFS	MOD		ZRO	MOD	Fabric is better developed.

Point Structure

Depth m	*Feature*	*Width*	*Alpha*	*Beta*	*Gamma*	*Dip/ Plunge*	*Dip/ Plunge Dir.*	*Reliability*	*Description*
109.34	ZVO	0.2	55.0	178.0				high	Narrow sericite/clay (?) veinlet, part of a widespread en echelon series of similar veins, which le the rock a fabric overall.
109.87	ZVQ	0.5	50.0	287.0				high	quartz vein crosscutting fabric, hosting minor pyrite +/- chalcopyrite.
110.48	ZVO	0.2	65.0	150.0				high	Narrow sericite/clay (?) veinlet, part of a widespread en echelon series of similar veins, which le the rock a fabric overall.
112.48	ZVQ	0.8	53.0	288.0				high	Quartz vein with minor epidote and pyrite.
113.83	ZVO	0.1	66.0	160.0				high	Narrow sericite/clay (?) veinlet, part of a widespread en echelon series of similar veins, which le the rock a fabric overall.
114.91	ZVQ	0.6	45.0	258.0				high	quartz vein with trace pyrite
119.01	ZVQ	1	45.0	330.0				high	quartz vein with significant pyrite and chalcopyrite.
119.96	ZVQ	2	68.0	232.0				high	quartz vein with significant pyrite and chalcopyrite.
121.04	ZVQ	2.5	55.0	275.0				high	quartz vein with significant pyrite and chalcopyrite.
122.08	ZVQ	0.5	32.0	325.0				high	quartz vein with associated pyrite and chalcopyrite.
123.80	ZVO	0.1	44.0	230.0				high	Narrow sericite/clay (?) veinlet, part of a widespread en echelon series of similar veins, which le the rock a fabric overall.
126.05	ZVQ	2.5	90.0	0.0				high	Quartz vein with abundant pyrite and chalcopyrite. Vein is offset by several other fracture veins (therefore early).
127.23	ZVQ	0.6	85.0	0.0				high	Quartz vein with abundant pyrite.
128.80	ZVO	0.2	55.0	265.0				high	Narrow sericite/clay (?) veinlet, part of a widespread en echelon series of similar veins, which le the rock a fabric overall.
130.45	SFS	10	74.0	330.0				high	Sericite altered zone.
132.91	ZVQ	1	58.0	310.0				high	Quartz vein containing a high concentration of chalcopyrite.
134.54	ZVS	0.8	50.0	302.0				high	Chalcopyrite rich vein, lesser quartz and pyrite.
136.06	SCI	0.05	60.0	295.0				high	Dyke contact
136.89	SCI	0.05	62.0	340.0				high	Dyke contact
137.30	ZVQ	4	55.0	310.0				high	Layered quartz vein with sulphide banding (pyrite>chalcopyrite).
138.20	ZVQ	0.7	75.0	278.0				high	Early quartz vein with abundant sulphides.

139.00	ZVQ	4	55.0	280.0	high	Early quartz veined zone with abundant sulphides.
141.20	SFS	12	55.0	285.0	high	Sericite altered zone, features pyritic banding.
145.75	ZVS	0.8	43.0	298.0	high	Pyritic vein, with lesser quartz and sericitic selvage.
147.10	ZVQ	0.6	22.0	282.0	high	Thin quartz vein hosting pyrite, +/- epidote.
151.24	ZVQ	2.5	90.0	0.0	high	Quartz vein with minor chalcopyrite and pyrite.
154.01	ZVQ	3	50.0	335.0	high	Quartz vein with minor chalcopyrite and pyrite.
155.75	ZVQ	3.5	45.0	355.0	high	Quartz vein with minor chalcopyrite and pyrite.
159.70	ZVQ	3	43.0	182.0	high	Quartz vein containing significant pyrite, +/- chalcopyrite.
159.94	SCI	0.05	65.0	315.0	high	Dyke contact
160.56	SCI	0.05	64.0	315.0	high	Dyke contact
162.02	ZVO	1.3	40.0	350.0	high	Gypsum vein.
162.87	ZVQ	1.5	67.0	325.0	high	Quartz veinlet with associated pyrite and chalcopyrite.
165.34	ZVO	0.2	70.0	94.0	high	Gypsum veinlet.
166.06	ZVO	1	62.0	311.0	high	Early quartz veinlet with associated sulphides.
168.67	ZVQ	2.5	70.0	319.0	high	Early quartz vein with associated sulphides.
171.18	ZVQ	0.8	70.0	172.0	high	Narrow quartz veinlet with significant pyrite/chalcopyrite.
186.16	ZVE	0.2	68.0	300.0	high	Epidote veinlet. May be part of a set.
191.33	ZVO	0.7	30.0	235.0	high	Magnetite-chalcopyrite-pyrite vein. Appears to be an isolated occurrence.
191.71	ZVQ	0.3	35.0	285.0	high	Quatrz vein with abundant pyrite and Chalcopyrite
191.94	ZVQ	0.5	78.0	300.0	high	Quartz vein with minor pyrite
193.95	ZVQ	1	43.0	305.0	high	Quartz vein with lesser Epidote
194.95	ZVQ	1.2	61.0	282.0	high	Barren Quartz vein
195.90	ZVQ	0.8	60.0	315.0	high	Quatrz vein with associated epidote and prite
196.54	ZVO	0.7	64.0	288.0	high	Magnetite veinlet with minor pyrite
201.49	ZVQ	1.2	63.0	200.0	high	Quartz vein with significant pyrite and chalcopyrite
212.49	ZVQ	7	48.0	245.0	high	Quartz-magnetite vein, banded with pyrite.
229.10	ZVQ	1.4	25.0	305.0	high	Quartz-magnetite veinlet. Local fabric runs parallel.
231.60	ZVQ	2	42.0	315.0	high	Quartz-feldspar-pyrite veinlet.
236.63	SFS	0.05	28.0	285.0	high	Fabric- aligned chlorite.
237.61	ZVQ	5	53.0	70.0	high	Thick milky quartz vein with minor pyrite and chalcopyrite.
238.12	SCI	0.05	45.0	90.0	high	Upper contact of large milky quartz vein, +/- pyrite/chalcopyrite.
243.57	ZVQ	1	20.0	355.0	high	Narrow milky quartz veinlet with large blebs of pyrite.
257.46	ZVQ	3.5	34.0	285.0	high	Quartz vein

Samples

From	*To*	*Sample ID*	*Sample type*	*Cu_ppm*	*Au_ppb*	*Mo_ppm*	*Pb_ppm*	*Zn_ppm*	*As_ppm*	*Ag_ppm*	*K_ppm*	*Hg_ppm*	*Bi_ppm*	*Sb_ppm*	*S_%*
9.00	15.00	410052	CORE_HALF	174.9	50	1.87	25.65	300.7	12.6	0.476	2400	0.035	0.12	0.45	1.97
15.00	18.00	410053	CORE_HALF	229.95	140.3	2.43	33.21	4752.1	11.7	0.653	2200	0.526	0.16	0.66	3.72
18.00	20.00	410054	CORE_HALF	705.64	317.4	4.58	25.46	10000	18	1.794	2300	3.249	0.23	0.86	4.44
20.00	22.00	410055	CORE_HALF	335.03	37.8	4.43	24.22	349.5	11.6	0.691	2800	0.037	0.17	0.63	2.96
22.00	24.00	410056	CORE_HALF	634.83	48.2	6.05	22.12	761	19.1	1.261	2900	0.161	0.2	0.55	3.12
24.00	26.00	410057	CORE_HALF	1006.23	97.1	5.98	33.06	1029.1	27.4	2.172	2500	0.278	0.3	0.72	3.1

26.00	28.00	410058	CORE_HALF	2039.8	103.2	3.47	14.79	584.7	14.8	2.79	2100	0.125	0.11	0.57	2.19
28.00	30.00	410059	CORE_HALF	818.28	171.4	8.86	15.69	522.8	20.3	2.856	2200	0.117	0.23	0.61	3.43
30.00	31.00	410060	CORE_HALF	603.02	86.3	6.39	10.48	361.9	19.9	1.623	3000	0.063	0.41	0.46	2.82
31.00	34.44	410061	CORE_HALF	350.78	59.7	6.64	8.54	331.9	13.9	0.794	2600	0.047	0.28	0.25	2.5
34.44	36.00	410062	CORE_HALF	292.3	49	2.86	9.68	155.9	12	0.773	3000	0.008	0.23	0.28	3.03
36.00	38.00	410063	CORE_HALF	635.06	93.7	5.32	14.7	161.9	11	1.528	2500	0.009	0.16	0.29	3.87
38.00	40.00	410064	CORE_HALF	479.25	66.1	2.65	8.73	305.6	9.7	1.181	2200	0.013	0.07	0.27	1.49
40.00	42.00	410065	CORE_HALF	239.97	54.2	2.82	6.73	181.8	5.6	1.061	2700	0.008	0.1	0.13	2.38
42.00	44.00	410066	CORE_HALF	544.43	51.7	3.12	9.55	195.5	9	0.834	2400	0.014	0.17	0.2	3.35
44.00	46.00	410067	CORE_HALF	525.01	32.4	3.33	11.22	357	7.1	0.769	2100	0.032	0.1	0.35	2.5
46.00	48.00	410068	CORE_HALF	1271.82	89.9	2.39	5.45	203.2	6.4	1.394	3100	0.01	0.13	0.21	1.9
48.00	50.00	410069	CORE_HALF	165.09	29	1.99	5.2	127.8	2.7	0.318	2300	0.023	0.06	0.16	1.07
50.00	52.00	410071	CORE_HALF	1615.58	62.1	2.59	4.05	129.1	4.3	1.444	3900	0.013	0.07	0.34	1.72
52.00	54.00	410072	CORE_HALF	827.68	26.8	4.23	5.5	206.3	5.9	0.649	3900	0.015	0.11	0.32	2.35
54.00	56.00	410073	CORE_HALF	1204.54	48.6	3.45	11.86	274.8	7.4	0.969	4100	0.032	0.08	0.3	2.55
56.00	58.00	410074	CORE_HALF	588.05	27.1	2.53	18.29	298.4	7.4	0.537	3000	0.044	0.09	0.27	3.12
58.00	60.00	410075	CORE_HALF	268.5	22.3	2.17	16.48	121.4	5.9	0.347	3000	0.014	0.08	0.23	1.82
60.00	62.00	410076	CORE_HALF	1097.9	41.2	2.16	11.24	217.4	7.5	0.89	4400	0.032	0.07	0.27	2.42
62.00	64.00	410077	CORE_HALF	775.69	43.3	2.21	10.66	288.8	7.7	0.734	4300	0.042	0.07	0.26	1.7
64.00	66.00	410078	CORE_HALF	859.8	36.7	3.05	10.14	176.7	7.3	0.682	3700	0.019	0.06	0.26	2.22
66.00	68.00	410079	CORE_HALF	2441.3	87.5	3.59	11.59	154.9	9.5	1.266	4600	0.034	0.1	0.29	2.86
68.00	70.00	410080	CORE_HALF	1765.55	62.8	2.67	11.75	254.5	10	1.1	2900	0.047	0.08	0.36	1.1
70.00	72.00	410081	CORE_HALF	2044.93	68.8	3.86	6.87	183.9	7.1	0.911	2800	0.04	0.12	0.28	1.52
72.00	74.00	410082	CORE_HALF	3497.42	102.7	3	6.53	122	8.8	1.596	2400	0.038	0.14	0.3	1.76
74.00	76.00	410083	CORE_HALF	2641.59	85	1.99	4	185.4	4.9	1.294	1800	0.031	0.07	0.21	1.28
76.00	78.00	410084	CORE_HALF	2134.48	76.2	0.6	7.82	101.6	2.5	1.729	1500	0.011	0.06	0.16	0.56
78.00	80.00	410085	CORE_HALF	379.39	16.9	0.91	6.89	104.5	2.8	0.309	1800	0.011	0.06	0.12	0.74
80.00	82.00	410086	CORE_HALF	2307.09	93.7	1.45	3.64	171.5	8	1.648	1300	0.009	0.1	0.16	1.37
82.00	84.00	410087	CORE_HALF	2007.48	104.5	1.48	3.13	163	4.9	1.664	1900	0.021	0.06	0.13	1.16
84.00	86.00	410088	CORE_HALF	1224.02	70.7	1.44	2.88	127.3	4.1	0.885	1900	-0.005	0.04	0.16	0.43
86.00	88.00	410089	CORE_HALF	794.46	50.3	1.65	2.22	141.5	2	0.558	1000	-0.005	0.04	0.09	0.28
88.00	90.00	410091	CORE_HALF	1498.43	80.6	1.02	1.85	86.2	1.9	0.653	1400	0.006	0.04	0.08	0.35
90.00	92.00	410092	CORE_HALF	745.89	57	1.57	4.8	135	4.4	0.687	1700	0.015	0.06	0.75	1.13
92.00	94.00	410093	CORE_HALF	2435.25	88	1.56	2.49	193.1	4.1	1.217	1200	0.01	0.05	0.16	0.82
94.00	96.00	410094	CORE_HALF	1399.4	70	1.32	1.36	87.9	2.5	0.768	1400	-0.005	0.03	0.1	0.39
96.00	98.00	410095	CORE_HALF	845.95	45.3	1.1	1.92	102.6	3.6	0.526	1100	0.005	0.03	0.19	0.27
98.00	100.00	410096	CORE_HALF	1306.54	78.7	1.56	1.53	99.4	3.2	1.035	1300	0.007	0.05	0.09	1.41

100.0C	102.00	410097	CORE_HALF	615.01	56.4	1.43	3.59	92.3	5.1	0.989	1200	0.011	0.07	0.1	3.74
102.0C	104.00	410098	CORE_HALF	1823.25	152.1	1.6	6.19	76	1.8	2.009	1200	0.012	0.07	0.12	3.93
104.0C	106.00	410099	CORE_HALF	727.89	54	1.54	2.62	131.3	0.7	0.825	600	-0.005	0.03	0.07	2.94
106.0C	108.00	410100	CORE_HALF	1144.31	107.4	3.6	3.52	200	1.2	0.705	1000	0.018	0.25	0.13	3.44
108.0C	110.00	410101	CORE_HALF	1924.67	206.6	1.98	3.15	131.1	1.3	1.064	1100	0.009	0.16	0.14	3.94
110.0C	112.00	410102	CORE_HALF	1969.26	271.9	1.39	1.76	102.2	2.4	1.141	1100	0.022	0.15	0.13	3.61
112.0C	114.00	410103	CORE_HALF	1731.49	182	2.02	2.04	83.2	2.7	0.824	1100	0.018	0.22	0.11	3.91
114.0C	116.00	410104	CORE_HALF	4116.72	1427.2	1.2	2.74	71.1	1.1	1.542	1400	0.021	0.57	0.14	3.03
116.0C	118.00	410105	CORE_HALF	4115.09	875.7	1.71	58.5	52.4	1.4	1.358	900	0.016	0.17	0.13	3.03
118.0C	120.00	410106	CORE_HALF	5760.46	1002.5	1.06	1.64	105.6	0.8	2.13	500	0.021	0.29	2.81	2.9
120.0C	122.00	410107	CORE_HALF	11290	2940.1	1.5	1.74	58.9	1.3	3.818	900	0.053	0.22	0.13	2.62
122.0C	124.00	410108	CORE_HALF	4322.19	769.6	3.42	1.29	35.4	1.1	1.039	700	0.016	0.16	0.13	2.8
124.0C	126.00	410109	CORE_HALF	5506.01	1387.9	2.33	1.55	54.3	1.4	1.685	700	0.014	0.17	0.13	2.6
126.0C	128.00	410111	CORE_HALF	4580.35	2144.1	1.19	1.42	57.1	0.8	2.443	600	0.016	0.11	0.13	2.58
128.0C	130.00	410112	CORE_HALF	2690.74	662.8	2.44	1.41	56.7	2.6	1.213	1000	0.017	0.26	0.11	3.11
130.0C	132.00	410113	CORE_HALF	1705.79	318.7	1.2	1.99	81.9	1.7	0.751	700	0.016	0.17	0.1	2.36
132.0C	133.00	410114	CORE_HALF	10630	2036.6	1.3	3.7	83.9	2	4.228	500	0.027	0.2	0.14	2.33
133.0C	134.00	410115	CORE_HALF	37740	11198.3	0.71	3.73	94.1	4.2	15.504	600	0.081	0.4	0.3	4.4
134.0C	135.00	410116	CORE_HALF	29890	8100.5	0.88	3.13	105.8	2.2	10.549	600	0.057	0.36	0.27	4.5
135.0C	137.00	410117	CORE_HALF	2392.72	323.9	2.05	3.88	111.1	0.9	1.196	600	0.009	0.1	0.07	1.54
137.0C	139.00	410118	CORE_HALF	5573.85	1363.6	1.39	2.75	75.3	1.7	2.402	600	0.018	0.24	0.16	3.15
139.0C	141.00	410119	CORE_HALF	6672.86	1443.9	1.61	2.27	100.5	1.7	3.022	600	0.037	0.23	0.12	2.74
141.0C	143.00	410120	CORE_HALF	2847.1	285	2.17	1.23	36.9	1.4	1.229	1100	0.01	0.14	0.11	3.78
143.0C	145.00	410121	CORE_HALF	2869	648.5	0.75	0.9	44.1	1.4	1.328	1000	0.025	0.33	0.1	3.64
145.0C	147.00	410122	CORE_HALF	2809.15	424.1	0.98	1.06	43.8	0.5	1.221	600	0.027	0.22	0.07	2.47
147.0C	149.00	410123	CORE_HALF	1509.04	123.1	1.69	0.8	31	0.8	0.587	700	0.008	0.08	0.07	4.1
149.0C	151.00	410124	CORE_HALF	4680.23	429.3	1.31	0.78	36.5	0.7	1.647	1000	0.015	0.41	0.12	4.94
151.0C	153.00	410125	CORE_HALF	3773.91	315.4	5.36	0.86	41.9	0.9	1.306	1100	0.024	0.14	0.09	2.82
153.0C	155.00	410126	CORE_HALF	2665.36	128.1	1.44	0.92	48.9	1	0.847	1000	0.017	0.1	0.07	3.75
155.0C	157.00	410127	CORE_HALF	2714.72	316.8	1.3	0.57	29.4	0.9	1.092	1000	0.012	0.18	0.06	4.48
157.0C	159.00	410128	CORE_HALF	3935.52	211.1	1.21	0.9	39.5	1.2	1.043	1000	0.026	0.19	0.06	3.74
159.0C	161.00	410129	CORE_HALF	3230.45	125.1	1.83	0.93	60.9	1.2	0.929	700	0.028	0.1	0.08	3.09
161.0C	163.00	410131	CORE_HALF	2571.71	134.6	1.04	0.77	44.3	1.5	0.798	1100	0.021	0.13	0.05	3.43
163.0C	165.00	410132	CORE_HALF	1689.9	59.9	0.99	1.92	54.1	1.2	0.763	1000	0.023	0.05	0.06	3.32
165.0C	167.00	410133	CORE_HALF	2078.86	65.8	1.67	0.65	39.6	1.3	0.562	900	0.007	0.09	0.05	3.5
167.0C	168.00	410134	CORE_HALF	2622.89	101.5	2.39	0.72	56.8	2	1.105	900	0.017	0.17	0.08	3.68
168.0C	169.00	410135	CORE_HALF	2253.6	272.3	6.33	0.8	27.1	1	0.634	700	0.01	0.06	0.04	3.95

169.0C	170.00	410136	CORE_HALF	5226.6	268.1	19.1	0.61	33.2	1.2	0.911	500	0.023	0.09	0.06	3.11
170.0C	172.00	410137	CORE_HALF	1882.94	69.9	13.31	1.1	56.1	1.2	0.619	500	0.018	0.05	0.09	3.01
172.0C	174.00	410138	CORE_HALF	851.52	54.4	2.42	0.73	53.9	1.8	0.354	800	0.007	0.08	0.08	2.66
174.0C	175.50	410139	CORE_HALF	51.36	33.2	0.88	6.18	56	2.5	0.264	1500	0.05	0.04	0.22	0.46
175.5C	177.00	410140	CORE_HALF	1081.7	78.5	4.25	0.97	41.9	1.6	0.695	1100	-0.005	0.15	0.05	4.97
177.0C	179.00	410141	CORE_HALF	1461.34	103	4.09	0.78	35.4	1.6	0.738	1400	-0.005	0.09	0.05	4.1
179.0C	181.00	410142	CORE_HALF	2876.23	234.9	4.61	0.56	40.6	1.3	1.296	1200	0.012	0.15	0.07	3.91
181.0C	183.00	410143	CORE_HALF	2234.97	262.7	1.06	0.46	49.4	1.1	1.012	1100	0.007	0.11	0.14	3.28
183.0C	185.00	410144	CORE_HALF	706.68	118.6	1.2	0.91	51.3	0.9	0.34	1200	0.013	0.12	0.11	2.68
185.0C	187.00	410145	CORE_HALF	1584.47	263.9	0.89	1.16	55.4	2	0.663	1000	0.019	0.16	0.26	3.08
187.0C	189.00	410146	CORE_HALF	608.01	115.8	0.65	0.52	48.5	0.8	0.251	1100	0.01	0.08	0.12	2.55
189.0C	191.00	410147	CORE_HALF	2261.89	253.2	1.13	0.65	56	1	0.946	900	0.018	0.13	0.05	2.08
191.0C	193.00	410148	CORE_HALF	1841.35	365	1	0.57	53.4	1.9	0.599	1200	0.018	0.19	0.06	2.54
193.0C	195.00	410149	CORE_HALF	381.69	103.1	1.05	0.58	55.4	1.8	0.194	1300	0.01	0.28	0.16	3.03
195.0C	197.00	410151	CORE_HALF	856.42	141.8	0.77	0.57	46	1.9	0.46	1200	0.007	0.15	0.05	4.5
197.0C	199.00	410152	CORE_HALF	554.86	136.9	0.73	0.61	37.5	2	0.402	1300	0.016	0.33	0.05	3.49
199.0C	201.00	410153	CORE_HALF	1863.36	315	0.94	0.7	54.1	2.1	1.073	1000	0.018	0.06	0.06	3.15
201.0C	203.00	410154	CORE_HALF	1900.59	356.3	1.15	0.82	56.8	2.5	0.917	1000	0.024	0.09	0.07	2.3
203.0C	205.00	410155	CORE_HALF	1325.69	162.5	1.38	1.27	50	0.7	0.646	900	0.017	0.06	0.06	2.56
205.0C	207.00	410156	CORE_HALF	2547.37	1693.6	6.37	1.62	47.9	0.9	1.907	800	0.032	0.34	0.08	3.61
207.0C	209.00	410157	CORE_HALF	2644.31	347.8	0.72	1.34	78.9	1.2	1	900	0.01	0.1	0.12	1.61
209.0C	211.00	410158	CORE_HALF	2030.19	361.5	0.84	1.92	80.6	2	0.821	800	0.008	0.12	0.12	2.02
211.0C	212.00	410159	CORE_HALF	2980.56	598.7	7.6	2.51	63.7	2.6	3.197	1000	0.014	0.23	0.12	2.75
212.0C	213.00	410160	CORE_HALF	1465.78	432.8	1.14	2.06	58.4	4.1	1.073	1000	0.006	0.42	0.1	2.47
213.0C	214.00	410161	CORE_HALF	1905.4	458.9	93.07	1.68	58.2	0.7	1.044	1000	0.005	0.14	0.08	1.12
214.0C	216.00	410162	CORE_HALF	1691.73	472.5	3.39	1.72	48.9	0.5	1.948	900	0.006	0.2	0.12	1.56
216.0C	218.00	410163	CORE_HALF	984.85	827.4	7.03	1.9	84.4	0.6	3.32	2800	0.005	0.34	0.13	1.93
218.0C	220.00	410164	CORE_HALF	1309.36	159.6	129.03	1.26	105.8	0.3	1.303	1000	0.007	0.15	0.08	1.39
220.0C	222.00	410165	CORE_HALF	2504.41	513.5	40.49	1.68	110.1	1.1	2.669	1200	0.008	0.25	0.13	1.86
222.0C	223.00	410166	CORE_HALF	2650.09	894.7	1.43	1.37	97.3	0.7	3.206	700	-0.005	0.25	0.12	1.69
223.0C	224.00	410167	CORE_HALF	721.76	4719.2	2.86	5.31	40.8	3.4	20.825	2100	0.048	1.64	0.2	5.35
224.0C	225.20	410168	CORE_HALF	63.61	3216.4	4.79	1.64	7.7	3	12.879	1300	0.025	0.64	0.13	3.65
225.2C	227.00	410169	CORE_HALF	740.5	683.8	2.05	3.7	31.3	2.1	3.629	2300	-0.005	0.58	0.18	4.14
227.0C	228.00	410171	CORE_HALF	1017.22	804.3	116.32	2.72	48.5	0.6	3.732	1500	0.007	0.42	0.08	3.79
228.0C	229.00	410172	CORE_HALF	1071.08	342.6	48.12	2.43	61.1	0.3	1.921	1200	-0.005	0.3	0.17	3.17
229.0C	230.00	410173	CORE_HALF	2107.66	656	1.58	1.76	60.2	1.7	3.276	1300	-0.005	0.49	0.14	2.62
230.0C	231.00	410174	CORE_HALF	1084.32	150.7	0.67	1.47	54.1	0.2	1.119	1300	-0.005	0.09	0.11	1.6

231.0C	232.00	410175	CORE_HALF	2334.18	329	0.82	2.5	46.6	0.9	2.173	1600	0.006	0.28	0.18	3.8
232.0C	234.00	410176	CORE_HALF	1339.9	240.5	3.19	1.93	57.6	0.2	1.333	1400	-0.005	0.2	0.16	2.43
234.0C	236.00	410177	CORE_HALF	1734.54	289.9	1.5	1.82	48.4	-0.1	1.776	1700	-0.005	0.18	0.15	2.41
236.0C	237.00	410178	CORE_HALF	2528.55	409	3.99	1.76	30.5	0.3	2.295	1700	-0.005	0.19	0.15	2.79
237.0C	238.30	410179	CORE_HALF	679.09	1066	11.2	3.25	65.4	1.4	4.413	1400	0.007	0.76	0.15	4.94
238.3C	239.80	410180	CORE_HALF	1085.86	10740.7	2.7	0.99	3	0.5	42.134	500	0.037	2.22	0.09	1.31
239.8C	241.00	410181	CORE_HALF	411.73	218.4	7.11	2.17	18.1	1.6	1.377	2000	-0.005	0.35	0.15	2.83
241.0C	243.00	410182	CORE_HALF	257.4	253.9	3.08	2.2	22.9	0.9	1.663	2200	-0.005	0.27	0.1	1.88
243.0C	245.00	410183	CORE_HALF	282.89	190.2	2.64	2.18	20.8	1.6	1.818	2000	-0.005	0.27	0.13	2.92
245.0C	247.00	410184	CORE_HALF	361.84	219.2	1.28	1.97	38.6	0.5	1.613	2200	0.018	0.18	0.15	2.51
247.0C	248.00	410185	CORE_HALF	362.61	268.2	0.76	3.47	63.3	0.8	2.106	2000	0.012	1.11	0.2	5.45
248.0C	249.10	410186	CORE_HALF	456.9	438.4	6.55	6.08	66.8	3.8	3.033	1700	0.01	2.34	1.42	6.07
249.1C	251.00	410187	CORE_HALF	380.78	207.4	0.88	2.85	26.1	0.6	0.831	2300	0.021	0.38	0.11	4.06
251.0C	253.00	410188	CORE_HALF	509.1	185.5	1	2.08	28.8	0.6	0.609	2000	0.009	0.19	0.14	1.95
253.0C	255.00	410189	CORE_HALF	650.52	158.3	0.87	1.27	50	0.9	0.503	1500	-0.005	0.09	0.1	1.02
255.0C	257.00	410191	CORE_HALF	524.64	309.9	1.09	1.75	54.8	0.5	0.476	1700	0.008	0.2	0.07	1.69
257.0C	259.00	410192	CORE_HALF	515.21	173.4	17.21	1.25	44.9	1.2	0.585	1000	-0.005	0.28	0.06	2.38
259.0C	261.00	410193	CORE_HALF	200.55	40.9	6.88	0.91	44.4	0.8	0.16	1000	-0.005	0.11	0.04	1.39
261.0C	263.00	410194	CORE_HALF	288.65	42.5	11.63	0.91	36.6	1.1	0.237	900	-0.005	0.13	0.06	1.5
263.0C	265.00	410195	CORE_HALF	458.55	62.8	15.43	0.85	39.4	0.7	0.375	1100	-0.005	0.07	0.07	1.34
265.0C	267.00	410196	CORE_HALF	34.27	23.7	0.4	0.61	74	0.5	0.031	1900	-0.005	-0.02	0.08	0.1
267.0C	269.00	410197	CORE_HALF	126.55	276.7	0.64	0.84	319.8	0.8	0.152	2000	0.015	-0.02	0.08	0.14
269.0C	271.00	410198	CORE_HALF	52.67	40.2	0.55	0.85	111.6	0.6	0.05	2100	-0.005	-0.02	0.1	0.13
271.0C	273.00	410199	CORE_HALF	362.44	133.6	15.19	0.81	46	0.6	0.306	1000	-0.005	0.06	0.05	2.1
273.0C	275.00	410200	CORE_HALF	290.26	59.9	0.69	0.69	45.1	1	0.203	1900	-0.005	0.02	0.05	0.94
275.0C	277.00	410201	CORE_HALF	1505.58	309.9	38.92	0.66	40.3	1	0.929	1200	-0.005	0.2	0.09	2.1
277.0C	279.00	410202	CORE_HALF	1189.27	352.7	0.77	0.91	40.2	2.3	0.753	700	-0.005	0.23	0.08	1.24
279.0C	281.00	410203	CORE_HALF	817.82	123.8	0.71	0.79	62.9	0.9	0.381	700	-0.005	0.05	0.08	0.35
281.0C	283.00	410204	CORE_HALF	960.28	213.9	1.03	0.47	81.9	1.4	0.566	800	-0.005	0.06	0.07	0.58
283.0C	285.00	410205	CORE_HALF	765.96	174.9	1.26	0.55	74.1	1.7	0.403	1100	-0.005	0.04	0.06	0.63
285.0C	287.00	410206	CORE_HALF	1174.76	175.4	3.15	0.7	62.2	0.4	0.673	800	-0.005	0.03	0.06	0.69
287.0C	289.00	410207	CORE_HALF	639.43	162.8	0.62	0.36	53.3	0.8	0.383	800	-0.005	0.03	0.05	0.92
289.0C	291.00	410208	CORE_HALF	680.86	140.9	0.82	0.54	64.9	0.7	0.432	800	-0.005	0.02	0.05	0.62
291.0C	293.00	410209	CORE_HALF	536.47	153.6	0.33	0.6	62.3	0.5	0.317	800	-0.005	0.02	0.08	0.28
293.0C	295.00	410211	CORE_HALF	672.34	193.8	0.62	1.01	55.6	0.7	0.499	800	0.007	0.07	0.08	1.32
295.0C	297.00	410212	CORE_HALF	703.46	156.9	0.73	0.98	68	1.1	0.428	500	-0.005	0.08	0.09	0.59
297.0C	299.00	410213	CORE_HALF	582.03	237.8	0.53	0.87	79.2	1	0.257	300	-0.005	0.04	0.08	0.39

299.0C	301.00	410214	CORE_HALF	449.1	117.8	0.27	0.88	99.1	0.4	0.327	400	-0.005	0.04	0.08	0.4
301.0C	303.00	410215	CORE_HALF	501.97	95.8	0.95	1.83	71.6	0.4	0.348	1200	-0.005	0.05	0.05	0.44
303.0C	305.00	410216	CORE_HALF	861.73	160.2	0.66	1.52	80.2	0.5	0.535	800	-0.005	0.07	0.05	0.31
305.0C	307.00	410217	CORE_HALF	1205.78	283.5	0.63	1.97	74.6	4.9	0.789	800	-0.005	0.39	0.11	2.09
307.0C	309.00	410218	CORE_HALF	978.62	205.5	0.51	1.54	93.9	2.3	0.554	500	-0.005	0.16	0.1	1.56
309.0C	311.00	410219	CORE_HALF	576.93	152.7	0.28	1.14	72.1	0.4	0.31	400	-0.005	0.04	0.08	0.45
311.0C	313.00	410220	CORE_HALF	501.85	80.6	1.5	1	57.9	0.6	0.294	400	-0.005	0.04	0.1	1.02
313.0C	315.00	410221	CORE_HALF	263.14	43.2	0.99	1.28	39.8	1	0.156	600	-0.005	0.04	0.06	0.6
315.0C	317.00	410222	CORE_HALF	911.17	102.9	1.43	1.13	40.8	0.7	0.531	600	-0.005	0.07	0.07	0.83
317.0C	319.00	410223	CORE_HALF	625.59	175.1	2.06	4.22	46.7	1.2	0.919	1000	-0.005	0.08	0.13	2.01
319.0C	321.00	410224	CORE_HALF	1223.84	299.4	1.47	2.09	35.9	1.5	0.803	700	-0.005	0.09	0.09	1.42
321.0C	323.00	410225	CORE_HALF	2864.79	802.5	0.7	1.7	47.8	4.2	1.499	800	0.005	0.38	0.16	2.59
323.0C	325.37	410226	CORE_HALF	3305.06	1724.4	1	2.82	50.9	7.5	1.798	400	-0.005	0.52	0.16	2.1

Geoinformatics Exploration Inc

GEOINFORMATICS EXPLORATION DRILL HOLE LOG

KL06_31

Collar

Hole ID	KL06_31	*Hole type*	DD		*Drilling company*		*Grid ID*	NAD83_UTM_09			
DataSet	GXL_KLIYUL_2006	*Depth*	426.11	m	*Geologist*		*Easting*	676520.00	*RL*	1775.00	m
Prospect	Kliyul	*Commenced*	30/08/2006		*Survey Method*		*Northing*	6265954.00			
Tenement		*Completed*	05/09/2006		*Notes*						

Survey

At		Azimuth	AzimuthID	Dip	Method	Comments
41.45	m	224.6	NAD83_UTM	-71.4	CAMERA	
102.41	m	218.7	NAD83_UTM	-71.6	CAMERA	
163.37	m	207.9	NAD83_UTM	-71.1	CAMERA	
224.33	m	216.7	NAD83_UTM	-71.1	CAMERA	
285.29	m	208.0	NAD83_UTM	-71.2	CAMERA	
346.25	m	201.4	NAD83_UTM	-71.1	CAMERA	
407.21	m	219.8	NAD83_UTM	-71.0	CAMERA	

Lithology

Logged by: Mclean_Trott

		Lith 1						Lith 2						
From	To m	Code	GSize	Qual	Text1	Text2	%	Code	GSize	Qual	Text1	Text2	%	Comments
0.00	13.72	CASE					100							
13.72	70.26	XSH	F	cl	fo	eq	100							
70.26	73.90	VIOP	C	cl	pp		100							
73.90	90.28	XSH	F	cl	fo	eq	100							
90.28	97.12	VIO	M	cl	cr		100							
97.12	99.26	VIB	F	cl	cr	eq	100							
99.26	170.55	XSH	F	cl	fo		100							
170.55	171.32	III	M	cl	cr	eq	100							
171.32	180.05	XSH	F	cl	fo		100							
180.05	205.04	IIO	M	cl	cr		100							
205.04	224.66	VIO	F	cl	cr		100							
224.66	238.83	XSH	F	cl	fo		100							

238.83	293.88	VIO	F	cl	cr		100
293.88	335.40	XSH	F	cl	cr		100
335.40	346.91	III	M	cl	cr	eq	100
346.91	374.78	IIO	M	cl	cr		100
374.78	391.56	IIP	F	cl	pp		100
391.56	426.11	VIO	F	cl	cr		100

Lithology

Logged by: Mclean_Trott

From	To m	Description
0.00	13.72	
13.72	70.26	Chloritic schist- Interval is extremely chloritic, schistose rock, generally very crumbly and non-cohesive. Chloritization has obliterated primary textures/structures to the extent wh determination of protolith becomes problematic, however, this interval is likely dominated by volcanic/volcaniclastic intermediate rocks (altered andesites). For the purposes of th log, rocks of this nature, wherein relict textures/structures are not observed will be classified as chloritic schists, regardless of the actual schistosity of the rock (degree of develop of schistosity will be noted). Where relict features are observed, an attempt will be made to classify the lithology based on protolith, as "chloritic schist" is rather generic.
70.26	73.90	Plagioclase-porphyritic intermediate volcanics- Interval is also highly chloritized- however, relict plagioclase phenocrysts may still be observed (although corroded).
73.90	90.28	Chloritic schist- Interval is extremely chloritic, schistose rock, generally very crumbly and non-cohesive. Chloritization has obliterated primary textures/structures to the extent wh determination of protolith becomes problematic, however, this interval is likely dominated by volcanic/volcaniclastic intermediate rocks (altered andesites).
90.28	97.12	Intermediate volcanic rock- Interval is strongly chloritized. Grain size appears to be significantly larger than the overlying schist, although grain boundaries are indistinct. Two possibilities for protolith exist for this rock: fine-grained, shallow-level intrusive intermediate rock, or porphyritic intermediate volcanic rock. Relict textures are subtle, but suggest plagioclase-porphyritic volcanic rock. This conclusion, however, is far from definitive and may be subject to interpretation. Lower portion of the interval grades back into chloritic with a well-developed fabric.
97.12	99.26	Basaltic andesite- Rock is dark olive green, darker than surrounding schist, and displays weak to nonexistent fabric. Fine-grained, equigranular rock with relatively commonplac calcite veining.
99.26	170.55	Chloritic schist- Interval has been strongly chloritized, obliterating primary textures/structures. A moderately developed fabric is ubiquitous, although subtle in some portions, esp where protolith resembles the "basaltic andesite" described above. Local areas of sericitic overprint- greyish white rock as opposed to pale blue-green chloritic material. Possibl pegmatite dykelet observed from 152.61 to 152.97 m depth. This feature is pre-metamorphic, and consists of large, irregular masses of k-feldspar and quartz, with subordinate plagioclase.
170.55	171.32	Monzodiorite- Interval has a relict igneous texture. Appears to be pre-metamorphic, although less affected by the metamorphism than adjacent volcaniclastics (chloritic schist). I is pale greenish-white, dominated by felsic minerals with evenly distributed flecks of chlorite throughout (retrograded from hornblende?). Monzodiorite is a tentative classification
171.32	180.05	Chloritic schist- As described previously. Possible relict plag-phyric textures observed, suggestive of porphyritic andesite flows as protolith.
180.05	205.04	Intermediate intrusive rock (diorite?)- Similar to overlying chloritic schist, however, is less chloritized and possesses a weak to nonexistent fabric (more resistant to metamorphis Relict igneous textures seen commonly. Local areas of more intense alteration.
205.04	224.66	Intermediate volcanic rock- Interval is aggressively chloritized. A subtle fabric is present locally, created by alignment of relict plagioclase phenocrysts (flow alignment?). Rock i generally fine-grained, with very subtle relict textures. Protolith is questionable, and may not necessarily be volcanic. An interesting feature of this interval is the abundance of qu fragments, containing a strong lineation imparted by banding of fine-grained magnetite. These quartz fragments are truncated and offset extensively. They may represent very e quartz veins with rhythmic banding, or possibly be fragments of meta-sandstone, torn up and included by an intermediate volcanic flow. The first hypothesis is most likely (early c veins).
224.66	238.83	Chloritic schist- An extremely heterogeneous interval, with well-developed fabric throughout (locally intense). Rocks are dominantly chloritic, although sericitic overprint is obser commonly.
238.83	293.88	Intermediate volcanic rock (?)- Strongly chloritic, with weak to absent fabric. Protolith is questionable, due to lack of relict textures/structures. Local zones of pale, sericitic (QSF material. Occasional subtle fabric.
293.88	335.40	Chloritic schist- Rock is chloritic. Schistosity is weak to nonexistent although the rock is classified as such to indicate that protolith is very much indeterminate (little or no relict textures/structures preserved). Fine grained nature of interval suggests a volcanic/volcaniclastic origin, although this conclusion is not definitive. Epidote fracture veining relative commonplace. Sericite notably absent.

335.40	346.91	Monzodiorite- Interval has a relict igneous texture. Appears to be pre-metamorphic, although less affected by the metamorphism than adjacent volcaniclastics (chloritic schist). I is pale greenish-white, dominated by felsic minerals with evenly distributed euhedral hornblende crystals throughout, generally retrograded almost completely to chlorite. Monzo a tentative classification.
346.91	374.78	Intermediate intrusive rock (diorite?)- Altered to a greater extent than overlying monzodiorite. Relict igneous textures seen commonly. Fabric is weak to nonexistent.
374.78	391.56	Porphyritic intermediate intrusive- Interval is weakly altered, preserving clear-cut relict textures. Strongly plagioclase porphyritic, although locally the plagioclase phenocrysts ha altered entirely to epidote. Porphyritic texture becomes more subtle towards the lower contact of the interval, with phenocrysts becoming hazy, rounded.
391.56	426.11	Intermediate volcanic rocks- Heterogeneous interval, likely dominated by volcanic rocks but containing possible intermediate intrusive rocks as well. Local zones of sericitically overprinted material (QSP).

Alteration

From	*To m*	*Total Int.*	*Alt1*	*Style*	*Int.*	*Alt2*	*Style*	*Int.*	*Alt3*	*Style*	*Int.*	*Comments*
13.72	44.95	STG	CH	pv	STG	CN	ff	WK				Dominant alteration style in this interval is pervasive chlorite- protolith has been extensi chloritized. Lesser amounts of calcite are present, as fracture fill/veinlets.
44.95	48.75	STG	CH	pv	STG	EZ	fsel	MOD	CN	ff	WK	Alteration in this interval is similar to the overlying interval; however, epidote is now present, coating fractures. Calcite is still present as fracture-fill, but also locally disseminated through the rock.
48.75	69.22	STG	CH	pv	STG	SR	pv	WK				Alteration seen is similar to overlying alteration. Protolith has been pervasively chloritiz Epidote is generally absent in this interval, except in rare fractures. Calcite is rare to absent. Narrow, localized patches of pale, greyish-white sericitic-altered material prese
69.22	69.80	STG	SR	pv	STG	CH	pv	WK				Pervasive chloritic alteration has been overprinted by pervasive sericite. Interval has a greyish-white hue.
69.80	73.90	MOD	CH	pv	MOD	CN	diss	WK				Interval appears to be altered to a lesser extent than the overlying rock. Relict textures preserved somewhat. Carbonate (calcite) is commonplace, disseminated throughout, possibly replacing plagioclase phenocrysts.
73.90	90.28	STG	CH	pv	STG	SR	pv	WK	CN	ff	TR	Protolith has been pervasively chloritized. Epidote is generally absent in this interval. Calcite is rare, seen locally as veinlets. Narrow, localized patches of pale, greyish-white sericitic-altered material present (overprint).
90.28	97.12	MOD	CH	pv	MOD	CN	diss	TR				Interval appears to be altered to a lesser extent. Relict textures are preserved somewh Carbonate (calcite) is observed, disseminated throughout the upper portion of the interv
97.12	99.26	MOD	CN	vsel	MOD	CH	pv	WK	MT	diss	WK	Interval is relatively weakly altered. Chloritization has progressed to a lesser extent. Fabric is weak to nonexistent. The most definitive alteration observed is wispy, irregula calcite veinlets. Interval is weakly magnetic (disseminated magnetite).
99.26	102.01	STG	SR	pv	STG	CH	pv	MOD	CN	vsel	WK	Interval is dominated by pale greyish-white sericitic material with accessory pyrite (phylli alteration? QSP?) overprinting chloritic alteration. Chloritic alteration is locally preserve Minor carbonate present.
102.01	104.97	STG	CH	pv	STG	EZ	vsel	WK	GP	vsel	TR	Interval is characterized by small amounts of epidote veinlets, and by the appearance o small amounts of gypsum veinlets.
104.97	108.00	STG	CN	vsel	MOD	CH	pv	MOD				Calcite veinlets are most characteristic of this interval.
108.00	112.55	STG	CH	pv	STG	EZ	vsel	WK	MT	vsel	TR	Interval is characterized by small amounts of epidote veinlets, and by the appearance o small amounts of magnetite veinlets.
112.55	122.33	STG	CH	pv	STG	GP	vsel	WK	MT	vsel	WK	Interval contains both gypsum and magnetite veinlets.
122.33	123.58	STG	SR	pv	STG	CH	pv	WK				Sericite-overprinted interval. Residual chlorite seen locally. The lower half of the interv is distinctly different, featuring an unusual texture, possibly resulting from deformation o coarse grained intrusive.
123.58	148.35	STG	CH	pv	STG	GP	vsel	WK	MT	vsel	WK	Interval contains both gypsum and magnetite veinlets in low concentrations. Strongly chloritized rock, moderate to well developed fabric.
148.35	152.61	STG	SR	pv	STG	CH	pv	MOD				Similar alteration to overlying interval, except sericitically overprinted to varying degrees
152.61	177.00	STG	CH	pv	STG	GP	vsel	WK				Dominant alteration style in this interval is pervasive chlorite- protolith has been extensi chloritized. Lesser amounts of calcite and gypsum are present, as fracture fill/veinlets.
177.00	178.03	STG	CH	pv	STG	GP	vsel	STG				Interval characterized by thick veins of gypsum.

178.03	195.60	MOD	CH	pv	MOD	CN	vsel	WK	MT	vsel	TR	Chloritization in this interval appears less extensive than in overlying rock.
195.60	197.30	STG	SR	pv	STG	GP	vsel	STG	CN	vsel	MOD	Interval is sericitized pervasively, centred on several irregular veins containing quartz, calcite, and brownish-pink gypsum.
197.30	201.20	STG	CH	pv	STG	MT	vsel	MOD				Pervasively chloritic interval. Thick magnetite veins present.
201.20	209.10	STG	SR	pv	MOD	CH	pv	MOD				Interval of pervasive chlorite overprinted irregularly by sericitic alteration (phyllic).
209.10	224.66	STG	CH	pv	STG	MT	vsel	WK				Strongly chloritized rock. Weak to nonexistent fabric. Magnetite present.
224.66	238.83	STG	SR	pv	STG	CH	pv	STG				Highly altered sequence of rocks, featuring pervasive chlorite with common sericitic overprint. Chlorite locally has a different hue, almost aquamarine in colour (fuchsite?--chromium).
238.83	247.83	MOD	CH	pv	MOD							Pervasive chlorite- somewhat weaker than overlying interval. Other types of alteration seen locally.
247.83	253.44	STG	SR	pv	STG							Pale tan to greyish-white sericitically overprinted rock. Little pyrite present. Magnetite absent (magnetite-destructive alteration). Rare, local gypsum veinlets.
253.44	277.33	STG	CH	pv	STG	CN	fsel	WK	SR	pv	TR	Pervasively chloritized interval. Common calcitic microfractures. Local patches of seric (QSP) material.
277.33	279.65	STG	SR	pv	STG	GP	vsel	MOD				Sericitic (QSP) zone. Hosts best copper mineralization seen in this drillhole, in the form what appears to be early quartz, and as remobilizations in late gypsum.
279.65	335.40	STG	CH	pv	MOD	EZ	vsel	MOD	CN	vsel	WK	Interval is pervasively chloritized. Thin, anastomozing epidote veinlets are ubiquitous, although variable. Carbonate microveining common. Local gypsum.
335.40	346.91	MOD	CH	rep	MOD	CN	fsel	WK				Unit altered to a lesser degree (less reactive primary lithology). Primary mafic minerals (hornblende) have been reacted to chlorite, although crystallographically preserved. Mi carbonate microfractures.
346.91	374.78	STG	CH	pv	STG	CN	fsel	MOD	EZ	vsel	WK	Higher degree of alteration. Pervasive chloritization, accompanied by common calcitic microfractures (+/- quartz), as well as epidote veinlets. Local, restricted intersections of sericitic material containing abundant disseminated pyrite (QSP assemblage).
374.78	391.56	MOD	EZ	rep	MOD	CH	pv	TR	CN	fsel	WK	Most significant alteration style observed is epidote replacement of plagioclase phenocrysts.
391.56	407.60	MOD	CH	pv	MOD	EZ	vsel	WK	SR	pv	WK	Small amounts of epidote veining. Local quartz-sericite-pyrite-altered zones (QSP).
407.60	411.38	STG	SR	pv	STG							Strongly sericitized rock. Associated disseminated pyrite. (QSP).
411.38	422.93	STG	CH	pv	MOD	SR	pv	WK	EZ	vsel	TR	Interval of variable alteration. Dominantly chloritic. Epidote veining seen towards the bottom of the interval. Common calcitic microfractures
422.93	426.11	STG	SR	pv	STG							Sericitic (QSP) interval.

Veining

From	To m	Vein1	Style	Int.	Av. thick (mm)	Av. Angle	Vein2	Style	Int.	Av. thick (mm)	Av. Angle	Vein3	Style	Int.	Av. thick (mm)	Av. Angle	Comments
13.72	90.28	ZVC	FRV	2	0.4				2								Interval is dominated by calcite veinlets. Other vein types may be present in lesser amounts, but are difficult to detect due to the rubbly nature of the core.
90.28	104.97	ZVO	FRV	3	0.6		ZVC	FRV	3	0.4		ZVO		1	0.4		Interval is characterized by the appearance of late gypsum +/- calcite veining. Local magnetite veinlets. Early pyrite veinlets observed. Minor epidote veinlets present in lower portion of interval (captured as alteration).
104.97	106.32	ZVC	WSP	5	0.5				5								Relatively high density of calcite veinlets seen. Little or no other vein types observed.

106.32	177.05	ZVC	FRV	2	0.3		ZVE	WSP	2	0.15	ZVO	FRV	2	0.35	Variably veined interval. Various combinations/permutations and densities of calcite, gypsum, epidote, and magnetite veins seen. Narrow veinlets/dykelets of what appears to be intergrowths o quartz and plagioclase are commonplace, especially toward the bottom of the interval (magmatic?).
177.05	178.03	ZVO	FRV	20	4	15			20						Small interval dominated by thick gypsum veins at a shallow angle to the core axis. Late.
178.03	195.60	ZVC	FRV	3	0.3		ZVE	WSP	3	0.2	ZVO				Weakly veined interval. Most common vein type is calcite.
195.60	197.30	ZVO	FRV	17	6				17						Interval is characterized by thick, irregular veins of gypsum, calcite, and quartz. Multiple vein phases along the same pathway? Gypsum is unusually brownish-red, rather than the usual greyish-white, semitransparent version (iron content?).
197.30	277.33	ZVQ	FRV	2.5	1.5		ZVO	FRV	2.5	0.8	ZVC		1.5	0.2	Variably veined interval. Most dominant vein type is quartz with lesser plagioclase +/- pyrite +/- chalcopyrite. These may, however, be magmatic rather than hydrothermal in nature. These veins are seen in a wide range of orientations and thicknesses. Also observed commonly are gypsum veinlets and calcite veinlets. There may be two phases of gypsum present- a late, semitransparent phase which seems to crosscut virtually everything, and an earlier, brownish-pink phase associated with quartz and calcite (timing difficult to assess on this phase). Abundant early quartz-magnetite veining.
277.33	279.65	ZVO	FRV	8	3		ZVQ	FRV	8	1.2					Strongly veined interval, dominated by late gypsum, locally hosting pyrite and chalcopyrite (remobilizate). Early quartz veins observed.
279.65	335.40	ZVE	WSP	2	0.2		ZVQ	FRV	2	0.8	ZVC		0.5	0.3	Most distinctive vein type observed in this interval is anastomozing, wispy epidote veinlets with local pyrite and/or chalcopyrite. Other vein types present to a lesser extent include: Early quartz-magnetite veins, calcitic fracture veinlets, and rare gypsum veinlets. Epidote veining appears to be rather late.
335.40	346.91	ZVC	FRV	0.8	0.2				0.8						Little veining present. Thin carbonate fracture veinlet present.
346.91	374.78	ZVE	WSP	1	0.25		ZVQ	FRV	1	0.8	ZVC	WSP	0.7	0.15	Greater abundance and more variety of veining seen. Magnetite and quartz-magnetite veining appears to b early, followed by variations of epidote veining. Carbonate veining appears to be late (?). Rare, local late gypsum veining.
374.78	426.11	ZVC	WSP	2	0.1		ZVE	WSP	2	0.2	ZVQ	FRV	1.5	0.8	Variably veined interval. Local intervals feature epidote veining.

Mineralisation Percent

From	To	CCP Diss	CCP Frac	CCP Vein	MAL Frac	PY Diss	PY Frac	PY Vein	PYOX Frac	Description
13.72	70.26	0.05				0.8				Interval is strongly pyritized. Little or no chalcopyrite observed. Strongest pyrite mineralization seems t coincide with more rubbled drillcore. Possible fine-grained galena observed at 19.7 m.
70.26	73.90									Weakly mineralized to nonmineralized interval. Core is more structurally intact than surrounding core a: well.
73.90	90.28	0.05				0.8				Interval is strongly pyritized. Little or no chalcopyrite observed. Strongest pyrite mineralization seems t coincide with more rubbled drillcore.
90.28	97.12					0.6				Interval of relatively intact core which is strongly pyrite mineralized, in the form of early pyritic veins and pyrite disseminations. Little or no chalcopyrite observed.
99.26	102.01					0.5				Moderately mineralized sericitic interval. Disseminated, fine-grained pyrite dominates. Lesser vein-hos pyrite, seen mainly in early quartz veinlets (very deformed, commonly truncated and cross-cut).
102.01	104.14					0.2				Dominant mineralization is vein-style pyrite, hosted mainly by early quartz veins. No chalcopyrite obser
108.00	112.55					0.2				Pyrite mineralization hosted mainly by thin, anastomozing, early epidote veinlets (crosscut by calcite veining).
112.55	114.12					0.2				Weakly mineralized zone.
114.12	117.60					0.2				Well mineralized interval. Significant chalcopyrite observed. The bulk of mineralization in this interval i: vein-hosted, generally in the form of early quartz veins, occasionally with associated magnetite.
117.60	138.15					0.2				Weakly, variably mineralized interval. The bulk of mineralization present is observed in several vein typ including quartz, quartz-epidote, and magnetite. These veins generally appear to be early.
138.15	201.20					0.2				Zone of stronger mineralization. Chalcopyrite is observed, in small quantities. Of possible interest is a small zone from 143.05 to 143.45 m, consisting of what appears to be deformed quartz and feldspar (ea felsic dyke material?), sheared together with chloritic host rocks, and hosting significant chalcopyrite. Virtually all mineralization observed tends to be centralized in early vein systems. Some minor amounts later mineralization are seen, likely representing sulphides remobilized from pre-existing veinlets, etc. However, the dominant mineralization is early in the post-depositional history of these rocks, and definit pre-metamorphic.
201.20	205.04					0.9				Strongly mineralized interval. Coincident with interval of sericitic alteration. Quartz-sericite-pyrite (QSP alteration assemblage? Mineralization also seen in microfractures.
205.04	207.74					0.3				interval of weaker mineralization. Dominant style is vein-hosted pyrite.
207.74	209.10					0.6				Zone of relatively strong mineralization, generally disseminated (QSP?). Strongest chalcopyrite is observed in quartz-plagioclase veinlets/dykelets.
209.10	212.90					0.1				Weak to barren mineralization. No chalcopyrite observed, minor pyrite.
212.90	224.95									Generally low-grade mineralization. Pyrite seen most commonly in microfractures (late?). Minor chalcopyrite found in quartz-feldspar veins. Increase in sulphide abundance towards the bottom of the interval.
224.95	238.83					0.7				Mineralization dominated by disseminated pyrite, coinciding with sericitic zones (QSP).
238.83	274.05									Low grade vein-style mineralization. Improved pyrite-chalcopyrite tenor.
274.05	279.65					0.44				Interval of strong copper mineralization. Dominant mineralization is vein-style, hosted by early quartz veining, or remobilized in late gypsum veins. Local QSP-style disseminations.
279.65	304.50					0.1				Weakly mineralized zone with good pyrite:copper tenor. Mineralization dominantly vein-hosted. Epidot veins mineralized locally.
304.50	307.05					0.3				Strongly pyrite mineralized interval. Chalcopyrite in trace amounts. The majority of mineralization is rel to epidote vein networks.
307.05	335.40					0.2				Mineralization dominated by epidote vein-hosted pyrite. Lesser chalcopyrite, also vein-hosted.
335.40	346.91					0.05				Nearly barren rock. Trace pyrite locally.

346.91	377.25	0.2	Moderately mineralized interval. Dominant mineralization style is vein-hosted, with local patches of qua sericite-pyrite alteration featuring disseminated pyrite. Mineralized vein styles include quartz, magnetite and epidote.
391.56	398.70	0.25	Moderately mineralized interval. Dominantly vein-hosted pyrite. Local, restricted QSP.
398.70	400.25	0.8	Abundant disseminated pyrite. Local quartz veins with chalcopyrite. Quartz-sericite-pyrite assemblage (QSP).
400.25	407.60	0.25	Moderately mineralized interval. Dominantly vein-hosted pyrite. Local, restricted QSP.
407.60	411.38	0.8	Abundant disseminated pyrite. Local quartz veins with chalcopyrite. Quartz-sericite-pyrite assemblage (QSP).
411.38	422.93	0.25	Moderately mineralized interval. Dominantly vein-hosted pyrite. Local, restricted QSP.
422.93	426.11	0.8	Abundant disseminated pyrite. Local quartz veins with chalcopyrite. Quartz-sericite-pyrite assemblage (QSP).

Structure

From	*To m*	*Struct 1*	*Int.*	*Angle*	*Struct 2*	*Int.*	*Angle*	*Struct 3*	*Int.*	*Angle*	*Description*
13.72	38.80	ZRO	INT								Core is rubbled almost to a gravelly consistency.
38.80	44.93	ZRO	STG								Core is strongly rubbled, with local portions of better-preserved material, although even these portions are calcite veined.
44.93	70.26	ZRO	INT								Core is rubbled almost to a gravelly consistency.
70.26	73.90	ZRO	STG								Core is more competent than surrounding rubble, although still fractured strongly.
73.90	90.28	ZRO	INT								Core is rubbled almost to a gravelly consistency.
90.28	164.01	ZRO	MOD								Structure in this interval is weak to moderate. Open fractures are much less commonplace tha in overlying intervals. Fracture veining commonplace.
164.01	167.34	ZRO	STG								Core is strongly rubbled, in comparison to overlying rocks. Fracture veining still commonplace.
167.34	171.05	ZRO	MOD								Structure in this interval is weak to moderate. Rare open fractures. Fracture veining commonplace.
171.05	171.90	ZFG	MOD								Local possible fault gouge observed. Clayey, finely ground material.
171.90	229.63	ZRO	MOD								Structure in this interval is weak to moderate. Rare open fractures. Fracture veining commonplace.
229.63	230.50	ZFG	MOD								Local possible fault gouge observed. Clayey, finely ground material.
230.50	238.83	SFS	STG								Locally strong fabric- ductile shearing?
238.83	322.25	ZRO	WK								Structure for this interval is fairly weak, consisting mainly of fracture veining with rare open fractures.
322.25	332.25	ZRO	MOD								Relatively high density of open fractures.
332.25	355.05	ZRO	WK								Structure for this interval is fairly weak, consisting mainly of fracture veining with rare open fractures.
355.05	357.10	ZRO	STG								Abundant open fractures. Core is approaching a rubbly state.
357.10	378.80	ZRO	MOD								Core is relatively intact, although commonly fracture-veined.
378.80	384.00	ZRO	STG								Rubbly core.
384.00	408.35	ZRO	MOD								Core is relatively intact, although commonly fracture-veined.
408.35	409.03	ZFG	STG								Possible fault gouge- clayey, ground rock.
409.03	417.27	ZRO	MOD								Core is relatively intact, although commonly fracture-veined.
417.27	417.49	ZRO	STG								"Cave"- rubble.
417.49	426.11	ZRO	MOD								Core is relatively intact, although commonly fracture-veined.

Point Structure

Depth m	Feature	Width	Alpha	Beta	Gamma	Dip/ Plunge	Dip/ Plunge Dir.	Reliability	Description
173.22	ZVS	2	43.0	355.0					Sulphide veinlet- pyrite with trace chalcopyrite. Hosted by early quartz vein.
173.89	ZVO	0.4	30.0	200.0					Late gypsum fracture veinlet.
177.82	ZVO	2.5	18.0	320.0					Thick, late gypsum vein.
178.87	ZVS	0.8	22.0	345.0					Early, undulose sulphide veinlet, pyrite-dominated. Associated with gypsum (later, deposited along the same fracture plane?).
186.12	ZVC	1	23.0	80.0					Relatively late calcite veinlet, with lesser associated chlorite- syn-metamorphic (?).
187.96	ZVC	0.2	30.0	100.0					Thin calcite veinlet with associated chlorite.
188.89	ZVO	0.8	53.0	75.0					Gypsum-chlorite-pyrite veinlet. Sericitic selvage. Similar vein 5 cm uphole. Multiple vein phas along the same pathway?
191.04	ZVQ	0.2	50.0	125.0					Quartz-magnetite veinlet. Nearby chalcopyrite, possibly associated. Truncated/offset by a calc veinlet.
200.21	ZVS	1.5	52.0	270.0					Quartz-pyrite vein. Crosscut by gypsum
200.56	ZVS	1.2	65.0	130.0					Quartz-pyrite-magnetite vein. Pyritic vein core.
202.99	ZVS	1.5	70.0	35.0					Quartz-pyrite vein.
204.30	ZVS	2.3	58.0	350.0					Quartz-pyrite vein.
207.43	ZVO	1	52.0	140.0					quartz-carbonate-pyrite vein with sericitic selvage. Cut by gypsum.
208.46	ZFG	0.8	25.0	293.0					Clayey fault gouge.
242.83	ZVQ	1.2	25.0	50.0					Quartz-pyrite vein.
245.56	ZVQ	2.3	35.0	20.0					Quartz-pyrite vein.
246.45	ZVO	0.3	45.0	5.0					Late gypsum fracture veinlet.
247.36	ZVO	3.5	30.0	340.0					Quartz-sericite-pyrite (QSP) zone.
250.58	ZVQ	0.4	50.0	355.0					Quartz veinlet with sericitic/bleached selvage.
251.59	ZVO	0.3	40.0	265.0					Open fracture with gypsum coating.
253.11	ZVQ	1.3	43.0	30.0					Quartz-plagioclase-pyrite veinlet/dykelet.
253.64	SFO	10	44.0	55.0					Subtle fabric.
255.61	SFO	10	40.0	55.0					Subtle fabric- imparted by alignment of narrow, parallel, quartz veinlets.
257.38	ZVO	0.8	20.0	355.0					Quartz-gypsum-pyrite veinlet.
259.45	ZVQ	3.4	45.0	140.0					Quartz-pyrite-gypsum. Multiple vein phases along a common conduit?
262.22	ZVQ	0.15	52.0	150.0					Narrow late quartz veinlet.
263.67	ZVQ	0.8	36.0	270.0					Quartz-chlorite-calcite veinlet. Multiphase?
265.26	ZVQ	0.3	30.0	140.0					Quartz-plagioclase-pyrite veinlet/dykelet.
265.63	ZVS	0.25	25.0	200.0					Pyrite-gypsum veinlet. Remobilized pyrite.
269.50	ZVO	0.8	40.0	40.0					Gypsum veinlet containing remobilized chalcopyrite.
272.48	ZVO	0.2	54.0	270.0					Narrow, early magnetite veinlet
274.24	ZVS	1.2	42.0	232.0					Pyrite-gypsum veinlet. Remobilized pyrite.
276.17	ZVC	0.3	45.0	50.0					Narrow calcite veinlet. Sericitic selvage.
276.90	ZVS	4.5	46.0	80.0					Sulphidic zone (QSP?).
279.15	ZVS	3	15.0	290.0					Zone with abundant chalcopyrite. Sericitic halo.
284.67	ZVC	1.2	28.0	272.0					Calcite vein, accessory chlorite. Associated gypsum (later vein phase).
285.60	ZVC	1.1	25.0	305.0					Calcite vein with accessory chlorite and minor sulphides.
287.51	ZVC	2	54.0	262.0					Calcite vein with accessory chlorite.

Samples

From	To	Sample ID	Sample type	Cu_ppm	Au_ppb	Mo_ppm	Pb_ppm	Zn_ppm	As_ppm	Ag_ppm	K_ppm	Hg_ppm	Bi_ppm	Sb_ppm	S_%
13.71	16.00	410227	CORE_HALF	452.69	56.3	13.33	30.14	465.9	8.8	0.699	1800	0.038	0.05	0.3	1.05
16.00	18.00	410228	CORE_HALF	899.03	113	35.61	49.82	1704.5	12.1	1.493	1900	0.434	0.09	0.34	1.8
18.00	20.00	410229	CORE_HALF	329.18	89.3	5.38	168.57	2057.7	16.4	0.781	1800	0.598	0.07	0.38	2.33
20.00	22.00	410231	CORE_HALF	884.3	135.3	3.51	39.14	1713.7	16.6	1.432	1400	0.454	0.05	0.47	2.67
22.00	24.00	410232	CORE_HALF	1612.21	173.7	25.44	31.06	378.9	21.9	2.612	2000	0.04	0.17	0.5	1.64
24.00	26.00	410233	CORE_HALF	483.54	46.8	9.08	79.82	318.7	31	0.841	1500	0.016	0.19	1.04	2.87
26.00	28.00	410234	CORE_HALF	388.53	45.2	13.99	11.79	244.7	15.8	0.468	1800	0.006	0.13	0.24	3.1
28.00	34.00	410235	CORE_HALF	174.88	34	3.33	11.59	259.6	7.4	0.284	1700	-0.005	0.1	0.22	2.9
34.00	36.00	410236	CORE_HALF	185.14	57.5	3.31	28.99	474.4	10	0.376	2100	0.062	0.14	0.27	2.48
36.00	38.00	410237	CORE_HALF	437.62	20.3	6.26	7.13	168.9	14.7	0.467	1500	-0.005	0.11	0.16	3.17
38.00	40.00	410238	CORE_HALF	88.46	23.9	2.06	12.12	121.3	5.1	0.228	200	-0.005	0.06	0.14	0.5
40.00	42.00	410239	CORE_HALF	150.83	19.7	1.38	10.51	217	4.6	0.223	700	-0.005	0.08	0.1	1.89
42.00	44.00	410240	CORE_HALF	137.78	19.6	1.01	4.85	218.1	8.6	0.17	300	-0.005	0.05	0.3	0.83
44.00	46.00	410241	CORE_HALF	154.63	28.3	2.86	3.83	168	11.9	0.232	800	-0.005	0.06	0.26	1.57
46.00	48.00	410242	CORE_HALF	155.94	18.2	1.96	3.03	176.4	10.5	0.222	1000	-0.005	0.04	0.23	1.54
48.00	50.00	410243	CORE_HALF	159.73	23.1	1.44	4.24	157.4	11.7	0.27	1800	-0.005	0.08	0.2	2.46
50.00	52.00	410244	CORE_HALF	266.32	29.1	6.91	4.18	169.1	10.6	0.461	1600	-0.005	0.1	0.2	3.68
52.00	54.00	410245	CORE_HALF	797.54	36.4	8.77	4.06	120.2	6.4	0.827	1500	-0.005	0.08	0.18	1.97
54.00	56.00	410246	CORE_HALF	256.37	22.9	3.24	2.94	97.1	4.2	0.313	1400	-0.005	0.11	0.14	3.73
56.00	60.00	410247	CORE_HALF	295.34	45.6	4.4	3.4	93.8	4.1	0.372	1500	-0.005	0.1	0.13	4.21
60.00	68.00	410248	CORE_HALF	356.7	32	3.84	4.64	103.4	4.9	0.355	1600	-0.005	0.12	0.14	2.98
68.00	70.00	410249	CORE_HALF	1533.77	95.8	7.83	5.07	90	12.9	1.221	2000	-0.005	0.29	0.15	3.69
70.00	72.00	410251	CORE_HALF	57.79	22.9	0.38	3.93	70.7	1.6	0.197	900	-0.005	0.04	0.1	0.35
72.00	74.00	410252	CORE_HALF	46.17	12.5	0.2	3.47	69.4	1	0.117	900	-0.005	0.02	0.08	0.09
74.00	76.00	410253	CORE_HALF	216.61	15	2.8	2.52	86.4	2.8	0.258	1000	-0.005	0.09	0.16	2.03
76.00	78.00	410254	CORE_HALF	150.74	8.3	4	2.27	108.6	2.9	0.108	1200	-0.005	0.12	0.13	2.98
78.00	80.00	410255	CORE_HALF	462.57	17.8	5.69	2.65	105.2	6.2	0.3	1300	-0.005	0.19	0.15	3.92
80.00	82.00	410256	CORE_HALF	329.64	81	5.6	2.44	100	4.8	0.315	1300	-0.005	0.14	0.2	2.9
82.00	84.00	410257	CORE_HALF	141.4	21.1	0.17	1.16	113.3	3	0.183	100	-0.005	0.02	0.33	0.04
84.00	90.00	410258	CORE_HALF	411.8	36.4	2.59	1.53	79.9	2.5	0.339	1000	-0.005	0.1	0.29	1.77
90.00	92.00	410259	CORE_HALF	247.52	20.5	2.25	2.16	51.7	3	0.186	1100	-0.005	0.12	0.14	4.74
92.00	94.00	410260	CORE_HALF	495.8	37.7	5.29	2.1	48.2	3.3	0.373	1000	-0.005	0.13	0.19	5.64
94.00	96.00	410261	CORE_HALF	124.97	12.4	1.92	1.31	29.7	1.4	0.093	1300	-0.005	0.1	0.13	5.83
96.00	98.00	410262	CORE_HALF	542.86	51.9	4.13	1.58	50	2.2	0.385	800	-0.005	0.1	0.25	3.21
98.00	100.00	410263	CORE_HALF	142.93	21.1	2.25	1.63	64.9	1.7	0.181	800	-0.005	0.1	0.25	2.79

100.0C	102.00	410264	CORE_HALF	734.49	66.2	4.61	2.15	38	1.5	1.056	1600	0.008	0.14	0.37	4.6
102.0C	104.00	410265	CORE_HALF	417.75	31.1	3.55	1.24	43.7	1.4	0.344	1200	-0.005	0.05	0.15	2.88
104.0C	106.00	410266	CORE_HALF	178.61	26.4	0.86	1.59	56.9	0.6	0.189	600	-0.005	-0.02	0.13	1.27
106.0C	108.00	410267	CORE_HALF	419.16	26.7	1.49	2.22	67.5	0.7	0.305	700	-0.005	0.05	0.09	1.7
108.0C	110.00	410268	CORE_HALF	711.21	53.8	1.35	1.34	62.2	0.8	0.414	900	-0.005	0.03	0.13	1.49
110.0C	112.00	410269	CORE_HALF	2797.53	199.6	2.17	1.26	60.6	0.9	1.521	1200	0.006	0.04	0.16	2.44
112.0C	114.00	410271	CORE_HALF	323.97	22.8	0.91	1.4	58.4	0.6	0.2	1100	-0.005	0.03	0.09	0.89
114.0C	116.00	410272	CORE_HALF	1976.58	181.5	1.35	2.59	67.1	1.7	1.378	1000	0.007	0.14	0.11	1.35
116.0C	118.00	410273	CORE_HALF	1871.74	234.6	3.4	2.53	52.1	1.5	1.806	1400	0.007	0.16	0.11	3.5
118.0C	120.00	410274	CORE_HALF	1786.71	156.6	17.65	1.64	58.5	1.3	1.166	1000	-0.005	0.12	0.15	3.43
120.0C	122.00	410275	CORE_HALF	1702.06	172.2	8.21	1.72	76.5	1.2	1.188	1100	-0.005	0.13	0.15	2.83
122.0C	124.00	410276	CORE_HALF	637.91	79.2	4.46	1.7	55.3	1.1	0.482	900	-0.005	0.13	0.1	3.52
124.0C	126.00	410277	CORE_HALF	746.33	69.6	3.48	1.88	62.9	1.5	0.466	1400	-0.005	0.07	0.15	2.81
126.0C	128.00	410278	CORE_HALF	948.54	59.4	1.53	1.38	77.5	1.4	0.606	1000	0.007	0.06	0.19	3.28
128.0C	130.00	410279	CORE_HALF	876.84	100.9	1.61	1.82	72.6	0.8	0.53	1200	0.012	0.04	0.2	3.96
130.0C	132.00	410280	CORE_HALF	886.71	124.1	3.41	2.71	62.9	1.2	0.641	1300	-0.005	0.05	0.16	3.25
132.0C	134.00	410281	CORE_HALF	760.55	69.1	3.21	1.95	69.5	1.4	0.417	1100	0.006	0.13	0.11	2.89
134.0C	136.00	410282	CORE_HALF	920.57	70.8	2.4	1.52	76.3	0.8	0.498	900	-0.005	0.06	0.09	2.74
136.0C	138.00	410283	CORE_HALF	985.43	100.4	1.43	1.85	146.1	0.8	0.64	900	0.006	0.08	0.11	2.01
138.0C	140.00	410284	CORE_HALF	3103.29	971.6	1.57	1.78	75.4	0.9	2.263	800	-0.005	0.17	0.15	1.95
140.0C	142.00	410285	CORE_HALF	5033.73	746.4	6.5	2.64	61.8	0.9	2.199	1100	-0.005	0.25	0.21	2.98
142.0C	144.00	410286	CORE_HALF	3675.29	578.7	2.8	1.86	76.9	1	2.815	900	-0.005	0.15	0.21	1.65
144.0C	146.00	410287	CORE_HALF	2455.44	503.8	1.72	2.14	94.1	1.1	2.188	800	-0.005	0.18	0.12	2.02
146.0C	148.00	410288	CORE_HALF	1788.24	330.4	2.65	2.01	97.1	1	1.647	900	-0.005	0.27	0.09	2.05
148.0C	150.00	410289	CORE_HALF	932.38	203.2	3.13	1.88	46.4	1.1	1.491	1300	0.014	0.27	0.1	2.66
150.0C	152.00	410291	CORE_HALF	925.76	367.4	4.5	2.12	26.6	1	1.875	1500	0.015	0.27	0.1	2.66
152.0C	154.00	410292	CORE_HALF	1245.88	132.3	19.62	1.64	30.4	3.1	0.818	1100	-0.005	0.13	0.07	2.46
154.0C	156.00	410293	CORE_HALF	1679.01	278	2.54	1.4	41.1	1.4	1.348	1100	-0.005	0.11	0.07	1.49
156.0C	158.00	410294	CORE_HALF	1355.13	268.8	1.48	1.77	40.7	1.1	0.88	1000	-0.005	0.13	0.05	1.64
158.0C	160.00	410295	CORE_HALF	1346.59	151.1	4.29	4.77	49	0.7	1.911	1200	0.006	0.07	0.06	1.13
160.0C	162.00	410296	CORE_HALF	746.77	788	34.81	1.72	36.1	0.5	0.938	1100	-0.005	0.24	0.05	1.65
162.0C	164.00	410297	CORE_HALF	811.26	290.5	6.22	1.49	45	0.4	0.642	1400	-0.005	0.14	0.06	1.34
164.0C	166.00	410298	CORE_HALF	246.56	49	0.85	3.49	60.1	0.5	0.37	1300	-0.005	0.07	0.1	0.37
166.0C	168.00	410299	CORE_HALF	923.63	256.6	2.3	2.01	52.8	0.5	2.083	1400	0.005	0.09	0.07	1.39
168.0C	170.00	410300	CORE_HALF	883.24	166.2	3.45	1.8	42.8	0.9	0.759	1400	-0.005	0.07	0.05	1.11
170.0C	172.00	410301	CORE_HALF	433.27	147.8	0.93	3.22	62.8	0.5	1.24	1300	0.013	0.08	0.05	0.82
172.0C	174.00	410302	CORE_HALF	1268.17	633.1	2.81	2.04	46.3	1.6	2.105	900	0.007	0.22	0.1	1.32

174.0C	176.00	410303	CORE_HALF	1021.83	202.6	0.99	2.14	46	3.8	0.806	1200	-0.005	0.17	0.23	1.15
176.0C	178.00	410304	CORE_HALF	613.78	109.9	1.51	1.72	25.1	2.8	0.552	600	-0.005	0.24	0.15	6.22
178.0C	180.00	410305	CORE_HALF	1381.1	273.7	0.82	1.37	39.4	1.8	1.026	1200	-0.005	0.1	0.15	1.26
180.0C	182.00	410306	CORE_HALF	1395.21	340.5	0.59	1.45	48.2	2.1	1.404	1200	0.008	0.19	0.16	1.34
182.0C	184.00	410307	CORE_HALF	1110.04	373.8	0.66	1.31	48.7	1	0.872	800	0.006	0.09	0.12	0.76
184.0C	186.00	410308	CORE_HALF	1020.88	413.6	0.68	1.25	52.6	1.4	0.702	800	-0.005	0.13	0.12	0.94
186.0C	188.00	410309	CORE_HALF	668.8	330.5	0.82	0.89	52.2	1.1	0.443	600	-0.005	0.08	0.13	0.59
188.0C	190.00	410311	CORE_HALF	491.57	102.4	0.72	0.66	51.4	1.2	0.32	400	-0.005	0.06	0.1	0.52
190.0C	192.00	410312	CORE_HALF	776	184.1	1.3	1.03	53.9	0.7	0.582	600	-0.005	0.06	0.11	0.43
192.0C	194.00	410313	CORE_HALF	500.84	104.6	1.23	0.95	48.9	1.4	0.465	600	-0.005	0.08	0.09	0.54
194.0C	196.00	410314	CORE_HALF	241.1	73.4	0.73	1.06	45.3	0.8	0.214	1200	-0.005	0.14	0.09	0.77
196.0C	198.00	410315	CORE_HALF	193.57	176.3	0.85	2.28	30.8	0.6	1.414	1100	-0.005	0.21	0.09	4.46
198.0C	200.00	410316	CORE_HALF	314.3	145.2	0.54	1.3	41	1.1	0.304	1000	-0.005	0.21	0.13	0.93
200.0C	202.00	410317	CORE_HALF	197.92	413.2	2.21	0.88	31.8	0.6	2.187	1200	-0.005	0.2	0.07	1.75
202.0C	204.00	410318	CORE_HALF	203.58	512.1	0.46	1.06	20	0.3	2.94	1100	0.005	0.32	0.08	3.58
204.0C	206.00	410319	CORE_HALF	267.04	697.7	1.97	1.14	17.1	0.8	2.963	1000	0.006	0.32	0.11	3.17
206.0C	208.00	410320	CORE_HALF	297.12	153.6	1.07	0.99	27.3	0.7	0.638	1000	-0.005	0.22	0.09	1.17
208.0C	210.00	410321	CORE_HALF	578.26	480.3	2.33	1.4	28.4	0.9	2.109	1100	-0.005	0.39	0.13	2.77
210.0C	212.00	410322	CORE_HALF	327.39	57.3	0.73	0.83	51.2	0.7	0.166	700	-0.005	0.07	0.1	0.94
212.0C	214.00	410323	CORE_HALF	169.77	67	0.56	0.95	41.3	2.2	0.14	700	-0.005	0.09	0.08	1.39
214.0C	216.00	410324	CORE_HALF	148.77	52.3	0.5	1.14	39.8	3	0.199	900	-0.005	0.09	0.1	0.93
216.0C	218.00	410325	CORE_HALF	171.66	44.1	0.58	1.23	47.6	2.3	0.141	600	-0.005	0.08	0.11	0.57
218.0C	220.00	410326	CORE_HALF	235.36	61.3	1.42	1.06	54.2	0.7	0.24	500	-0.005	0.06	0.09	0.83
220.0C	222.00	410327	CORE_HALF	263.35	97	0.92	1.16	47.5	3.7	0.418	700	-0.005	0.21	0.09	1.22
222.0C	224.00	410328	CORE_HALF	814.35	235.9	1.08	1.58	39	6.4	0.612	800	-0.005	0.22	0.13	1.28
224.0C	226.00	410329	CORE_HALF	295.65	225.6	6.03	2.17	34.4	3.2	0.747	1700	-0.005	0.31	0.15	2.53
226.0C	228.00	410331	CORE_HALF	80.35	2863.7	1.74	10.53	15.1	3.5	5.507	1700	-0.005	2.1	0.47	5.79
228.0C	230.00	410332	CORE_HALF	198.67	787	2.54	10.23	19.3	2.1	3.455	1500	-0.005	0.88	0.29	3.37
230.0C	232.00	410333	CORE_HALF	1717.05	627.9	17.57	8.33	67.5	0.9	8.135	1700	-0.005	0.65	0.34	4.02
232.0C	234.00	410334	CORE_HALF	2103.31	657.4	0.69	4.38	147.2	0.6	3.628	1000	-0.005	0.23	0.38	2.4
234.0C	236.00	410335	CORE_HALF	267.77	132.5	0.6	6.45	48.6	1.6	1.092	1700	-0.005	0.09	0.24	1.88
236.0C	238.00	410336	CORE_HALF	365.76	345.7	0.8	9.4	43.5	2.4	3.279	1300	-0.005	0.17	0.95	5.19
238.0C	240.00	410337	CORE_HALF	785.69	295.7	1.4	2.97	65.3	1.6	1.526	1100	-0.005	0.12	0.6	2.44
240.0C	242.00	410338	CORE_HALF	1425.67	391.5	1.28	1.6	69.8	1.9	1.025	800	-0.005	0.17	0.28	1.22
242.0C	244.00	410339	CORE_HALF	1318.03	383.5	1.26	1.6	81.8	0.6	1.025	1100	-0.005	0.09	0.34	1.53
244.0C	246.00	410340	CORE_HALF	953.8	375.5	1.85	1.66	75.8	1.3	1.049	1100	-0.005	0.11	0.28	1.24
246.0C	248.00	410341	CORE_HALF	361.12	366.9	7.33	2.71	65.2	1.8	0.865	1200	-0.005	0.12	0.36	2.97

248.0C	250.00	410342	CORE_HALF	110.89	26.1	0.56	2.14	44.9	1.2	0.118	1800	-0.005	0.05	0.23	0.65
250.0C	252.00	410343	CORE_HALF	223.7	60	0.72	2.65	48.3	3.1	0.233	2000	-0.005	0.09	0.25	0.82
252.0C	254.00	410344	CORE_HALF	553.51	198	0.65	2.76	56.6	7.3	0.643	2100	-0.005	0.08	0.27	1.11
254.0C	256.00	410345	CORE_HALF	1022.71	356.4	0.61	1.97	90.8	0.7	1.432	1400	-0.005	0.07	0.16	1.29
256.0C	258.00	410346	CORE_HALF	905.05	212.5	1.64	1.35	66.3	1.4	0.481	900	-0.005	0.17	0.12	2.09
258.0C	260.00	410347	CORE_HALF	714.05	152.5	0.65	1.25	50.6	0.5	0.368	900	-0.005	0.08	0.1	1.35
260.0C	262.00	410348	CORE_HALF	1155.19	204.2	0.44	1.09	47.5	0.3	0.606	800	-0.005	0.05	0.11	0.86
262.0C	264.00	410349	CORE_HALF	1118.08	168.8	0.57	1.84	45.6	0.2	1.779	1200	0.006	0.09	0.1	1.05
264.0C	266.00	410351	CORE_HALF	2017.6	335.1	0.82	1.58	54.5	1.2	2.569	1200	0.005	0.35	0.12	1.87
266.0C	268.00	410352	CORE_HALF	668.93	128.5	1.87	1.85	64.3	0.4	0.339	800	-0.005	0.03	0.11	1
268.0C	270.00	410353	CORE_HALF	422.81	106.9	0.75	1.82	71.5	0.7	0.883	1000	0.011	0.17	0.1	2.02
270.0C	272.00	410354	CORE_HALF	481.4	76.8	0.9	1.79	60.2	0.8	0.353	1000	0.006	0.04	0.11	1.21
272.0C	274.00	410355	CORE_HALF	367.31	104.5	0.66	2.06	48.6	0.9	0.298	1100	-0.005	0.07	0.12	1.2
274.0C	276.00	410356	CORE_HALF	3248.29	341.5	0.74	4.4	51.2	0.6	3.528	1300	0.016	0.36	0.23	2.76
276.0C	278.00	410357	CORE_HALF	5853.72	435.2	1.02	2.19	49.2	-0.1	5.805	1000	0.005	0.41	0.18	2.4
278.0C	280.00	410358	CORE_HALF	15790	516.2	2.73	2.72	37	0.3	11.189	600	0.012	1.11	0.36	5.13
280.0C	282.00	410359	CORE_HALF	1171.08	159.1	0.87	1.47	81.5	1.1	0.819	1000	0.007	0.13	0.15	1.13
282.0C	284.00	410360	CORE_HALF	1859.82	259.6	1	1.98	77.1	1	1.008	1000	-0.005	0.07	0.2	1.5
284.0C	286.00	410361	CORE_HALF	828.97	204.1	0.63	1.89	75.4	1	0.709	900	-0.005	0.1	0.16	1.19
286.0C	288.00	410362	CORE_HALF	1010.21	184.8	0.56	2.19	70.5	0.9	0.59	1600	-0.005	0.07	0.13	0.62
288.0C	290.00	410363	CORE_HALF	750.37	115	15.18	1.34	55.3	1	0.427	1300	-0.005	0.04	0.1	0.96
290.0C	292.00	410364	CORE_HALF	456.26	47.1	89.12	1.46	45.6	0.8	0.286	1500	-0.005	0.04	0.1	0.72
292.0C	294.00	410365	CORE_HALF	620.68	52.6	1.65	1.15	59.9	1.7	0.367	1200	-0.005	0.05	0.07	1.26
294.0C	296.00	410366	CORE_HALF	826.96	74.6	1.85	1.5	66.1	1.2	0.48	2000	-0.005	0.11	0.11	1.1
296.0C	298.00	410367	CORE_HALF	364.4	23.9	0.92	1.66	65.8	1.1	0.307	1500	-0.005	0.06	0.15	1.83
298.0C	300.00	410368	CORE_HALF	175.29	15.1	5.02	0.93	80.1	1.2	0.204	1400	-0.005	0.03	0.08	1.02
300.0C	302.00	410369	CORE_HALF	1020.65	86.4	0.85	1.04	69.2	1.2	0.415	1800	-0.005	0.07	0.13	1.9
302.0C	304.00	410371	CORE_HALF	1107.81	100.1	0.91	1.19	77.7	1	0.508	1100	-0.005	0.03	0.11	0.91
304.0C	306.00	410372	CORE_HALF	1049.7	84.1	9.55	2.2	68.2	2.6	0.627	1300	0.011	0.38	0.2	4.77
306.0C	308.00	410373	CORE_HALF	429.7	38.6	1.02	1.32	74	1.9	0.193	2700	-0.005	0.08	0.19	1.1
308.0C	310.00	410374	CORE_HALF	318.63	41.6	1.18	1.06	78.6	1	0.175	2600	-0.005	0.03	0.17	0.74
310.0C	312.00	410375	CORE_HALF	372.28	49.4	0.95	1.46	77.9	1.2	0.288	2700	0.007	0.06	0.26	1.13
312.0C	314.00	410376	CORE_HALF	686.63	76.7	0.64	0.94	82.8	1.2	0.361	2500	-0.005	0.02	0.12	0.62
314.0C	316.00	410377	CORE_HALF	914.82	122.1	0.59	2.6	83.3	0.8	0.508	4200	-0.005	0.02	0.11	0.36
316.0C	318.00	410378	CORE_HALF	624.04	123.9	0.99	0.98	74.4	2.5	0.389	2700	0.005	0.13	0.11	1.37
318.0C	320.00	410379	CORE_HALF	306.51	47.4	2.52	1.04	51	0.8	0.168	2200	-0.005	0.03	0.1	1.72
320.0C	322.00	410380	CORE_HALF	652.56	113.4	1.05	1.43	43.9	2.8	0.362	1900	0.014	0.1	0.11	1.93

322.0C	324.00	410381	CORE_HALF	252.4	49.2	0.61	1.02	42.8	1	0.147	2600	0.011	0.06	0.09	1.34
324.0C	326.00	410382	CORE_HALF	365.21	82.9	2.18	1.83	80.2	6.9	0.238	6500	0.006	0.11	0.12	1.28
326.0C	328.00	410383	CORE_HALF	1927.18	416.6	0.51	1.34	53.4	1.8	0.877	1600	0.009	0.1	0.14	1.06
328.0C	330.00	410384	CORE_HALF	2113.91	391.4	0.41	1.14	60.9	1.4	0.944	1700	0.008	0.1	0.1	0.63
330.0C	332.00	410385	CORE_HALF	4281.99	691.2	0.54	1.25	58.6	0.8	2.24	1600	0.02	0.17	0.17	1.57
332.0C	334.00	410386	CORE_HALF	1401.79	353.1	0.43	1.05	64.6	1.4	0.952	1700	0.023	0.12	0.12	1.04
334.0C	336.00	410387	CORE_HALF	1069.01	262.2	0.27	1.28	65.4	1.1	0.725	2800	-0.005	0.07	0.08	0.42
336.0C	338.00	410388	CORE_HALF	41.87	22.7	0.07	1.82	56.6	0.9	0.046	5700	-0.005	0.03	0.08	0.17
338.0C	340.00	410389	CORE_HALF	34.25	7.3	0.08	2.45	54.7	1	0.075	9300	0.005	0.02	0.08	0.14
340.0C	342.00	410391	CORE_HALF	31.43	5.6	0.07	1.96	55.6	0.5	0.036	7400	-0.005	0.02	0.05	0.09
342.0C	344.00	410392	CORE_HALF	29.23	3.5	0.08	1.88	51.5	0.3	0.031	7100	-0.005	-0.02	0.04	0.09
344.0C	346.00	410393	CORE_HALF	28.62	6	0.53	173.69	81.4	15	1.077	7300	-0.005	0.04	1.24	0.13
346.0C	348.00	410394	CORE_HALF	1701.84	369.9	0.92	1.63	54.7	1	0.938	3800	0.011	0.18	0.07	1.46
348.0C	350.00	410395	CORE_HALF	3475.35	964.5	0.48	27.82	54.1	2.1	1.657	800	0.011	0.2	0.2	0.67
350.0C	352.00	410396	CORE_HALF	2759	609.3	0.35	0.88	47.9	-0.1	1.09	700	0.014	0.11	0.07	0.44
352.0C	354.00	410397	CORE_HALF	4729.35	1307.6	0.75	15.51	52.7	1.7	2.004	800	0.02	0.25	0.14	1.34
354.0C	356.00	410398	CORE_HALF	3222.69	858.2	0.54	0.87	54.9	0.5	1.513	1700	0.016	0.16	0.11	0.6
356.0C	358.00	410399	CORE_HALF	2709.8	889	0.34	0.96	65	0.4	1.324	900	0.01	0.15	0.08	0.43
358.0C	360.00	410400	CORE_HALF	1392.5	371.9	3.24	0.93	39.9	0.8	0.999	1400	0.01	0.14	0.09	0.89
360.0C	362.00	410401	CORE_HALF	2384.28	642.6	0.27	1.07	42.2	0.3	0.982	900	-0.005	0.15	0.15	0.39
362.0C	364.00	410402	CORE_HALF	1645.16	340.2	1.15	1.02	41.8	0.2	0.698	800	-0.005	0.08	0.1	0.64
364.0C	366.00	410403	CORE_HALF	1635.62	430.2	14	0.95	41.8	0.1	0.751	900	0.007	0.09	0.1	0.75
366.0C	368.00	410404	CORE_HALF	1759.51	525.1	1.4	0.79	37.3	0.8	1.023	1000	0.013	0.13	0.1	1.69
368.0C	370.00	410405	CORE_HALF	1471.77	338.8	1.4	0.87	38.6	1.3	0.808	1000	0.009	0.1	0.08	1.42
370.0C	372.00	410406	CORE_HALF	1914.36	522.7	14.21	0.77	42.3	0.8	1.079	1100	0.009	0.1	0.1	1.29
372.0C	374.00	410407	CORE_HALF	2741.06	779.6	0.82	0.81	49.8	-0.1	1.509	1700	0.013	0.1	0.11	0.94
374.0C	376.00	410408	CORE_HALF	583.76	182.1	0.36	1.96	68.2	0.3	0.346	2500	0.005	0.04	0.1	0.23
376.0C	378.00	410409	CORE_HALF	46.6	817.9	0.15	3.22	67.5	2.6	0.137	3500	0.006	0.05	0.13	0.41
378.0C	380.00	410411	CORE_HALF	29.29	52.1	0.11	2.39	80.6	1.2	0.065	3300	0.005	0.03	0.09	0.18
380.0C	382.00	410412	CORE_HALF	30.87	6.7	0.11	2.45	73.7	0.7	0.049	2900	-0.005	0.02	0.09	0.19
382.0C	384.00	410413	CORE_HALF	35.32	9.2	0.11	2.32	75.7	0.8	0.067	3700	0.008	0.02	0.11	0.11
384.0C	386.00	410414	CORE_HALF	32.89	5	0.12	1.97	66.8	0.7	0.039	4700	-0.005	0.02	0.08	0.12
386.0C	388.00	410415	CORE_HALF	56.87	12.8	0.15	2.65	64.2	0.5	0.049	2800	-0.005	0.03	0.11	0.2
388.0C	390.00	410416	CORE_HALF	32.12	13.1	0.12	2.7	59.3	0.7	0.066	2300	-0.005	0.05	0.09	0.21
390.0C	392.00	410417	CORE_HALF	254.13	104.5	0.99	1.63	53.8	1.2	0.214	2600	-0.005	0.06	0.12	0.57
392.0C	394.00	410418	CORE_HALF	1238.23	482.6	0.65	0.84	29.2	1.6	0.553	1100	0.008	0.06	0.07	0.94
394.0C	396.00	410419	CORE_HALF	675.29	233.6	0.44	0.89	35	1.3	0.638	1700	0.007	0.08	0.08	1.06

396.00	398.00	410421	CORE_HALF	645.66	233.1	0.66	0.68	32.2	0.9	0.375	1100	0.005	0.05	0.06	0.56
398.00	400.00	410422	CORE_HALF	3610.08	1522.1	0.97	0.78	33.6	1.1	1.611	800	0.024	0.17	0.08	1.8
400.00	402.00	410423	CORE_HALF	795.22	310	0.5	0.82	30.3	1	0.428	1100	0.006	0.08	0.05	0.74
402.00	404.00	410424	CORE_HALF	1793.48	568	2.97	1.17	29.9	4.9	1.066	1300	0.013	0.23	0.11	2.61
404.00	406.00	410425	CORE_HALF	1137.32	422.3	0.74	1.24	24.5	3.9	0.597	1500	-0.005	0.11	0.09	1.75
406.00	408.00	410426	CORE_HALF	1460.11	1408.4	0.67	2.17	36.1	1.8	1.417	1500	0.018	0.68	0.13	3.49
408.00	410.00	410427	CORE_HALF	655.47	4059.8	2.71	2.74	17.3	0.9	2.514	1900	0.026	1.54	0.11	5.5
410.00	412.00	410428	CORE_HALF	163.05	119.9	0.59	1	19.8	1.5	0.128	2100	0.006	0.12	0.07	3.4
412.00	414.00	410429	CORE_HALF	2056.85	1147.4	0.27	1.1	25	0.3	1.078	1400	-0.005	0.06	0.07	1.1
414.00	416.00	410430	CORE_HALF	1897.66	792.5	4.54	1.74	31.6	0.4	2.441	1400	0.016	0.12	0.06	2.38
416.00	418.00	410431	CORE_HALF	877.51	1797.5	1.05	1.38	37.6	1	1.053	1500	0.006	0.41	0.07	3.13
418.00	420.00	410432	CORE_HALF	527.7	259.5	2.47	0.67	40.6	0.1	0.406	900	-0.005	0.06	0.05	1.08
420.00	422.00	410433	CORE_HALF	313.99	160.4	1.99	0.57	32.4	0.1	0.206	600	-0.005	0.05	0.04	1.78
422.00	424.00	410434	CORE_HALF	63.99	58.8	0.44	0.73	25.2	0.4	0.053	900	0.006	0.08	0.04	2.66
424.00	426.11	410435	CORE_HALF	44.31	7.1	2.66	0.75	14.9	0.9	0.033	1300	0.005	0.07	0.04	3.3

GEOINFORMATICS REDTON LITHOLOGY CODES

INTRUSIVE	lith code	VOLCANIC	lith code	SEDIMENTS	lith code	METAMORPHIC	lith code	VOLCANICLASTIC	lith code	ALTERED ROCKS (original rock type unidentifiable)	lith code	OTHER	lith code
Undifferentiated Intrusives	**IOO**	**Undifferentiated Volcanic Rocks**	**VOO**	**Undifferentiated Sediments**	**SOO**	**Undifferentiated metamorphic rock**	**XOO**	**Undifferentiated Volcaniclastic Rocks**	**YOO**	**Altered Rock, Undivided**	**AOO**	Unknown rock type	OOO
porphyry, undiff.	IOP	Undifferentiated Volcanic Rocks - porphyritic	VOP	**Conglomerate**	**SCO**	**Amphibolite, undivided**	**XAO**	tuff - unknown composition	YOT	**Altered intrusive rock**	**AIO**	Unknown, missing interval, lost sample	OMI
Undifferentiated Felsic Intrusives	**IFO**	**Undifferentiated Felsic Volcanic Rocks**	**VFO**	Conglomerate - boulder	SCB	**Gneiss, undivided**	**XGO**	agglomerate - unknown composition	YOA	**Altered volcanic rock**	**AVO**	Unknown, not logged	ONL
Porphyritic felsic intrusive	IFP	Undifferentiated Felsic Volcanic Rocks - porphyritic	VFP	Conglomerate - pebble/cobble	SCC	granulite	XGG	ignimbrite - unknown composition	YOI	**Altered sedimentary rock**	**ASS**	Drill Casing	CASE
Pegmatite, undivided	IFPG	**Rhyolite**	**VFR**	Conglomerate - granule	SCG	Ortho-gneiss	XGI	**Undiff Felsic Volcaniclastics**	**YFO**	Albite altered rock	AAO		
Granite	**IFG**	Rhyolite - quartz +/- feldspar phyric	VFRP	Conglomerate - polymictic	SCP	Migmatite	XGM	agglomerate felsic	YFA	Biotite alteration	ABO	**SURFICIAL**	
Porphyritic granite	IFGP	**Dacite**	**VFD**	Conglomerate - monomictic	SCM	quartzofeldspathic gneiss	XGQ	ignimbrite - felsic	YFI	Carbonate-chlorite	ACH	Overburden	OVER
adamellite	IFGA	Dacite - quartz +/- feldspar phyric	VFDP	Sedimentary Breccia (sharpstone Conglom.)	**SCX**	Para-gneiss	XGS	tuff - felsic	YFT	Carbonate altered rock	ACO	undivided regolith	ROO
albite granite	IFGB	**Rhyodacite**	**VFRD**	**clastic sediments** (coarser than siltsize)	**SSO**	pelitic gneiss	XGSP	Rhyolite tuff	YFR	Fuchsite alteration	AFO	soil	ROS
aplite	IFA	**Undifferentiated Intermediate Volcanic Rocks**	**VIO**	**Sandstone/Arenite**	**SSA**	psammitic gneiss	XGSS	Dacite tuff	YFD	Chloritic alteration	AHO	undivided residual regolith	RRO
charnockite	IFC	Intermediate Volcanics - quartz +/- feldspar phyric	VIOP	Calcareous arenite/sandstone	SSB	eclogite	XEO	**Undiff Intermediate Volcaniclastics**	**YIO**	K-spar alteration	AKO	Transported colluvium	RTC
Granodiorite	**IFD**	Intermediate Volcanics - vesicular/amygdaloidal	VIOV	Carbonaceous arenite/sandstone	SSC	**Hornfels, undivided**	**XHO**	agglomerate - intermediate	YIA	Silica-carbonate	AQC	undivided transported regolith	RTO
Porphyritic granodiorite	IFDP	**Andesite**	**VIA**	Sulphidic arenite/sandstone	SSZ	dolomitic marble	XLD	ignimbrite - intermediate	YII	Silica-sericite	AQE	Unconsolidated alluvium	RTA
Trondjhemite	IFJ	Andesite - quartz +/- feldspar phyric	VIAP	Arkose	SSK	marble	XLO	tuff - intermediate	YIT	Silica-fuchsite	AQF	gravel	RTG
Tonalite	IFT	Andesite - amygdaloidal/vesicular	VIAV	Volcanic arenite/sandstone	SSV	**Schist, undivided**	**XSO**	andesite tuff	YIAT	Silica-chlorite	AQH	till	RTT
Alkalic Intrusion, undivided	**IKO**	basaltic andesite	VIB	Quartzite	SSQ	Phyllite/slate, undivided	XPO	**Undiff Mafic Volcaniclastics**	**YMO**	Silica alteration	AQO	Gossan	RGO
Syenite	**IKS**	trachyandesite	VIT	**Wacke**	**SWO**	Biotite schist	XSB	agglomerate - mafic	YMA	Sericite-Carbonate	ASC	**FAULT ZONES**	
Porphyritic syenite	IKSP	**Alkalic volcanic, undivided**	**VKO**	Calcareous Greywacke	SWB	carbonate schist and calc-schist	XSC	ignimbrite - mafic	YMI	Sericitic alteration	ASO	Fault/Fault zone	ZFO
nepheline syenite	IKSN	Alkalic volcanic - quartz +/- feldspar phyric	VKOP	Carbonaceous/graphitic Greywacke	SWC	feldspathic schist	XSF	tuff - mafic	YMT	Sericite-chlorite	ASH	fault gouge	ZFG
quartz syenite	IKSQ	Latite (porphyritic)	VKL	Sulphidic Greywacke	SWZ	schist - graphitic	XSG			Sericite-clay	ASL	fault breccia	ZFX
Albitite	IKA	alkali feldspar rhyolite	VKR	**Siltstone**	**SIO**	Chlorite schist	XSH			Clay alteration	ALO	Mylonite/tectonite	ZMO
Carbonatite	IKC	Trachyte	VKT	Calcareous siltstone	SIB	sericite schist	XSK			Clay-chlorite	ALH		
alkali feldspar granite / syenogranite	IKGF	**Undifferentiated Mafic Volcanic Rocks**	**VMO**	Carbonaceous/graphitic siltstone	SIC	muscovite schist	XSM			Dominantly sulphide rock	AZO	**VEINS**	
Shoshonite	IKH	Mafic lava; amygdaloidal/vesicular	VMOV	Quartzose/siliceous siltstone	SIQ	pelitic schist	XSP					vein, undifferentiated	ZVO
Undifferentiated Intermediate Intrusives	**IIO**	**Basalt**	**VMB**	Sulphidic siltstone	SIZ	psammitic schist	XSS					carbonate-dominant vein	ZVC
Porphyritic intermediate intrusive	IIP	Basalt - amygdaloidal/vesicular	VMBV	**Argillite**	**SAO**	Psammite, undivided	XMO					quartz-dominant vein	ZVQ
Diorite	**IID**	Pillow basalt	VMBP	Calcareous argillite/shale/mudstone	SAB	meta-quartzite	XQO					quartz-carbonate dominant vein	ZVQC
Porphyritic diorite intrusive	IIDP	olivine basalt	VMBO	Carbonaceous/graphitic argillite/shale/mudstone	SAC	Talc - Chlorite schist	XST					quartz-feldspar dominant vein	ZVQF
Monzonite	**IIM**	Tholeitic basalt	VMBT	Quartzose/siliceous argillite	SAQ	**meta-ultramafic undivided**	**XUO**					sulphidic vein	ZVS
Porphyritic monzonite intrusive	IIMP	komatiitic basalt	VMK	Sulphidic argillite/shale/mudstone	SAZ	serpentinite	XUS						
Quartz diorite	**IIQ**	**Undifferentiated Ultramafic Volcanic Rocks**	**VUO**	shale	SIH								
Porphyritic quartz diorite intrusive	IIQP	Komatiite	VUK	mudstone	SIM								
Quartz monzonite	**IIZ**	Peridotite	VUP	**Chert**	**STO**								
Porphyritic quartz monzonite intrusive	IIZP	Pyroxenite	VUX	Banded Iron Formation	STF								
Monzodiorite	**III**			sulphidic chert	STZ								
Porphyritic monzodiorite intrusive	IIIP			**Carbonate sediments, undivided**	**SLO**								
Undifferentiated Mafic Intrusives	**IMO**			Limestone	SLL								
Porphyritic mafic intrusive	IMP			Dolomite/Dolostone	SLD								
Gabbro	**IMG**			**Biogenic rock, undifferentiated**	**BOO**								
hornblende gabbro	IMGH			Biogenic carbonaceous deposit, undiff	BCO								
gabbronorite	IMGN												
olivine gabbro	IMGO												
Norite	IMN												
Troctolite	IMT												
Dolerite / Diabase	**IMD**												
Undifferentiated Ultramafic Intrusion	**IUO**												
Peridotite	IUP												
Picrite	IUR												
Pyroxenite	IUX												
clinopyroxenite	IUXC												
orthopyroxenite	IUXO												
Dunite	IUD												
Hornblendite	IUH												
Harzburgite	IUZ												
Undifferentiated lamprophyre	**ILO**												

GEOINFORMATICS REDTON VEINING CODES

Vein_style		Vein_intensity		Vein_mineral	
Code	**includes: style-geometry-structure-size**	**code**		**code**	**use same code abbreviation as for AGSO minerals**
BND	Boudinaged Vein	**( )**	*absolute %	**UNK**	unknown
BRX	Vein Breccia	**tr**	trace (<2%)		
CKD	Cockade Vein	**wk**	weak (2-10%)	**ACN**	acanthite
COL	Colloform Vein	**mod**	moderate/medium (10-25%)	**ACT**	actinolite
CON	Conjugate Veins	**stg**	strong (25-50%)	**ADU**	adularia
CRC	Crackle Vein	**int**	intense (>50%)	**AEG**	aegirine
DRU	Drusy	**unk**	unknown intensity	**AGT**	aegirine-augite
EEN	En Echelon Veins			**AEN**	aenigmatite
EXT	Extensional Vein	When Recoding legacy data		**AIK**	aikinite
FELD	Narrow felsic dyke/vein	**wk**	few	**AK**	akermanite
FMV	Fine/micro-veins	**wk**	minor	**ALB**	alabandite
FOL	Folded vein	**wk**	(+/-)	**AB**	albite
FRV	Fracture Veins	**wk**	some	**ALN**	allanite
FTV	Fault-related veins	**wk**	partly	**ALG**	allargentum
HLN	Hairline Veins	**wk**	rare	**ALP**	allophane
INTD	Narow intermediate dyke/vein	**wk**	scattered	**ALM**	almandine
IRR	Irregular / undeformed / segmented	**wk**	patchy	**ALT**	altaite
LAC	Laced veinlets	**wk**	irregular	**AKT**	aluminokataphorite
LAM	Laminated Veins			**ALSI**	aluminosilicate (unspecified)
LAMD	Narrow lamprophyre dyke/vein	**mod**	common	**ALU**	alunite
LIND	Late intrusive dyke/stringer vein	**mod**	numerous	**AMB**	amblygonite
MAS	Massive Veins	**mod**	many	**AMS**	amesite
NET	Net-like veining	**mod**	regular	**AMPH**	amphibole
PEG	Pegmatite Veins			etc	etc etc etc
PLN	Planar Veins				
PTY	Ptygmatic folded veins				
RIB	Ribbon Veins				
SHR	Sheared Veins				
SHT	Sheeted Veins				
SIG	Sigmoidal Veins				
SMS	Seams				
STK	Stockwork Veins				
STR	Stringer Veins				
STY	Stylolitic				
SYND	Narrow syenitic dyke/vein				
TEN	Tension Gashes				
UND	Undifferentiated Veins / veinlets				
WSP	Wispy				

GEOINFORMATICS REDTON STRUCTURE CODES

Drilling / hand specimen Data

CODE	STRUCTURE_1	INTENSITY	
	PRIMARY STRUCTURES		
MAS	massive undeformed	**tr**	trace
SBO	bedding / bedded	**wk**	weak
SBOO	bedding overturned	**mod**	moderate/medium
SFB	Primary surface - flow banding or cumulate banding	**stg**	strong
YCH	Younging - scour marks	**int**	intense
YDEN	Younging - density structures	**unk**	unknown intensity
YGB	Younging - graded bedding		
YNG	Younging - undivided	When Recoding legacy data	
YPIL	Younging - pillows	**wk**	weak
YXB	Younging - cross bedding	**wk**	poorly
		wk	(+/-)
	DUCTILE STRUCTURES	**wk**	some
SFO	undivided foliation -cleavage	**wk**	partly
		mod	medium
SFS	schistosity	**mod**	moderate
SFL	laminations	**mod**	well developed
SFC	crenulation cleavage	**mod**	throughout
SSC	S-C fabric	**stg**	strong
SMY	mylonite/mylonite zone	**int**	intense
SHZ	**shear/ shear zone**		
LIO	linear fabric (constrictional or stretched features)	**unk**	finely
LIX	lineation intersection(bed/clv, clv/clv)	**mod**	numerous
LIM	lineation mineral	**unk**	unknown
LIR	lineation rodding		
LFA	lineation of fold axis		
LFM	lineation of M vergent fold axis		
LFZ	lineation of Z vergent fold axis		
LFS	lineation of S vergent fold axis		
FOL	folded lithologies		
FAA	anticline		
FAS	syncline		
FAP	fold axial plane		
	BRITTLE STRUCTURES		
ZFO	fault		
ZFZ	**fault zone**		
ZFR	reverse fault		
ZFN	normal fault		
ZFT	thrust fault		
ZFS	strike-slip fault		
ZFG	fault gouge/ clay/pug		
ZFL	fault lineations (e.g:slickensides/slickenlines/slickenfibres/slips)		
ZFX	fault breccia		
ZFC	cataclastic		
ZRO	fracture		
ZRZ	fracture zone		
JOO	joints/ jointing		

Mapping Data

CODE	DESCRIPTION
FAA	Fold axis - anticline
FAAF	Fold axis - antiform
FAAO	Fold axis - overturned anticline
FAO	Fold axis - undivided
FAP	Fold - axial plane
FAS	Fold axis - syncline
FASF	Fold axis - synform
FASO	Fold axis - overturned syncline
FFA	Fold axis - undivided
FTAC	Fold - trace of anticline axial plane
FTAF	Fold - trace of antiform axial plane
FTAO	Fold - trace of overturned anticline axial plane
FTAS	Fold – trace of synformal anticline axial plane
FTO	Fold - trace of undivided axial plane
FTSA	Fold – trace of antiformal syncline axial plane
FTSC	Fold - trace of syncline axial plane
FTSF	Fold - trace of synform axial plane
FTSO	Fold - trace of overturned syncline axial plane
FV	Fold - vergence towards antiform
FVM	Fold - m vergence
FVS	Fold - s vergence
FVZ	Fold - z vergence
IFA	Dyke - aplite
IFGP	Dyke - pegmatite
IFO	Dyke - felsic
IFP	Dyke - porphyry
IMD	Dyke - dolerite/diabase
IOO	Dyke - igneous
JOO	Joint - undivided
LGO	Lineament - gravity
LGW	Lineament - gravity worms
LIM	Lineation - mineral
LIO	Lineation - undivided
LIR	Lineation - rodding
LIS	Lineation - slickengrooves on fault surface
LIX	Lineation - intersection
LMO	Lineament - magnetic
LMW	Lineament - magnetic worms
LTO	Lineament – topographic
SBO	Primary surface - bedding
SBOO	Primary surface - bedding overturned
SCC	Contact - interpretive caldera boundary
SCD	Contact - interpretive domain boundary
SCG	Contact - interpretive gravity boundary
SCI	Contact - intrusive
SCM	Contact - interpretive magnetic boundary
SCO	Contact - undivided
SCS	Contact - stratigraphic
SCT	Contact - interpretive terrane boundary
SCX	Contact - outcrop boundary
SFB	Primary surface - flow banding or cumulate banding
SFC	Secondary surface - cleavage
SFCC	Secondary surface - cleavage - crenulation
SFG	Secondary surface - gneissosity
SFL	Primary surface - laminations
SFO	Secondary surface - foliation
SFS	Secondary surface - schistosity
SFSC	Secondary surface - schistosity - crenulation
SKB	Secondary surface - kink band
STY	Secondary surface - stylolite
SUA	Unconformity - angular
SUD	Unconformity - disconformity
SUN	Unconformity - nonconformity
SUO	Unconformity - undivided
TLC	Trend line - geochemistry
TLM	Trend line - magnetics
TLO	Trend line - undivided
TLP	Trend line - airphotos
YCH	Younging - scour marks
YDEN	Younging - density structures
YGB	Younging - graded bedding
YNG	Younging - undivided
YPIL	Younging - pillows
YXB	Younging - cross bedding
ZFC	Fault - cataclastic
ZFD	Fault - extensional detachment or low-angle normal fault
ZFG	Fault - gouge / clay/ pug
ZFN	Fault - normal
ZFO	Fault - undivided
ZFQ	Fault - oblique slip - undivided
ZFQDN	Fault - oblique slip - dextral and normal - dextral transtension
ZFQDR	Fault - oblique slip - dextral and reverse - dextral transpression
ZFQSN	Fault - oblique slip - sinistral and normal - sinsitral transtension
ZFQSR	Fault - oblique slip - sinistral and reverse - sinistral transpression
ZFR	Fault - reverse
ZFS	Fault - strike-slip - undivided
ZFSD	Fault - strike-slip - dextral
ZFSS	Fault - strike-slip - sinistral
ZFT	Fault - thrust
ZFX	Fault - breccia
ZMO	Fault - mylonite zone
ZRO	Fracture
ZSO	Fault - shear
ZVC	Vein - carbonate
ZVCA	Vein - ankerite
ZVCF	Vein - siderite
ZVCFA	Vein - siderite - ankerite
ZVE	Vein - epidote
ZVF	Vein - limonite or ferruginous
ZVG	Vein - gold-bearing
ZVK	Vein - K-spar
ZVO	Vein - undivided
ZVQ	Vein - quartz
ZVS	Vein - sulphide

GEOINFORMATICS REDTON ALTERATION ASSEMBLAGE CODES

Alt_type	Alt_type_Description
AL	Albitic
AR	Argillic, undivided
ARA	Argillic, advanced
ARI	Argillic, intermediate
ASS	Mineral Assemblage (name not mentioned, but minerals given)
ASU	acid sulphate
BA	Barite
BLE	Bleached
BZ	Biotization
BZMT	biotite-magnetite
CD	Chalcedonic
CH	Chloritization
CN	Carbonatization
CLAY	clay alteration
EZ	Epidotization
EZCH	Epidote-chlorite
FD	Felspathization
FN	Fenitization
FU	Fuchsitic
GRA	Graphitic
GS	Greisen
HM	Hematization
ILL	illitic
ILSM	interlayered illite-smectite
JS	Jasperoidal
KA	Kaolinitic
KF	K-feldspathization
KO	Potassic
MI	Micaceous
MNOX	Manganese Oxide
MT	Magnetitic
NOT	Not altered, fresh rock
OX	Oxidised
PH	Phyllic
PO	Pyrrhotite
PP	Propylitic
PR	Pyritic
QAD	quartz-adularia
QIL	quartz-illite
QSK	quartz-smectite-kaolinite
SK	Skarn
SL	Silicic/Silicification
SMEC	smectite zone
SN	Sinter
SO	Sodic
SP	Spilitisation
SR	Sericitiziation
SRP	Sericte-paragonite
SS	Sausseritised
SU	Sulphidic
SUB	Sulphidic, Base Metals
SY	Syenitized
SZ	Serpentinization
TC	Talc
TOUR	Tourmalinisation
UND	Altered (undifferentiated)
UNK	Unknown
ZE	Zeolitization

Alt_intensity	
( )	*absolute %
tr	trace (<2%)
wk	weak (2-10%)
mod	moderate/medium (10-25%)
stg	strong (25-50%)
int	intense (>50%)
When Recoding legacy data	
wk	(+/-)
wk	minor
wk	partly
wk	patchy
wk	rare
wk	scattered
wk	some
unk	unknown

Alt_style	style, distribution, geometry
ana	anastomosing
bd	banded
blb	blebs
box	boxwork
ckd	cockade
cla	clasts
diss	disseminated
fil	fill
ff	fracture filling
fld	flooded
frag	fragments
fram	framboidal
fsel	fracture selvage
gran	granular
hal	halo/envelopes
hybx	hydrothermal breccia
lam	laminae
len	lenticular
mass	massive
mat	matrix
mot	mottled
nod	nodular
rep	replacement/overprint
pat	patches
pod	pod
pv	pervasive
rcry	recrystallised
rib	ribbon
spo	spotted
stain	staining
vsel	vein selvage
wrk	wall-rock
unk	no style mentioned

Alt_minerals (AGSO codes)	Alt_minerals_Description
AB	albite
ACN	acanthite
ACT	actinolite
ADR	andradite
ADS	andesine
ADU	adularia
AEG	aegirine
AEN	aenigmatite
AG	silver
AGL	augelite
AGT	aegirine-augite
AIK	aikinite
AK	akermanite
AKT	aluminokataphorite
ALB	alabandite
ALG	allargentum
ALM	almandine
ALN	allanite
ALP	allophane
ALSI	aluminosilicate (unspecified)
ALT	altaite
ALU	alunite
AMB	amblygonite
AMPH	amphibole
AMS	amesite
AN	anorthite
AND	andalusite
ANG	anglesite
ANH	anhydrite
ANK	ankerite
ANL	analcime
ANN	annite
ANR	anorthoclase
ANT	anatase
AP	apatite
APO	apophyllite
APY	arsenopyrite
	etc etc
ZUN	zunyite

AGSO Minerals

Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description
AB	albite	CFS	clinoferrosilite	FKT	ferrikataphorite	KDC	kiddcreekite	MSB	moschellandsbergite	PSC	parascholzite	SPL	spinel	VVT	vivianite
ACN	acanthite	CHC	chalcanthite	FL	fluorite	KES	kesterite	MSC	massicot	PSG	phosgenite	SPN	saponite	WDG	wodginite
ACT	actinolite	CHE	chenevixite	FLB	freieslebenite	KFS	k-feldspar	MSD	magnesiosadanagite	PSI	psilomelane	SPR	sapphirine	WDH	woodhouseite
ADR	andradite	CHM	chamosite	FLL	fluellite	KLD	kullerudite	MSL	mesolite	PSM	pseudomalachite	SPS	spessartine	WFM	wolframite
ADS	andesine	CHN	chondrodite	FLT	florencite	KLM	kleemanite	MST	metastibnite	PT	platinum	SPT	spertiniite	WHT	whiteite
ADU	adularia	CHP	chapmanite	FMB	ferrimolybdite	KLN	kaolinite	MTB	metatorbernite	PTL	petalite	SPY	sperrylite	WKM	wilkmanite
AEG	aegirine	CHQ	clinoholmquistite	FMT	famatinite	KLP	kaliophilite	MTC	monticellite	PTN	plattnerite	SRD	serandite	WLF	wulfenite
AEN	aenigmatite	CHR	chromite	FO	forsterite	KLS	kalsilite	MTD	matildite	PTR	potarite	SRL	schorl	WLK	wilkinsonite
AG	silver	CHS	chalcostibite	FPG	ferropargasite	KLY	kellyite	MTM	muthmannite	PTY	platynite	SRM	schorlomite	WLM	willemite
AGL	augelite	CHT	churchite	FRB	ferberite	KMB	kambaldaite	MTR	magnesiotaramite	PTZ	petzite	SRT	sartorite	WLS	willemseite
AGT	aegirine-augite	CHU	clinohumite	FRC	ferrorichterite	KMC	kamacite	MTT	mangantantalite	PVN	pavonite	SRZ	strunzite	WLY	willyamite
AIK	aikinite	CIN	cinnabar	FRG	fergusonite	KNR	knorringite	MTY	montroydite	PWL	powellite	SSV	stishovite	WNC	winchite
AK	akermanite	CKT	cookite	FRH	frohbergite	KPK	krupkaite	MUL	mullite	PXM	pyroxmangite	ST	staurolite	WNS	wonesite
AKT	aluminokataphorite	CL	chlorite	FRK	franklinite	KR	krennerite	MWS	mawsonite	PY	pyrite	STA	stibarsen	WO	wollastinite
ALB	alabandite	CLA	clausthalite	FS	ferrosilite	KRH	kroehnkite	MZC	monazite-(ce)	PYC	pyrochroite	STB	stibnite	WRD	wardite
ALG	allargentum	CLAY	clay mineral	FSPD	feldspathoid	KRK	kirkiite	MZL	monazite-(la)	PYD	polydymite	STC	stibiconite	WRK	wairakite
ALM	almandine	CLB	columbite	FTS	ferrotschermakite	KRM	kuramite	MZN	monazite-(nd)	PYG	pyragyrite	STD	stannoidite	WRT	wurtzite
ALN	allanite	CLC	chalcedony	FTT	ferrotantalite	KRN	kornerupine	NAT	natrite	PYL	pyrolusite	STE	stephanite	WRU	wairauite
ALP	allophane	CLD	chloritoid	FUC	fuchsite	KRS	kaersutite	NCL	niccolite	PYM	pyromorphite	STG	strengite	WSB	weissbergite
ALSI	aluminosilicate (unspecified)	CLM	calomel	FWN	ferrowinchite	KRT	krutaite	NE	nepheline	PYOX	oxidised pyrite	STI	stilleite	WSH	weishanite
ALT	altaite	CLN	celsian	FY	fayalite	KST	kostovite	NGL	nigglite	PYRX	pyroxene	STK	stokesite	WSS	weissite
ALU	alunite	CLO	chloanthite	GARN	garnierite	KTK	koutekite	NI	nickel	PYS	pyrosmalite	STL	stilbite	WSV	westerveldite
AMB	amblygonite	CLP	chalcophanite	GBM	galenobismutite	KTN	kutnohorite	NKD	nukundamite	QND	qandilite	STM	sulphotsumoite	WTC	wittichenite
AMPH	amphibole	CLR	coloradoite	GBS	gibbsite	KTP	katophorite	NLG	nullaginite	QZ	quartz	STN	stannite	WTH	witherite
AMS	amesite	CLS	celestine	GCX	gorceixite	KY	kyanite	NMN	naumannite	RAR	ruarsite	STP	stilpnomelane	WTT	wittite
AN	anorthite	CNA	chalconatronite	GDL	gadolinite	KZL	kozulite	NRB	norbergite	RBK	riebeckite	STR	strontianite	WUS	wustite
AND	andalusite	CNC	conichalcite	GED	gedrite	LAB	labradorite	NRN	natron	RBN	robinsonite	STS	stistaite	WVL	wavellite
ANG	anglesite	CNL	carnallite	GEV	geversite	LBB	liebenbergite	NSB	nisbite	RCK	rucklidgeite	STT	stichtite	XEN	xenotime
ANH	anhydrite	CNT	carnotite	GH	gehlenite	LCT	leucite	NSN	nosean	RCT	richterite	STU	stutzite	XNT	xonotlite
ANK	ankerite	COAL	coal	GHN	gahnite	LFT	laffittite	NST	norsethite	RDH	ramdohrite	STV	stevensite	XTH	xanthoconite
ANL	analcime	COB	cobaltite	GKL	geikielite	LGB	lengenbachite	NSU	nsutite	RDL	rhodolite	STW	stillwaterite	YGW	yugawaralite
ANN	annite	COE	coesite	GL	glass	LLG	loellingite	NTA	natroalunite	RDN	rhodonite	STY	stromeyerite	YRW	yarrowite
ANR	anorthoclase	COF	coffinite	GLB	glauberite	LMN	limonite	NTK	nantokite	RDS	rhodochrosite	STZ	stolzite	ZEOL	zeolite
ANT	anatase	COL	colemanite	GLC	glaucodot	LMT	laumontite	NTN	nontronite	RE	rhenium	SUL	sulphur	ZKN	zinkenite
AP	apatite	COR	corundum	GLN	glaucophane	LNG	langisite	NTR	natrolite	RH	rhodium	SULP	sulphide	ZNC	zincite
APO	apophyllite	CPR	cooperite	GLT	glauconite	LNN	linnaeite	NYB	nyboite	RHN	rhonite	SVB	svanbergite	ZNOX	oxidised zinc minerals
APY	arsenopyrite	CPT	clinoptilolite	GLX	galaxite	LOR	lorandite	OAMP	orthoamphibole	RIC	rickardite	SVN	sulvanite	ZNW	zinnwaldite
AR	Argillic	CPX	clinopyroxene	GML	gmelinite	LPC	lepidocrocite	OCL	orcelite	RIO	rutheniridosmine	SWL	stillwellite	ZO	zoisite
ARC	aurichalcite	CRB	carrboydite	GN	galena	LPD	lepidolite	OFR	offretite	RLG	realgar	SWT	sweetite	ZRK	zirkelite
ARF	arfvedsonite	CRC	crocoite	GND	gonnardite	LPL	lithiophilite	OGC	oligoclase	RMB	rammelsbergite	SYL	sylvite	ZRN	zircon
ARG	aragonite	CRD	cordierite	GNL	greenalite	LRN	larnite	OGN	oregonite	RMD	ramsdellite	SYN	synchysite	ZRT	zaratite
ARS	arsenolite	CRG	chlorargyrite	GNT	garnet	LRS	larsenite	OL	olivine	RMN	romanechite	TAE	taenite	ZUN	zunyite
ART	artinite	CRK	corkite	GOS	goslarite	LRT	laurite	OLT	olivenite	RSP	raspite	TAN	tellurantimony		
AS	arsenic	CRL	carrollite	GP	gypsum	LRZ	lorenzenite	OME	omeiite	RSS	rosasite	TBM	tellurobismuthite		
ASOX	oxidised arsenopyrite	CRM	cryptomelane	GR	graphite	LTH	lanthanite	OMP	omphacite	RST	rhodostannite	TBR	torbernite		
AST	aurostibite	CRN	carnegieite	GRK	greenockite	LTP	lithiophorite	OPL	opal	RT	rutile	TCK	tucekite		
ATC	atacamite	CRO	crossite	GRS	grossular	LTT	lautite	OPQ	opaque mineral	RTA	ruthenarsenite	TDK	todorokite		
ATE	atheneite	CRR	corrensite	GRT	groutite	LVY	levyne	OPX	orthopyroxene	RTH	rathite	TE	tellurium		
ATG	antigorite	CRS	cristobalite	GRU	grunerite	LVZ	lovozerite	OR	orthoclase	RU	ruthenium	TELL	tellurides		
ATH	anthophyllite	CRT	cerite	GSD	gersdorffite	LWS	lawsonite	ORP	orpiment	RZN	rozenite	TGR	tugarinovite		
ATL	antlerite	CRV	cervantite	GSM	gismondine	LZ	lizardite	OS	osmium	SAL	sodium alum	TGS	tungstite		
ATN	autunite	CRY	cryolite	GSP	gaspeite	LZL	lazulite	OSA	osarsite	SANI	sanidine	TGT	tungstenite		
AU	gold	CSB	costibite	GT	goethite	LZN	luzonite	OSI	osmiridium	SAP	strontium-apatite	THN	thenardite		
AUG	augite	CSL	cosalite	GTM	gatumbaite	LZR	lazurite	OSM	osumilite	SAT	sodium anthophyllite	THR	thorianite		
AUS	austinite	CST	cassiterite	GUD	gudmundite	MAF	magnesio-arfvedsonite	OSZ	osarizawaite	SAU	sodium autunite	THT	thorite		
AWR	awaruite	CTE	cerianite	GYZ	goyazite	MAK	magnesio-aluminokataphorite	OTM	ottemannite	SB	antimony	TIR	tirodite		
AX	axinite	CTG	cuprotungstite	HAP	hydroxylapatite	MAL	malachite	OTV	otavite	SBG	sternbergite	TLC	talc		
AZ	azurite	CTL	chrysotile	HBL	hornblende	MAT	magnesio-anthophyllite	OTW	otwayite	SBP	stibiopalladinite	TLM	tulameenite		
BBT	babingtonite	CTP	catapleiite	HBN	hubnerite	MAU	meta-autunite	PAR	parisite	SBV	sobelevskite	TLR	tellurite		
BCT	boracite	CU	copper	HBS	hibschite	MAX	magnesio-axinite	PAX	paxite	SBY	sudburyite	TLT	teallite		
BDL	baddeleyite	CUM	cummingtonite	HC	hercynite	MBD	molybdite	PB	lead	SCB	sphaerocobaltite	TLV	tolovkite		
BDT	beudantite	CUOX	oxidised copper minerals	HD	hedenbergite	MBL	mirabilite	PBA	palladobismutharsenide	SCH	scheelite	TMP	thomsonite		
BHM	boehmite	CUP	cuprite	HDA	hydroxyapophyllite	MBY	montbrayite	PBG	plumbogummite	SCL	scolecite	TNK	talnakhite		
BI	bismuth	CV	covellite	HDC	hydrocerussite	MC	microcline	PBJ	plumbojarosite	SCP	scapolite	TNL	taeniolite		
BKB	brackebuschite	CVK	chevkinite	HDL	hidalgoite	MCD	magnesiochloritoid	PBM	plumbomicrolite	SCR	scorodite	TNR	tenorite		
BLN	berlinite	CVT	calaverite	HDM	hydromagnesite	MCH	magnesioclinoholmquistite	PBOX	oxidised lead minerals	SCW	scawtite	TNT	tennantite		
BLT	boulangerite	CZO	clinozoisite	HDT	hydrotungstite	MCK	mackinawite	PBP	plumbopalladinite	SCZ	scorzalite	TOUR	tourmaline		
BMN	bismuthinite	DCK	dickite	HDY	hedyphane	MCM	magnesiocummingtonite	PCK	pickeringite	SD	siderite	TOZ	topaz		
BMT	bismutite	DCZ	descloizite	HDZ	hydrozincite	MCN	metacinnabar	PCL	pyrochlore	SDB	serendibite	TPH	tephroite		
BN	bornite	DFT	duftite	HED	hedleyite	MCS	marcasite	PCR	pecoraite	SDL	sodalite	TPL	tapiolite		
BNN	bournonite	DG	digenite	HEM	hematite	MCT	moncheite	PCT	pectolite	SDN	sideronatrite	TPY	triphylite		
BNS	birnessite	DI	diopside	HES	hessite	MDC	madocite	PD	palladium	SDO	sudoite	TR	tremolite		
BRA	brannerite	DMD	diamond	HL	halite	MDN	mordenite	PDA	palladoarsenide	SDP	siderophyllite	TRD	tridymite		
BRC	brucite	DNM	dannemorite	HLD	hollandite	MDR	modderite	PEN	protoenstatite	SDT	studtite	TRL	trolleite		
BRG	barringtonite	DOL	dolomite	HLR	hellyerite	MEI	meionite	PER	periclase	SE	selenium	TRM	taramite		
BRH	brochantite	DPT	dioptase	HLY	halloysite	MEL	melilite	PFE	pumpellyite-fe2+	SEP	sepiolite	TRN	trona		
BRK	brookite	DRV	dravite	HMM	hemimorphite	MFD	mansfieldite	PFR	playfairite	SERI	sericite	TRO	troilite		
BRL	beryl	DSC	dyscrasite	HMQ	holmquistite	MFK	magnesioferrikataphorite	PG	paragonite	SERP	serpentine	TRP	triplite		
BRN	braunite	DSP	diaspore	HNG	hingganite	MGC	magnesiochromite	PGT	pigeonite	SFL	safflorite	TRQ	turquoise		
BRS	barroisite	DTL	datolite	HNT	huntite	MGD	magnesiogedrite	PHK	phenakite	SGD	sodium gedrite	TRV	trevorite		
BRT	barite	DVD	davidite	HOP	hopeite	MGF	magnesioferrite	PHL	phlogopite	SGL	senegalite	TS	tschermakite		
BRV	bravoite	DWS	dawsonite	HRM	harmotome	MGH	maghemite	PHOS	phosphate	SGN	siegenite	TSD	trustedtite		
BRX	borax	ECK	eckermannite	HS	hastingsite	MGN	manganite	PIL	picro-ilmenite	SHC	shcherbakovite	TSM	tsumoite		
BRY	bromargyrite	ED	edenite	HSD	hinsdalite	MGR	mgriite	PKN	paakkonenite	SHN	shandite	TTD	tetradymite		
BRZ	berzelianite	EDL	eudialyte	HSM	hausmannite	MGS	magnesite	PKO	pekoite	SHT	shattuckite	TTH	tetrahedrite		
BSM	bismite	ELB	elbaite	HTN	huttonite	MGT	magnetite	PL	plagioclase	SHZ	scholzite	TTL	tantalite		
BSN	bastnaesite	ELE	electrum	HTR	halotrichite	MGY	miargyrite	PLB	polybasite	SI	silica	TTN	titanite		
BST	bustamite	EMP	emplectite	HU	humite	MHB	magnesiohornblende	PLC	pollucite	SIL	sillimanite	TWN	twinnite		
BT	biotite	EN	enstatite	HUL	heulandite	MHQ	magnesioholmquistite	PLG	palygorskite	SKD	sklodowskite	TYL	tyrrellite		
BTF	betafite	ENG	enargite	HYL	hyalophane	MHS	magnesiohastingsite	PLI	platiniridium	SKN	skinnerite	U	uranium		
BTP	breithauptite	EP	epidote	HYN	hauyne	MICA	mica	PLL	polylithionite	SKT	skutterudite	UBG	uytenbogaardtite		
BTR	bertrandite	EPS	epsomite	HZL	heazlewoodite	MKT	magnesiokataphorite	PLN	planerite	SLA	sellaite	UMG	umangite		
BTW	bytownite	ERT	erythrite	IDA	idaite	MLD	maldonite	PLP	phillipsite	SLE	saleeite	UMN	ullmannite		
BXB	bixbyite	FAC	ferro-actinolite	IDG	iodargyrite	MLL	millerite	PLT	platarsite	SLG	seligmannite	UNK	unknown		
BZ	Biotization	FAN	ferri-annite	IGD	ingodite	MLN	melonite	PLV	paolovite	SLN	selenite	URC	uranocircite		
CA	calcium	FAP	fluorapatite	ILL	illite	MLR	milarite	PMG	pumpellyite-mg	SLR	stellerite	URE	urea		
CAL	calcite	FAT	ferro-anthophyllite	ILM	ilmenite	MLT	melanterite	PMN	pumpellyite-mn	SLV	sylvanite	URN	uraninite		
CAMP	clino-amphibole	FAY	fluorapophyllite	ILS	ilsemannite	MLY	malayaite	PMP	pumpellyite	SLW	slawsonite	UROX	uranium oxide mineral		
CAP	chlorapatite	FBG	freibergite	ILV	ilvaite	MMT	mimetite	PMT	piemontite	SMEC	smectite	URP	uranophane		
CARB	carbonate	FBR	ferrobarroisite	INE	inesite	MNC	manganochromite	PN	pentlandite	SMH	smithite	USP	ulvospinel		
CBE	chrysoberyl	FCH	ferroclinoholmquistite	IR	iridium	MNG	meneghinite	PO	pyrrhotite	SMK	samarskite	UV	uvite		
CBN	cubanite	FCL	ferrocolumbite	IRA	iridarsenite	MNOX	manganese oxides	PPH	pyrophanite	SMN	smithsonite	UVR	uvarovite		
CBZ	chabazite	FDR	ferridravite	IRO	iridosmine	MNS	minnesotaite	PPS	phosphosiderite	SMP	stumpflite	VAE	vaesite		
CC	chalcocite	FE	iron	IRS	irarsite	MNT	montmorillonite	PPU	phosphuranylite	SMR	sanmartinite	VEN	veenite		
CCH	clinochlore	FECB	iron carbonate	IXL	ixiolite	MNZ	monazite	PPY	plumbopyrochlore	SMS	samsonite	VES	vesuvianite		
CCL	chrysocolla	FED	ferro-edenite	JAR	jarosite	MOH	mohite	PQT	pirquitasite	SMT	smaltite	VIO	violarite		
CCN	cancrinite	FEK	ferro-eckermannite	JCB	jacobsite	MOL	molybdenite	PRC	pearceite	SMY	semseyite	VKG	vikingite		
CCP	chalcopyrite	FELD	feldspar	JD	jadeite	MOT	mottramite	PRG	pargasite	SN	tin	VLC	vulcanite		
CCS	chalcosiderite	FEMG	ferromagnesian mineral	JEP	jeppeite	MRB	magnesioriebeckite	PRH	prehnite	SND	sanderite	VLK	velikite		
CD	Chalcedonic	FEOX	iron oxide	JGF	jugoldite-fe2+	MRC	minrecordite	PRL	pyrophyllite	SNG	sanadagite	VLM	villamaninite		
CDL	crandallite	FFT	ferroferritschermakite	JH	johannsenite	MRG	margarite	PRM	pararammelsbergite	SNJ	seinajokite	VLR	valleriite		
CDN	caledonite	FGD	ferrogedrite	JLP	jalpaite	MRK	merenskyite	PRP	pyrope	SNM	senarmontite	VLT	valentinite		
CDR	calderite	FGL	ferroglaucophane	JMS	jamesonite	MRL	marialite	PRR	pararealgar	SP	sphalerite	VND	vanadinite		
CEL	celadonite	FHB	ferrohornblende	JOS	joseite	MRS	miersite	PRS	proustite	SPC	sopcheite	VRM	vermiculite		
CEN	clinoenstatite	FHQ	ferroholmquistite	JRD	jordanite	MRW	merwinite	PRV	perovskite	SPD	spodumene	VRN	vernadite		
CER	cerussite	FKR	ferrokaersutite	JUN	junoite	MS	muscovite	PSB	pseudobrookite	SPH	sodium phlogopite	VRS	variscite		

GEOINFORMATICS REDTON LITHOLOGY CODES

INTRUSIVE	lith code
Undifferentiated Intrusives	**IOO**
porphyry, undiff.	IOP
Undifferentiated Felsic Intrusives	**IFO**
Porphyritic felsic intrusive	IFP
Pegmatite, undivided	IFPG
Granite	**IFG**
Porphyritic granite	IFGP
adamellite	IFGA
albite granite	IFGB
aplite	IFA
charnockite	IFC
Granodiorite	**IFD**
Porphyritic granodiorite	IFDP
Trondjhemite	IFJ
Tonalite	IFT
Alkalic Intrusion, undivided	**IKO**
Syenite	**IKS**
Porphyritic syenite	IKSP
nepheline syenite	IKSN
quartz syenite	IKSQ
Albitite	IKA
Carbonatite	IKC
alkali feldspar granite / syenogranite	IKGF
Shoshonite	IKH
Undifferentiated Intermediate Intrusives	**IIO**
Porphyritic intermediate intrusive	IIP
Diorite	**IID**
Porphyritic diorite intrusive	IIDP
Monzonite	**IIM**
Porphyritic monzonite intrusive	IIMP
Quartz diorite	**IIQ**
Porphyritic quartz diorite intrusive	IIQP
Quartz monzonite	**IIZ**
Porphyritic quartz monzonite intrusive	IIZP
Monzodiorite	**III**
Porphyritic monzodiorite intrusive	IIIP
Undifferentiated Mafic Intrusives	**IMO**
Porphyritic mafic intrusive	IMP
Gabbro	**IMG**
hornblende gabbro	IMGH
gabbronorite	IMGN
olivine gabbro	IMGO
Norite	IMN
Troctolite	IMT
Dolerite / Diabase	**IMD**
Undifferentiated Ultramafic Intrusion	**IUO**
Peridotite	IUP
Picrite	IUR
Pyroxenite	IUX
clinopyroxenite	IUXC
orthopyroxenite	IUXO
Dunite	IUD
Hornblendite	IUH
Harzburgite	IUZ
Undifferentiated lamprophyre	**ILO**

VOLCANIC	lith code
Undifferentiated Volcanic Rocks	**VOO**
Undifferentiated Volcanic Rocks - porphyritic	VOP
Undifferentiated Felsic Volcanic Rocks	**VFO**
Undifferentiated Felsic Volcanic Rocks - porphyritic	VFP
Rhyolite	**VFR**
Rhyolite - quartz +/- feldspar phyric	VFRP
Dacite	**VFD**
Dacite - quartz +/- feldspar phyric	VFDP
Rhyodacite	**VFRD**
Undifferentiated Intermediate Volcanic Rocks	**VIO**
Intermediate Volcanics - quartz +/- feldspar phyric	VIOP
Intermediate Volcanics - vesicular/amygdaloidal	VIOV
Andesite	**VIA**
Andesite - quartz +/- feldspar phyric	VIAP
Andesite - amygdaloidal/vesicular	VIAV
basaltic andesite	VIB
trachyandesite	VIT
Alkalic volcanic, undivided	**VKO**
Alkalic volcanic - quartz +/- feldspar phyric	VKOP
Latite (porphyritic)	VKL
alkali feldspar rhyolite	VKR
Trachyte	VKT
Undifferentiated Mafic Volcanic Rocks	**VMO**
Mafic lava; amygdaloidal/vesicular	VMOV
Basalt	**VMB**
Basalt - amygdaloidal/vesicular	VMBV
Pillow basalt	VMBP
olivine basalt	VMBO
Tholeitic basalt	VMBT
komatiitic basalt	VMK
Undifferentiated Ultramafic Volcanic Rocks	**VUO**
Komatiite	VUK
Peridotite	VUP
Pyroxenite	VUX

SEDIMENTS	lith code
Undifferentiated Sediments	**SOO**
Conglomerate	**SCO**
Conglomerate - boulder	SCB
Conglomerate - pebble/cobble	SCC
Conglomerate - granule	SCG
Conglomerate - polymictic	SCP
Conglomerate - monomictic	SCM
Sedimentary Breccia (sharpstone Conglom.)	**SCX**
clastic sediments (coarser than siltsize)	**SSO**
Sandstone/Arenite	**SSA**
Calcareous arenite/sandstone	SSB
Carbonaceous arenite/sandstone	SSC
Sulphidic arenite/sandstone	SSZ
Arkose	SSK
Volcanic arenite/sandstone	SSV
Quartzite	SSQ
Wacke	**SWO**
Calcareous Greywacke	SWB
Carbonaceous/graphitic Greywacke	SWC
Sulphidic Greywacke	SWZ
Siltstone	**SIO**
Calcareous siltstone	SIB
Carbonaceous/graphitic siltstone	SIC
Quartzose/siliceous siltstone	SIQ
Sulphidic siltstone	SIZ
Argillite	**SAO**
Calcareous argillite/shale/mudstone	SAB
Carbonaceous/graphitic argillite/shale/mudstone	SAC
Quartzose/siliceous argillite	SAQ
Sulphidic argillite/shale/mudstone	SAZ
shale	SIH
mudstone	SIM
Chert	**STO**
Banded Iron Formation	STF
sulphidic chert	STZ
Carbonate sediments, undivided	**SLO**
Limestone	SLL
Dolomite/Dolostone	SLD
Biogenic rock, undifferentiated	**BOO**
Biogenic carbonaceous deposit, undiff	BCO

METAMORPHIC	lith code
Undifferentiated metamorphic rock	**XOO**
Amphibolite, undivided	**XAO**
Gneiss, undivided	**XGO**
granulite	XGG
Ortho-gneiss	XGI
Migmatite	XGM
quartzofeldspathic gneiss	XGQ
Para-gneiss	XGS
pelitic gneiss	XGSP
psammitic gneiss	XGSS
eclogite	XEO
Hornfels, undivided	**XHO**
dolomitic marble	XLD
marble	XLO
Schist, undivided	**XSO**
Phyllite/slate, undivided	XPO
Biotite schist	XSB
carbonate schist and calc-schist	XSC
feldspathic schist	XSF
schist - graphitic	XSG
Chlorite schist	XSH
sericite schist	XSK
muscovite schist	XSM
pelitic schist	XSP
psammitic schist	XSS
Psammite, undivided	XMO
meta-quartzite	XQO
Talc - Chlorite schist	XST
meta-ultramafic undivided	**XUO**
serpentinite	XUS

VOLCANICLASTIC	lith code
Undifferentiated Volcaniclastic Rocks	**YOO**
tuff - unknown composition	YOT
agglomerate - unknown composition	YOA
ignimbrite - unknown composition	YOI
Undiff Felsic Volcaniclastics	**YFO**
agglomerate felsic	YFA
ignimbrite - felsic	YFI
tuff - felsic	YFT
Rhyolite tuff	YFR
Dacite tuff	YFD
Undiff Intermediate Volcaniclastics	**YIO**
agglomerate - intermediate	YIA
ignimbrite - intermediate	YII
tuff - intermediate	YIT
andesite tuff	YIAT
Undiff Mafic Volcaniclastics	**YMO**
agglomerate - mafic	YMA
ignimbrite - mafic	YMI
tuff - mafic	YMT

ALTERED ROCKS (original rock type unidentifiable)	lith code
Altered Rock, Undivided	**AOO**
Altered intrusive rock	**AIO**
Altered volcanic rock	**AVO**
Altered sedimentary rock	**ASS**
Albite altered rock	AAO
Biotite alteration	ABO
Carbonate-chlorite	ACH
Carbonate altered rock	ACO
Fuchsite alteration	AFO
Chloritic alteration	AHO
K-spar alteration	AKO
Silica-carbonate	AQC
Silica-sericite	AQE
Silica-fuchsite	AQF
Silica-chlorite	AQH
Silica alteration	AQO
Sericite-Carbonate	ASC
Sericitic alteration	ASO
Sericite-chlorite	ASH
Sericite-clay	ASL
Clay alteration	ALO
Clay-chlorite	ALH
Dominantly sulphide rock	AZO

OTHER	lith code
Unknown rock type	OOO
Unknown, missing interval, lost sample	OMI
Unknown, not logged	ONL
Drill Casing	CASE
SURFICIAL	
Overburden	OVER
undivided regolith	ROO
soil	ROS
undivided residual regolith	RRO
Transported colluvium	RTC
undivided transported regolith	RTO
Unconsolidated alluvium	RTA
gravel	RTG
till	RTT
Gossan	RGO
FAULT ZONES	
Fault/Fault zone	ZFO
fault gouge	ZFG
fault breccia	ZFX
Mylonite/tectonite	ZMO
VEINS	
vein, undifferentiated	ZVO
carbonate-dominant vein	ZVC
quartz-dominant vein	ZVQ
quartz-carbonate dominant vein	ZVQC
quartz-feldspar dominant vein	ZVQF
sulphidic vein	ZVS

GEOINFORMATICS REDTON VEINING CODES

Vein_style		Vein_intensity		Vein_mineral	
Code	**includes: style-geometry-structure-size**	**code**		**code**	**use same code abbreviation as for AGSO minerals**
BND	Boudinaged Vein	**( )**	*absolute %	**UNK**	unknown
BRX	Vein Breccia	**tr**	trace (<2%)		
CKD	Cockade Vein	**wk**	weak (2-10%)	**ACN**	acanthite
COL	Colloform Vein	**mod**	moderate/medium (10-25%)	**ACT**	actinolite
CON	Conjugate Veins	**stg**	strong (25-50%)	**ADU**	adularia
CRC	Crackle Vein	**int**	intense (>50%)	**AEG**	aegirine
DRU	Drusy	**unk**	unknown intensity	**AGT**	aegirine-augite
EEN	En Echelon Veins			**AEN**	aenigmatite
EXT	Extensional Vein	When Recoding legacy data		**AIK**	aikinite
FELD	Narrow felsic dyke/vein	**wk**	few	**AK**	akermanite
FMV	Fine/micro-veins	**wk**	minor	**ALB**	alabandite
FOL	Folded vein	**wk**	(+/-)	**AB**	albite
FRV	Fracture Veins	**wk**	some	**ALN**	allanite
FTV	Fault-related veins	**wk**	partly	**ALG**	allargentum
HLN	Hairline Veins	**wk**	rare	**ALP**	allophane
INTD	Narow intermediate dyke/vein	**wk**	scattered	**ALM**	almandine
IRR	Irregular / undeformed / segmented	**wk**	patchy	**ALT**	altaite
LAC	Laced veinlets	**wk**	irregular	**AKT**	aluminokataphorite
LAM	Laminated Veins			**ALSI**	aluminosilicate (unspecified)
LAMD	Narrow lamprophyre dyke/vein	**mod**	common	**ALU**	alunite
LIND	Late intrusive dyke/stringer vein	**mod**	numerous	**AMB**	amblygonite
MAS	Massive Veins	**mod**	many	**AMS**	amesite
NET	Net-like veining	**mod**	regular	**AMPH**	amphibole
PEG	Pegmatite Veins			etc	etc etc etc
PLN	Planar Veins				
PTY	Ptygmatic folded veins				
RIB	Ribbon Veins				
SHR	Sheared Veins				
SHT	Sheeted Veins				
SIG	Sigmoidal Veins				
SMS	Seams				
STK	Stockwork Veins				
STR	Stringer Veins				
STY	Stylolitic				
SYND	Narrow syenitic dyke/vein				
TEN	Tension Gashes				
UND	Undifferentiated Veins / veinlets				
WSP	Wispy				

GEOINFORMATICS REDTON STRUCTURE CODES

Drilling / hand specimen Data

CODE	STRUCTURE_1	INTENSITY	
	PRIMARY STRUCTURES		
MAS	massive undeformed	**tr**	trace
SBO	bedding / bedded	**wk**	weak
SBOO	bedding overturned	**mod**	moderate/medium
SFB	Primary surface - flow banding or cumulate banding	**stg**	strong
YCH	Younging - scour marks	**int**	intense
YDEN	Younging - density structures	**unk**	unknown intensity
YGB	Younging - graded bedding		
YNG	Younging - undivided	When Recoding legacy data	
YPIL	Younging - pillows	**wk**	weak
YXB	Younging - cross bedding	**wk**	poorly
		wk	(+/-)
	DUCTILE STRUCTURES	**wk**	some
SFO	undivided foliation -cleavage	**wk**	partly
		mod	medium
SFS	schistosity	**mod**	moderate
SFL	laminations	**mod**	well developed
SFC	crenulation cleavage	**mod**	throughout
SSC	S-C fabric	**stg**	strong
SMY	mylonite/mylonite zone	**int**	intense
SHZ	**shear/ shear zone**		
LIO	linear fabric (constrictional or stretched features)	**unk**	finely
LIX	lineation intersection(bed/clv, clv/clv)	**mod**	numerous
LIM	lineation mineral	**unk**	unknown
LIR	lineation rodding		
LFA	lineation of fold axis		
LFM	lineation of M vergent fold axis		
LFZ	lineation of Z vergent fold axis		
LFS	lineation of S vergent fold axis		
FOL	folded lithologies		
FAA	anticline		
FAS	syncline		
FAP	fold axial plane		
	BRITTLE STRUCTURES		
ZFO	fault		
ZFZ	**fault zone**		
ZFR	reverse fault		
ZFN	normal fault		
ZFT	thrust fault		
ZFS	strike-slip fault		
ZFG	fault gouge/ clay/pug		
ZFL	fault lineations (e.g:slickensides/slickenlines/slickenfibres/slips)		
ZFX	fault breccia		
ZFC	cataclastic		
ZRO	fracture		
ZRZ	fracture zone		
JOO	joints/ jointing		

Mapping Data

CODE	DESCRIPTION
FAA	Fold axis - anticline
FAAF	Fold axis - antiform
FAAO	Fold axis - overturned anticline
FAO	Fold axis - undivided
FAP	Fold - axial plane
FAS	Fold axis - syncline
FASF	Fold axis - synform
FASO	Fold axis - overturned syncline
FFA	Fold axis - undivided
FTAC	Fold - trace of anticline axial plane
FTAF	Fold - trace of antiform axial plane
FTAO	Fold - trace of overturned anticline axial plane
FTAS	Fold – trace of synformal anticline axial plane
FTO	Fold - trace of undivided axial plane
FTSA	Fold – trace of antiformal syncline axial plane
FTSC	Fold - trace of syncline axial plane
FTSF	Fold - trace of synform axial plane
FTSO	Fold - trace of overturned syncline axial plane
FV	Fold - vergence towards antiform
FVM	Fold - m vergence
FVS	Fold - s vergence
FVZ	Fold - z vergence
IFA	Dyke - aplite
IFGP	Dyke - pegmatite
IFO	Dyke - felsic
IFP	Dyke - porphyry
IMD	Dyke - dolerite/diabase
IOO	Dyke - igneous
JOO	Joint - undivided
LGO	Lineament - gravity
LGW	Lineament - gravity worms
LIM	Lineation - mineral
LIO	Lineation - undivided
LIR	Lineation - rodding
LIS	Lineation - slickengrooves on fault surface
LIX	Lineation - intersection
LMO	Lineament - magnetic
LMW	Lineament - magnetic worms
LTO	Lineament – topographic
SBO	Primary surface - bedding
SBOO	Primary surface - bedding overturned
SCC	Contact - interpretive caldera boundary
SCD	Contact - interpretive domain boundary
SCG	Contact - interpretive gravity boundary
SCI	Contact - intrusive
SCM	Contact - interpretive magnetic boundary
SCO	Contact - undivided
SCS	Contact - stratigraphic
SCT	Contact - interpretive terrane boundary
SCX	Contact - outcrop boundary
SFB	Primary surface - flow banding or cumulate banding
SFC	Secondary surface - cleavage
SFCC	Secondary surface - cleavage - crenulation
SFG	Secondary surface - gneissosity
SFL	Primary surface - laminations
SFO	Secondary surface - foliation
SFS	Secondary surface - schistosity
SFSC	Secondary surface - schistosity - crenulation
SKB	Secondary surface - kink band
STY	Secondary surface - stylolite
SUA	Unconformity - angular
SUD	Unconformity - disconformity
SUN	Unconformity - nonconformity
SUO	Unconformity - undivided
TLC	Trend line - geochemistry
TLM	Trend line - magnetics
TLO	Trend line - undivided
TLP	Trend line - airphotos
YCH	Younging - scour marks
YDEN	Younging - density structures
YGB	Younging - graded bedding
YNG	Younging - undivided
YPIL	Younging - pillows
YXB	Younging - cross bedding
ZFC	Fault - cataclastic
ZFD	Fault - extensional detachment or low-angle normal fault
ZFG	Fault - gouge / clay/ pug
ZFN	Fault - normal
ZFO	Fault - undivided
ZFQ	Fault - oblique slip - undivided
ZFQDN	Fault - oblique slip - dextral and normal - dextral transtension
ZFQDR	Fault - oblique slip - dextral and reverse - dextral transpression
ZFQSN	Fault - oblique slip - sinistral and normal - sinsitral transtension
ZFQSR	Fault - oblique slip - sinistral and reverse - sinistral transpression
ZFR	Fault - reverse
ZFS	Fault - strike-slip - undivided
ZFSD	Fault - strike-slip - dextral
ZFSS	Fault - strike-slip - sinistral
ZFT	Fault - thrust
ZFX	Fault - breccia
ZMO	Fault - mylonite zone
ZRO	Fracture
ZSO	Fault - shear
ZVC	Vein - carbonate
ZVCA	Vein - ankerite
ZVCF	Vein - siderite
ZVCFA	Vein - siderite - ankerite
ZVE	Vein - epidote
ZVF	Vein - limonite or ferruginous
ZVG	Vein - gold-bearing
ZVK	Vein - K-spar
ZVO	Vein - undivided
ZVQ	Vein - quartz
ZVS	Vein - sulphide

GEOINFORMATICS REDTON ALTERATION ASSEMBLAGE CODES

Alt_type	Alt_type_Description
AL	Albitic
AR	Argillic, undivided
ARA	Argillic, advanced
ARI	Argillic, intermediate
ASS	Mineral Assemblage (name not mentioned, but minerals given)
ASU	acid sulphate
BA	Barite
BLE	Bleached
BZ	Biotization
BZMT	biotite-magnetite
CD	Chalcedonic
CH	Chloritization
CN	Carbonatization
CLAY	clay alteration
EZ	Epidotization
EZCH	Epidote-chlorite
FD	Felspathization
FN	Fenitization
FU	Fuchsitic
GRA	Graphitic
GS	Greisen
HM	Hematization
ILL	illitic
ILSM	interlayered illite-smectite
JS	Jasperoidal
KA	Kaolinitic
KF	K-feldspathization
KO	Potassic
MI	Micaceous
MNOX	Manganese Oxide
MT	Magnetitic
NOT	Not altered, fresh rock
OX	Oxidised
PH	Phyllic
PO	Pyrrhotite
PP	Propylitic
PR	Pyritic
QAD	quartz-adularia
QIL	quartz-illite
QSK	quartz-smectite-kaolinite
SK	Skarn
SL	Silicic/Silicification
SMEC	smectite zone
SN	Sinter
SO	Sodic
SP	Spilitisation
SR	Sericitiziation
SRP	Sericte-paragonite
SS	Sausseritised
SU	Sulphidic
SUB	Sulphidic, Base Metals
SY	Syenitized
SZ	Serpentinization
TC	Talc
TOUR	Tourmalinisation
UND	Altered (undifferentiated)
UNK	Unknown
ZE	Zeolitization

Alt_intensity	
( )	*absolute %
tr	trace (<2%)
wk	weak (2-10%)
mod	moderate/medium (10-25%)
stg	strong (25-50%)
int	intense (>50%)
When Recoding legacy data	
wk	(+/-)
wk	minor
wk	partly
wk	patchy
wk	rare
wk	scattered
wk	some
unk	unknown

Alt_style	style, distribution, geometry
ana	anastomosing
bd	banded
blb	blebs
box	boxwork
ckd	cockade
cla	clasts
diss	disseminated
fil	fill
ff	fracture filling
fld	flooded
frag	fragments
fram	framboidal
fsel	fracture selvage
gran	granular
hal	halo/envelopes
hybx	hydrothermal breccia
lam	laminae
len	lenticular
mass	massive
mat	matrix
mot	mottled
nod	nodular
rep	replacement/overprint
pat	patches
pod	pod
pv	pervasive
rcry	recrystallised
rib	ribbon
spo	spotted
stain	staining
vsel	vein selvage
wrk	wall-rock
unk	no style mentioned

Alt_minerals (AGSO codes)	Alt_minerals_Description
AB	albite
ACN	acanthite
ACT	actinolite
ADR	andradite
ADS	andesine
ADU	adularia
AEG	aegirine
AEN	aenigmatite
AG	silver
AGL	augelite
AGT	aegirine-augite
AIK	aikinite
AK	akermanite
AKT	aluminokataphorite
ALB	alabandite
ALG	allargentum
ALM	almandine
ALN	allanite
ALP	allophane
ALSI	aluminosilicate (unspecified)
ALT	altaite
ALU	alunite
AMB	amblygonite
AMPH	amphibole
AMS	amesite
AN	anorthite
AND	andalusite
ANG	anglesite
ANH	anhydrite
ANK	ankerite
ANL	analcime
ANN	annite
ANR	anorthoclase
ANT	anatase
AP	apatite
APO	apophyllite
APY	arsenopyrite
	etc etc
ZUN	zunyite

AGSO Minerals

Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description	Alt_minerals (AGSO codes)	Alt_minerals_Description
AB	albite	CFS	clinoferrosilite	FKT	ferrikataphorite	KDC	kiddcreekite	MSB	moschellandsbergite	PSC	parascholzite	SPL	spinel	VVT	vivianite
ACN	acanthite	CHC	chalcanthite	FL	fluorite	KES	kesterite	MSC	massicot	PSG	phosgenite	SPN	saponite	WDG	wodginite
ACT	actinolite	CHE	chenevixite	FLB	freieslebenite	KFS	k-feldspar	MSD	magnesiosadanagite	PSI	psilomelane	SPR	sapphirine	WDH	woodhouseite
ADR	andradite	CHM	chamosite	FLL	fluellite	KLD	kullerudite	MSL	mesolite	PSM	pseudomalachite	SPS	spessartine	WFM	wolframite
ADS	andesine	CHN	chondrodite	FLT	florencite	KLM	kleemanite	MST	metastibnite	PT	platinum	SPT	spertiniite	WHT	whiteite
ADU	adularia	CHP	chapmanite	FMB	ferrimolybdite	KLN	kaolinite	MTB	metatorbernite	PTL	petalite	SPY	sperrylite	WKM	wilkmanite
AEG	aegirine	CHQ	clinoholmquistite	FMT	famatinite	KLP	kaliophilite	MTC	monticellite	PTN	plattnerite	SRD	serandite	WLF	wulfenite
AEN	aenigmatite	CHR	chromite	FO	forsterite	KLS	kalsilite	MTD	matildite	PTR	potarite	SRL	schorl	WLK	wilkinsonite
AG	silver	CHS	chalcostibite	FPG	ferropargasite	KLY	kellyite	MTM	muthmannite	PTY	platynite	SRM	schorlomite	WLM	willemite
AGL	augelite	CHT	churchite	FRB	ferberite	KMB	kambaldaite	MTR	magnesiotaramite	PTZ	petzite	SRT	sartorite	WLS	willemseite
AGT	aegirine-augite	CHU	clinohumite	FRC	ferrorichterite	KMC	kamacite	MTT	mangantantalite	PVN	pavonite	SRZ	strunzite	WLY	willyamite
AIK	aikinite	CIN	cinnabar	FRG	fergusonite	KNR	knorringite	MTY	montroydite	PWL	powellite	SSV	stishovite	WNC	winchite
AK	akermanite	CKT	cookite	FRH	frohbergite	KPK	krupkaite	MUL	mullite	PXM	pyroxmangite	ST	staurolite	WNS	wonesite
AKT	aluminokataphorite	CL	chlorite	FRK	franklinite	KR	krennerite	MWS	mawsonite	PY	pyrite	STA	stibarsen	WO	wollastinite
ALB	alabandite	CLA	clausthalite	FS	ferrosilite	KRH	kroehnkite	MZC	monazite-(ce)	PYC	pyrochroite	STB	stibnite	WRD	wardite
ALG	allargentum	CLAY	clay mineral	FSPD	feldspathoid	KRK	kirkiite	MZL	monazite-(la)	PYD	polydymite	STC	stibiconite	WRK	wairakite
ALM	almandine	CLB	columbite	FTS	ferrotschermakite	KRM	kuramite	MZN	monazite-(nd)	PYG	pyragyrite	STD	stannoidite	WRT	wurtzite
ALN	allanite	CLC	chalcedony	FTT	ferrotantalite	KRN	kornerupine	NAT	natrite	PYL	pyrolusite	STE	stephanite	WRU	wairauite
ALP	allophane	CLD	chloritoid	FUC	fuchsite	KRS	kaersutite	NCL	niccolite	PYM	pyromorphite	STG	strengite	WSB	weissbergite
ALSI	aluminosilicate (unspecified)	CLM	calomel	FWN	ferrowinchite	KRT	krutaite	NE	nepheline	PYOX	oxidised pyrite	STI	stilleite	WSH	weishanite
ALT	altaite	CLN	celsian	FY	fayalite	KST	kostovite	NGL	nigglite	PYRX	pyroxene	STK	stokesite	WSS	weissite
ALU	alunite	CLO	chloanthite	GARN	garnierite	KTK	koutekite	NI	nickel	PYS	pyrosmalite	STL	stilbite	WSV	westerveldite
AMB	amblygonite	CLP	chalcophanite	GBM	galenobismutite	KTN	kutnohorite	NKD	nukundamite	QND	qandilite	STM	sulphotsumoite	WTC	wittichenite
AMPH	amphibole	CLR	coloradoite	GBS	gibbsite	KTP	katophorite	NLG	nullaginite	QZ	quartz	STN	stannite	WTH	witherite
AMS	amesite	CLS	celestine	GCX	gorceixite	KY	kyanite	NMN	naumannite	RAR	ruarsite	STP	stilpnomelane	WTT	wittite
AN	anorthite	CNA	chalconatronite	GDL	gadolinite	KZL	kozulite	NRB	norbergite	RBK	riebeckite	STR	strontianite	WUS	wustite
AND	andalusite	CNC	conichalcite	GED	gedrite	LAB	labradorite	NRN	natron	RBN	robinsonite	STS	stistaite	WVL	wavellite
ANG	anglesite	CNL	carnallite	GEV	geversite	LBB	liebenbergite	NSB	nisbite	RCK	ruckldgeite	STT	stichtite	XEN	xenotime
ANH	anhydrite	CNT	carnotite	GH	gehlenite	LCT	leucite	NSN	nosean	RCT	richterite	STU	stutzite	XNT	xonotlite
ANK	ankerite	COAL	coal	GHN	gahnite	LFT	laffittite	NST	norsethite	RDH	ramdohrite	STV	stevensite	XTH	xanthoconite
ANL	analcime	COB	cobaltite	GKL	geikielite	LGB	lengenbachite	NSU	nsutite	RDL	rhodolite	STW	stillwaterite	YGW	yugawaralite
ANN	annite	COE	coesite	GL	glass	LLG	loellingite	NTA	natroalunite	RDN	rhodonite	STY	stromeyerite	YRW	yarrowite
ANR	anorthoclase	COF	coffinite	GLB	glauberite	LMN	limonite	NTK	nantokite	RDS	rhodochrosite	STZ	stolzite	ZEOL	zeolite
ANT	anatase	COL	colemanite	GLC	glaucodot	LMT	laumontite	NTN	nontronite	RE	rhenium	SUL	sulphur	ZKN	zinkenite
AP	apatite	COR	corundum	GLN	glaucophane	LNG	langisite	NTR	natrolite	RH	rhodium	SULP	sulphide	ZNC	zincite
APO	apophyllite	CPR	cooperite	GLT	glauconite	LNN	linnaeite	NYB	nyboite	RHN	rhonite	SVB	svanbergite	ZNOX	oxidised zinc minerals
APY	arsenopyrite	CPT	clinoptilolite	GLX	galaxite	LOR	lorandite	OAMP	orthoamphibole	RIC	rickardite	SVN	sulvanite	ZNW	zinnwaldite
AR	Argillic	CPX	clinopyroxene	GML	gmelinite	LPC	lepidocrocite	OCL	orcelite	RIO	rutheniridosmine	SWL	stillwellite	ZO	zoisite
ARC	aurichalcite	CRB	carrboydite	GN	galena	LPD	lepidolite	OFR	offretite	RLG	realgar	SWT	sweetite	ZRK	zirkelite
ARF	arfvedsonite	CRC	crocoite	GND	gonnardite	LPL	lithiophilite	OGC	oligoclase	RMB	rammelsbergite	SYL	sylvite	ZRN	zircon
ARG	aragonite	CRD	cordierite	GNL	greenalite	LRN	larnite	OGN	oregonite	RMD	ramsdellite	SYN	synchysite	ZRT	zaratite
ARS	arsenolite	CRG	chlorargyrite	GNT	garnet	LRS	larsenite	OL	olivine	RMN	romanechite	TAE	taenite	ZUN	zunyite
ART	artinite	CRK	corkite	GOS	goslarite	LRT	laurite	OLT	olivenite	RSP	raspite	TAN	tellurantimony		
AS	arsenic	CRL	carrollite	GP	gypsum	LRZ	lorenzenite	OME	omeiite	RSS	rosasite	TBM	tellurobismuthite		
ASOX	oxidised arsenopyrite	CRM	cryptomelane	GR	graphite	LTH	lanthanite	OMP	omphacite	RST	rhodostannite	TBR	torbernite		
AST	aurostibite	CRN	carnegieite	GRK	greenockite	LTP	lithiophorite	OPL	opal	RT	rutile	TCK	tucekite		
ATC	atacamite	CRO	crossite	GRS	grossular	LTT	lautite	OPQ	opaque mineral	RTA	ruthenarsenite	TDK	todorokite		
ATE	atheneite	CRR	corrensite	GRT	groutite	LVY	levyne	OPX	orthopyroxene	RTH	rathite	TE	tellurium		
ATG	antigorite	CRS	cristobalite	GRU	grunerite	LVZ	lovozerite	OR	orthoclase	RU	ruthenium	TELL	tellurides		
ATH	anthophyllite	CRT	cerite	GSD	gersdorffite	LWS	lawsonite	ORP	orpiment	RZN	rozenite	TGR	tugarinovite		
ATL	antlerite	CRV	cervantite	GSM	gismondine	LZ	lizardite	OS	osmium	SAL	sodium alum	TGS	tungstite		
ATN	autunite	CRY	cryolite	GSP	gaspeite	LZL	lazulite	OSA	osarsite	SANI	sanidine	TGT	tungstenite		
AU	gold	CSB	costibite	GT	goethite	LZN	luzonite	OSI	osmiridium	SAP	strontium-apatite	THN	thenardite		
AUG	augite	CSL	cosalite	GTM	gatumbaite	LZR	lazurite	OSM	osumilite	SAT	sodium anthophyllite	THR	thorianite		
AUS	austinite	CST	cassiterite	GUD	gudmundite	MAF	magnesio-arfvedsonite	OSZ	osarizawaite	SAU	sodium autunite	THT	thorite		
AWR	awaruite	CTE	cerianite	GYZ	goyazite	MAK	magnesio-aluminokataphorite	OTM	ottemannite	SB	antimony	TIR	tirodite		
AX	axinite	CTG	cuprotungstite	HAP	hydroxylapatite	MAL	malachite	OTV	otavite	SBG	sternbergite	TLC	talc		
AZ	azurite	CTL	chrysotile	HBL	hornblende	MAT	magnesio-anthophyllite	OTW	otwayite	SBP	stibiopalladinite	TLM	tulameenite		
BBT	babingtonite	CTP	catapleiite	HBN	hubnerite	MAU	meta-autunite	PAR	parisite	SBV	sobelevskite	TLR	tellurite		
BCT	boracite	CU	copper	HBS	hibschite	MAX	magnesio-axinite	PAX	paxite	SBY	sudburyite	TLT	teallite		
BDL	baddeleyite	CUM	cummingtonite	HC	hercynite	MBD	molybdite	PB	lead	SCB	sphaerocobaltite	TLV	tolovkite		
BDT	beudantite	CUOX	oxidised copper minerals	HD	hedenbergite	MBL	mirabilite	PBA	palladobismutharsenide	SCH	scheelite	TMP	thomsonite		
BHM	boehmite	CUP	cuprite	HDA	hydroxyapophyllite	MBY	montbrayite	PBG	plumbogummite	SCL	scolecite	TNK	talnakhite		
BI	bismuth	CV	covellite	HDC	hydrocerussite	MC	microcline	PBJ	plumbojarosite	SCP	scapolite	TNL	taeniolite		
BKB	brackebuschite	CVK	chevkinite	HDL	hidalgoite	MCD	magnesiochloritoid	PBM	plumbomicrolite	SCR	scorodite	TNR	tenorite		
BLN	berlinite	CVT	calaverite	HDM	hydromagnesite	MCH	magnesioclinoholmquistite	PBOX	oxidised lead minerals	SCW	scawtite	TNT	tennantite		
BLT	boulangerite	CZO	clinozoisite	HDT	hydrotungstite	MCK	mackinawite	PBP	plumbopalladinite	SCZ	scorzalite	TOUR	tourmaline		
BMN	bismuthinite	DCK	dickite	HDY	hedyphane	MCM	magnesiocummingtonite	PCK	pickeringite	SD	siderite	TOZ	topaz		
BMT	bismutite	DCZ	descloizite	HDZ	hydrozincite	MCN	metacinnabar	PCL	pyrochlore	SDB	serendibite	TPH	tephroite		
BN	bornite	DFT	duftite	HED	hedleyite	MCS	marcasite	PCR	pecoraite	SDL	sodalite	TPL	tapiolite		
BNN	bournonite	DG	digenite	HEM	hematite	MCT	moncheite	PCT	pectolite	SDN	sideronatrite	TPY	triphylite		
BNS	birnessite	DI	diopside	HES	hessite	MDC	madocite	PD	palladium	SDO	sudoite	TR	tremolite		
BRA	brannerite	DMD	diamond	HL	halite	MDN	mordenite	PDA	palladoarsenide	SDP	siderophyllite	TRD	tridymite		
BRC	brucite	DNM	dannemorite	HLD	hollandite	MDR	modderite	PEN	protoenstatite	SDT	studtite	TRL	trolleite		
BRG	barringtonite	DOL	dolomite	HLR	hellyerite	MEI	meionite	PER	periclase	SE	selenium	TRM	taramite		
BRH	brochantite	DPT	dioptase	HLY	halloysite	MEL	melilite	PFE	pumpellyite-fe2+	SEP	sepiolite	TRN	trona		
BRK	brookite	DRV	dravite	HMM	hemimorphite	MFD	mansfieldite	PFR	playfairite	SERI	sericite	TRO	troilite		
BRL	beryl	DSC	dyscrasite	HMQ	holmquistite	MFK	magnesioferrikatophorite	PG	paragonite	SERP	serpentine	TRP	triplite		
BRN	braunite	DSP	diaspore	HNG	hingganite	MGC	magnesiochromite	PGT	pigeonite	SFL	safflorite	TRQ	turquoise		
BRS	barroisite	DTL	datolite	HNT	huntite	MGD	magnesiogedrite	PHK	phenakite	SGD	sodium gedrite	TRV	trevorite		
BRT	barite	DVD	davidite	HOP	hopeite	MGF	magnesioferrite	PHL	phlogopite	SGL	senegalite	TS	tschermakite		
BRV	bravoite	DWS	dawsonite	HRM	harmotome	MGH	maghemite	PHOS	phosphate	SGN	siegenite	TSD	trustedtite		
BRX	borax	ECK	eckermannite	HS	hastingsite	MGN	manganite	PIL	picro-ilmenite	SHC	shcherbakovite	TSM	tsumoite		
BRY	bromargyrite	ED	edenite	HSD	hinsdalite	MGR	mgriite	PKN	paakkonenite	SHN	shandite	TTD	tetradymite		
BRZ	berzelianite	EDL	eudialyte	HSM	hausmannite	MGS	magnesite	PKO	pekoite	SHT	shattuckite	TTH	tetrahedrite		
BSM	bismite	ELB	elbaite	HTN	huttonite	MGT	magnetite	PL	plagioclase	SHZ	scholzite	TTL	tantalite		
BSN	bastnaesite	ELE	electrum	HTR	halotrichite	MGY	miargyrite	PLB	polybasite	SI	silica	TTN	titanite		
BST	bustamite	EMP	emplectite	HU	humite	MHB	magnesiohornblende	PLC	pollucite	SIL	sillimanite	TWN	twinnite		
BT	biotite	EN	enstatite	HUL	heulandite	MHQ	magnesioholmquistite	PLG	palygorskite	SKD	sklodowskite	TYL	tyrrellite		
BTF	betafite	ENG	enargite	HYL	hyalophane	MHS	magnesiohastingsite	PLI	platiniridium	SKN	skinnerite	U	uranium		
BTP	breithauptite	EP	epidote	HYN	hauyne	MICA	mica	PLL	polylithionite	SKT	skutterudite	UBG	uytenbogaardtite		
BTR	bertrandite	EPS	epsomite	HZL	heazlewoodite	MKT	magnesiokataphorite	PLN	planerite	SLA	sellaite	UMG	umangite		
BTW	bytownite	ERT	erythrite	IDA	idaite	MLD	maldonite	PLP	phillipsite	SLE	saleeite	UMN	ullmannite		
BXB	bixbyite	FAC	ferro-actinolite	IDG	iodargyrite	MLL	millerite	PLT	platarsite	SLG	seligmannite	UNK	unknown		
BZ	Biotization	FAN	ferri-annite	IGD	ingodite	MLN	melonite	PLV	paolovite	SLN	selenite	URC	uranocircite		
CA	calcium	FAP	fluorapatite	ILL	illite	MLR	milarite	PMG	pumpellyite-mg	SLR	stellerite	URE	urea		
CAL	calcite	FAT	ferro-anthophyllite	ILM	ilmenite	MLT	melanterite	PMN	pumpellyite-mn	SLV	sylvanite	URN	uraninite		
CAMP	clino-amphibole	FAY	fluorapophyllite	ILS	ilsemannite	MLY	malayaite	PMP	pumpellyite	SLW	slawsonite	UROX	uranium oxide mineral		
CAP	chlorapatite	FBG	freibergite	ILV	ilvaite	MMT	mimetite	PMT	piemontite	SMEC	smectite	URP	uranophane		
CARB	carbonate	FBR	ferrobarroisite	INE	inesite	MNC	manganochromite	PN	pentlandite	SMH	smithite	USP	ulvospinel		
CBE	chrysoberyl	FCH	ferroclinoholmquistite	IR	iridium	MNG	meneghinite	PO	pyrrhotite	SMK	samarskite	UV	uvite		
CBN	cubanite	FCL	ferrocolumbite	IRA	iridarsenite	MNOX	manganese oxides	PPH	pyrophanite	SMN	smithsonite	UVR	uvarovite		
CBZ	chabazite	FDR	ferridravite	IRO	iridosmine	MNS	minnesotaite	PPS	phosphosiderite	SMP	stumpflite	VAE	vaesite		
CC	chalcocite	FE	iron	IRS	irarsite	MNT	montmorillonite	PPU	phosphuranylite	SMR	sanmartinite	VEN	veenite		
CCH	clinochlore	FECB	iron carbonate	IXL	ixiolite	MNZ	monazite	PPY	plumbopyrochlore	SMS	samsonite	VES	vesuvianite		
CCL	chrysocolla	FED	ferro-edenite	JAR	jarosite	MOH	mohite	PQT	pirquitasite	SMT	smaltite	VIO	violarite		
CCN	cancrinite	FEK	ferro-eckermannite	JCB	jacobsite	MOL	molybdenite	PRC	pearceite	SMY	semseyite	VKG	vikingite		
CCP	chalcopyrite	FELD	feldspar	JD	jadeite	MOT	mottramite	PRG	pargasite	SN	tin	VLC	vulcanite		
CCS	chalcosiderite	FEMG	ferromagnesian mineral	JEP	jeppeite	MRB	magnesioriebeckite	PRH	prehnite	SND	sanderite	VLK	velikite		
CD	Chalcedonic	FEOX	iron oxide	JGF	jugoldite-fe2+	MRC	minrecordite	PRL	pyrophyllite	SNG	sanadagite	VLM	villamaninite		
CDL	crandallite	FFT	ferroferritschermakite	JH	johannsenite	MRG	margarite	PRM	pararammelsbergite	SNJ	seinajokite	VLR	valleriite		
CDN	caledonite	FGD	ferrogedrite	JLP	jalpaite	MRK	merenskyite	PRP	pyrope	SNM	senarmontite	VLT	valentinite		
CDR	calderite	FGL	ferroglaucophane	JMS	jamesonite	MRL	marialite	PRR	pararealgar	SP	sphalerite	VND	vanadinite		
CEL	celadonite	FHB	ferrohornblende	JOS	joseite	MRS	miersite	PRS	proustite	SPC	sopcheite	VRM	vermiculite		
CEN	clinoenstatite	FHQ	ferroholmquistite	JRD	jordanite	MRW	merwinite	PRV	perovskite	SPD	spodumene	VRN	vernadite		
CER	cerussite	FKR	ferrokaersutite	JUN	junoite	MS	muscovite	PSB	pseudobrookite	SPH	sodium phlogopite	VRS	variscite		

Lithology Legend

- Silica Alteration
- Sulphide Alteration
- Casing
- IFO
- IFP
- Intermediate Intrusive
- Intermediate Intrusive Porphyry
- Mafic Intrusive
- Sediment
- Felsic Volcanic
- Intermediate Volcanic
- Chlorite-sericite-py Schist
- Felsic-intermediate tuff
- Fault Breccia
- Quartz Vein

Au ppb on Left hand side of Drill Trace

Cu ppm on Right hand side of Drill Trace

Scale	DATE	SHEET
1:1000	23/04/2007	1 of 1
	REF No.	FILE
	1	Kliyul_section_Au_Cu_

0 50 100m

Kliyul Project
2006 Drilling
Section bearing 220 Degrees
Cu ppm and Au ppb

Geoinformatics Exploration

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A605618 Page 1 (a)
304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.14	2.07	5.29	45.3	10	3.7	4.3	555	1.97	.2	2.7	<.2	3.9	61.1	.02	<.02	.09	39	.55	.083	7.1	6.7	.61	235.9	.131	1	1.01	.089	.53	<.1	2.1	.38	<.01	<5	<.1	<.02	5.0
408894	25.78	291.54	3.90	8.5	330	1.6	4.9	318	.77	21.2	.4	8.0	1.3	58.6	.05	6.14	.66	9	.94	.046	6.9	4.1	.27	968.5	.002	2	.50	.009	.31	.2	.7	.04	.11	12	.2	.31	1.1
408895	43.46	287.31	4.44	5.5	320	1.0	3.0	294	.68	35.3	.2	16.0	1.7	56.2	.03	4.54	.36	10	.64	.060	16.5	2.4	.18	718.1	.003	2	.60	.008	.38	.7	.6	.05	.15	34	.2	.17	1.4
408896	17.83	160.98	3.38	5.1	203	2.0	18.5	279	1.16	12.7	.2	22.1	1.4	45.7	.04	3.28	.27	10	.53	.060	12.4	2.3	.14	144.9	.002	1	.60	.008	.35	.6	.5	.04	.45	20	.6	.14	1.2
408897	68.20	171.68	4.48	15.7	168	4.2	21.0	424	1.72	11.5	.2	12.1	2.3	44.4	<.01	4.11	.27	29	.37	.109	11.8	4.0	.11	386.9	.004	2	.87	.008	.32	3.4	1.5	.05	.27	14	.6	.05	2.2
408898	4.17	395.26	5.21	25.1	330	5.4	52.6	527	2.23	9.8	.1	12.5	2.2	39.6	.10	2.22	.24	33	.51	.070	9.2	3.3	.19	174.9	.003	2	.90	.009	.25	.5	1.6	.04	.49	16	1.4	.07	2.1
408899	8.13	402.40	3.94	20.1	373	6.2	47.6	631	2.96	6.4	.2	25.9	1.6	41.2	.06	2.04	.25	31	.39	.062	7.5	3.9	.18	181.2	.003	2	.77	.009	.31	2.0	1.1	.04	.45	32	.8	.13	1.8
408900	44.07	1821.26	6.76	39.0	1365	13.5	23.1	1827	7.09	23.2	.2	27.6	1.1	53.8	.24	38.09	.40	101	1.09	.085	8.7	9.8	.50	542.6	.007	2	1.05	.006	.41	5.0	4.3	.09	.23	106	.9	.12	3.6
408901	173.58	3045.56	7.38	69.7	2073	29.1	53.6	1907	11.06	58.8	.4	53.3	1.2	41.5	.23	25.43	.55	155	1.06	.148	17.0	18.1	.70	176.7	.018	3	1.44	.005	.37	2.6	10.9	.10	.63	43	2.6	.28	5.3
408902	589.46	698.53	6.65	52.9	789	18.5	44.7	1434	9.40	14.2	.3	30.4	.6	58.5	<.01	18.41	.88	89	2.29	.096	7.4	11.3	.99	127.0	.010	3	.89	.005	.43	4.1	3.5	.12	.86	154	1.5	.44	4.1
408903	195.00	3253.14	16.16	67.7	4342	22.5	367.2	1397	9.24	119.2	.2	177.9	.3	68.7	.28	135.37	2.35	81	3.31	.087	1.8	13.9	1.31	22.2	.006	3	.77	.005	.37	1.5	4.6	.08	2.71	1494	5.8	1.66	2.8
408904	10.94	300.15	3.34	33.3	345	9.6	23.4	1115	4.37	23.0	.3	8.7	1.0	150.5	.12	4.05	.16	44	3.86	.155	19.7	5.5	1.27	749.4	.011	4	.86	.010	.54	1.9	4.2	.12	.20	162	.3	.06	2.4
408905	5.03	86.22	2.48	22.7	182	6.3	24.7	1016	3.52	9.4	.3	7.5	.8	478.3	.10	1.96	.18	32	3.97	.126	11.6	6.7	1.17	430.4	.007	4	.68	.012	.58	1.2	4.3	.11	.31	14	.4	.07	2.0
408906	7.42	361.99	2.77	33.0	273	13.6	26.7	853	3.93	8.0	.5	11.5	1.0	163.0	.05	2.26	.18	66	2.65	.140	12.8	18.4	1.17	430.7	.056	3	1.82	.013	.84	.7	4.4	.26	.21	20	.4	.05	5.5
408907	13.07	369.79	3.35	34.0	310	12.6	31.6	866	4.89	8.3	.6	24.9	1.1	123.1	.07	2.24	.20	71	2.79	.132	29.7	17.4	1.10	533.4	.016	4	1.23	.017	.45	1.6	4.5	.11	.27	8	.5	.07	4.7
408908	6.24	300.52	3.36	37.8	350	15.2	25.1	798	5.03	7.6	.5	16.6	1.1	112.3	.06	.90	.25	81	2.56	.138	19.8	21.0	1.37	559.4	.022	2	1.25	.025	.46	86.5	5.2	.11	.21	<5	.5	.16	5.3
408909	4.64	251.43	4.15	30.3	185	16.2	29.5	870	4.34	10.4	.3	7.1	1.0	163.5	.07	1.23	.12	53	3.04	.121	10.1	13.2	1.34	668.3	.006	4	.88	.013	.44	.4	4.5	.08	.20	192	.4	.05	2.5
408910(pulp)	9.00	9752.84	17.83	85.6	2900	347.2	14.3	876	7.12	5.7	.1	815.8	1.1	80.4	.38	7.52	.68	47	1.99	.059	2.7	429.3	.95	78.9	.004	4	.50	.042	.32	.8	4.4	.10	1.20	1282	10.0	.30	2.1
408911	4.61	319.97	3.01	34.2	252	14.6	31.5	942	5.63	23.6	.4	11.1	.9	112.4	.07	12.69	.21	104	2.86	.149	34.7	10.7	1.52	449.2	.051	4	1.47	.016	.79	1.3	6.8	.19	.33	193	.5	.10	4.6
408912	5.92	233.97	2.12	28.2	163	12.7	13.8	919	5.31	28.4	.4	16.7	.7	123.5	.07	2.34	.19	121	2.78	.138	37.1	11.8	1.37	538.7	.042	8	1.64	.017	.74	9.6	8.6	.19	.08	15	.3	.06	6.0
408913	3.08	178.92	2.64	40.8	132	16.7	18.7	912	4.84	12.4	.4	8.3	.8	327.2	.09	1.64	.13	106	3.13	.151	16.6	21.2	1.58	310.1	.038	4	1.52	.032	.63	1.1	7.7	.19	.13	6	.4	.03	6.2
408914	4.75	525.47	4.53	44.1	320	23.4	54.2	1020	5.96	19.4	.2	26.8	.8	66.1	.12	2.76	.25	125	2.52	.138	15.9	21.6	1.63	89.5	.033	5	1.52	.010	.53	3.4	10.5	.15	.84	99	2.8	.08	5.0
408915	4.76	257.08	4.90	44.7	522	14.9	20.3	1200	5.16	15.5	.2	37.3	.7	76.0	.17	4.54	.41	89	1.88	.128	8.6	13.3	.98	167.2	.021	4	1.27	.006	.57	3.9	8.6	.15	.50	307	.8	.19	4.3
408916	2.90	87.30	4.79	72.9	172	48.4	68.8	2324	8.45	15.2	1.8	18.8	.3	37.5	.16	1.56	.60	134	.59	.169	7.6	138.0	.86	42.5	.019	3	1.28	.004	.25	3.9	16.4	.07	1.30	478	3.5	.26	3.8
408917	11.12	311.80	5.65	52.2	478	35.8	209.2	1308	8.93	27.9	.4	51.2	.6	28.5	.06	1.77	2.47	138	.63	.146	10.5	30.9	.50	14.3	.010	3	1.31	.003	.20	13.1	12.9	.05	3.70	346	7.6	1.36	3.9
408918	7.52	334.04	6.01	52.7	439	31.1	239.2	1061	9.24	34.3	.4	27.7	.5	42.7	.03	4.76	1.16	190	1.38	.122	12.4	55.9	.84	18.6	.035	2	1.49	.004	.29	9.3	22.8	.07	3.49	217	7.2	.66	5.3
408919	7.21	66.49	4.67	50.5	218	30.0	255.0	1105	9.47	36.2	.4	43.8	.5	54.8	.01	2.66	1.11	207	2.42	.136	22.1	51.5	.83	15.5	.024	1	1.63	.004	.21	3.5	22.4	.05	3.87	209	7.5	.82	4.2
408920	16.65	281.05	4.95	66.1	441	35.1	215.9	1332	10.11	31.4	.4	37.4	.6	36.7	.04	2.07	.88	154	1.11	.182	23.3	68.0	.86	31.1	.029	2	1.52	.004	.33	8.8	17.2	.09	2.34	131	5.8	.46	4.6
408921	12.79	280.51	3.42	36.5	404	13.2	31.4	1171	4.85	5.4	.2	25.8	.8	59.1	.10	.70	.47	55	1.85	.105	6.1	10.7	.81	138.1	.013	2	1.03	.004	.33	2.7	4.8	.07	.45	94	.6	.29	2.3
408922	7.74	186.03	2.68	36.8	200	9.4	15.1	1112	4.65	7.8	.1	12.1	.8	75.6	.06	3.27	.06	49	2.08	.139	7.8	6.1	1.07	858.6	.052	2	1.35	.005	.70	1.5	3.1	.16	.09	44	.1	.02	3.2
408923	2.91	66.80	3.70	41.0	106	7.8	20.7	1143	4.88	10.4	.2	6.7	1.6	68.1	.04	11.92	.12	75	2.63	.139	8.1	5.9	1.20	451.8	.066	2	1.76	.005	.82	1.0	4.9	.16	.11	262	.1	.08	4.1
RE 408923	2.97	67.40	3.54	41.3	103	7.7	20.7	1139	4.76	10.4	.2	6.4	1.6	67.7	.04	13.13	.13	71	2.58	.139	8.1	5.8	1.19	453.4	.064	2	1.71	.005	.80	1.0	4.8	.16	.10	249	.1	.07	4.1
RRE 408923	2.71	65.67	3.29	38.3	101	7.4	19.9	1099	4.46	9.9	.2	5.6	1.5	65.1	.03	12.79	.12	69	2.50	.130	7.5	5.4	1.14	420.0	.061	1	1.58	.005	.72	1.0	4.5	.15	.10	208	.2	.05	3.8
408924	.70	14.18	2.13	32.9	36	8.2	34.0	942	3.23	8.3	.2	12.1	1.0	78.7	.03	3.59	.14	48	2.66	.119	9.5	10.3	.91	289.6	.055	4	1.29	.006	.77	.5	3.3	.16	.34	81	.2	.12	3.7
408925	.46	18.59	1.22	35.5	44	6.7	18.7	1063	4.14	7.7	.3	4.3	.6	75.2	.02	.60	.14	57	2.67	.138	5.1	8.4	1.26	344.3	.028	1	1.14	.029	.51	.3	3.6	.11	.14	21	.1	.08	3.9
STANDARD DS7	20.67	106.78	69.83	409.0	869	55.5	9.6	623	2.38	47.0	4.9	70.4	4.4	69.4	6.29	5.75	4.48	84	.93	.079	12.5	164.9	1.05	369.6	.123	38	.96	.074	.44	3.9	2.5	4.21	.20	196	3.5	1.13	4.8

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

09-27-06 P05:01 OUT

Data 1 FA ____ DATE RECEIVED: AUG 28 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER
C. L[signature]
Clarence Leong

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A605618

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm
G-1	.91	4.83	3.72	50.5	18	5.5	4.8	582	2.04	.1	3.2	1.0	5.0	82.5	.02	.02	.08	40
408926	.62	19.63	2.06	33.9	27	10.1	6.9	1199	3.77	7.1	.3	1.7	.8	78.8	.03	.62	.07	47
408927	2.23	122.02	2.74	34.5	114	5.8	11.9	992	3.43	11.6	.3	10.2	.8	86.1	.07	.78	.10	33
408928	1.68	177.31	3.70	41.7	233	7.9	16.1	1258	4.27	9.3	.3	22.9	.7	96.2	.10	2.34	.43	46
408929	4.01	96.74	1.70	38.9	93	11.0	9.4	1051	3.63	5.3	.3	6.8	1.0	65.0	.02	.47	.12	59
408930(pulp)	6.08	1023.30	5.12	56.2	274	10.8	6.0	603	3.49	2.9	.4	71.5	1.9	42.3	.16	1.54	.58	34
408931	.67	5.72	1.42	34.8	17	11.8	9.9	1061	3.43	5.6	.3	8.9	1.0	75.8	.02	.54	.18	72
408932	1.11	8.14	1.53	34.0	34	10.8	17.1	924	3.65	7.8	.3	11.4	.9	61.7	.02	.48	.83	76
408933	1.35	9.11	1.79	28.6	23	8.0	10.5	928	3.43	5.8	.5	3.3	1.2	57.0	.02	.65	.10	57
RE 408933	1.47	9.61	1.75	29.3	26	8.5	10.8	1004	3.61	6.2	.5	2.6	1.2	61.2	.02	.56	.10	57
RRE 408933	1.50	10.75	1.99	28.1	29	7.4	11.1	1053	3.59	6.0	.5	3.8	1.2	65.2	.04	.70	.11	54
408934	1.63	3.83	1.69	37.3	35	9.7	11.8	971	3.76	7.1	.5	9.4	.8	67.2	.01	.60	.17	89
408935	1.19	6.72	2.57	34.5	58	8.7	12.4	1080	3.84	6.7	.4	9.4	.6	109.8	.09	.88	.38	76
408936	.69	2.49	1.75	39.4	26	9.3	8.7	1135	4.00	6.2	.4	2.6	.7	77.0	.03	.59	.10	88
408937	2.22	12.81	1.59	35.7	31	10.7	8.4	1095	3.19	6.0	.3	5.3	.9	68.2	.03	.51	.08	84
408938	2.18	103.04	2.92	33.9	102	7.8	11.2	832	3.11	4.8	.3	28.6	1.0	56.4	.04	.75	.17	37
408939	1.98	7.32	2.58	22.4	141	3.9	14.8	1075	3.20	5.6	.3	20.5	.9	107.3	.05	1.09	.19	22
408940	1.61	12.70	2.20	40.4	45	8.6	12.3	1251	4.15	6.8	.3	8.1	.9	66.3	.03	.46	.14	63
408941	4.83	134.02	1.91	41.0	116	10.4	8.0	1382	4.00	6.4	.3	17.4	.8	103.3	.05	.43	.93	65
408942	.99	120.56	3.13	35.6	126	8.6	7.9	1430	4.08	6.7	.3	6.1	.9	101.8	.08	.59	.09	60
408943	1.73	23.19	1.97	34.6	34	9.2	12.2	1020	3.13	6.1	.3	5.1	.8	69.3	.04	.57	.09	63
408944	2.76	72.13	1.31	29.8	87	11.9	19.3	909	3.16	5.6	.3	15.9	1.1	66.2	.02	.56	.55	60
408945	2.63	217.43	1.38	34.9	206	12.4	20.2	943	3.39	5.4	.3	73.1	1.0	57.7	.03	.47	.18	66
408946	1.93	97.09	2.62	40.9	101	9.5	9.7	1353	3.37	5.5	.3	15.8	1.0	85.2	.07	.90	.09	53
408947	2.03	297.14	4.48	40.4	324	7.7	15.5	1340	3.46	10.7	.3	29.9	1.0	92.4	.15	8.98	.27	41
408948	3.47	138.46	2.27	29.2	176	8.9	13.2	1069	2.68	6.0	.3	20.9	1.1	76.4	.07	1.11	.15	36
408949	1.63	234.84	2.22	36.9	220	10.1	16.2	1258	3.50	7.0	.3	29.4	.9	79.8	.05	.77	.21	61
408950(pulp)	9.82	9568.72	19.24	84.7	3137	395.2	15.2	853	7.00	5.8	.1	898.9	1.2	81.9	.35	10.23	.74	45
408951	2.06	72.38	1.70	39.0	114	11.0	22.4	1217	4.04	9.0	.2	20.9	.8	79.8	.04	.55	.26	84
408952	2.64	137.77	1.75	54.0	124	10.6	12.5	1130	4.31	7.9	.2	12.2	.7	72.4	.02	.31	.16	93
408953	2.03	223.56	1.90	41.1	163	9.5	7.2	1188	3.47	5.5	.4	22.6	1.1	71.6	.04	.54	.06	64
408954	2.53	286.08	2.13	34.2	294	9.2	7.4	1109	2.86	4.6	.3	56.4	1.1	55.1	.06	.48	.09	37
408955	1.98	184.18	2.30	39.7	186	10.8	12.0	1352	3.37	6.0	.4	19.7	1.2	72.2	.04	.91	.12	55
408956	2.55	194.26	2.35	34.4	189	10.7	21.9	1433	3.32	13.4	.2	22.2	.9	90.6	.07	.86	.12	41
408957	3.16	179.99	2.13	34.7	143	10.8	11.9	1247	3.16	12.3	.3	16.4	1.0	118.0	.06	.64	.14	37
STANDARD DS7	20.88	106.28	69.88	408.3	878	55.1	9.6	626	2.37	45.3	4.8	75.6	4.3	69.1	6.16	5.75	4.39	84

SAMPLE#	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.62	.086	9.6	17.9	.63	236.0	.146	1	1.25	.119	.57	.1	2.5	.40	<.01	<5	.1	<.02	5.6
408926	2.81	.146	8.2	8.8	1.29	366.6	.021	4	1.22	.036	.65	.7	3.8	.15	.05	7	.1	.04	3.6
408927	2.78	.135	10.5	6.5	1.18	423.5	.009	4	.81	.030	.53	.8	3.0	.11	.18	53	.1	.05	2.3
408928	3.20	.140	6.8	5.8	1.57	347.8	.009	5	.97	.021	.43	.8	4.9	.09	.37	78	.2	.15	2.8
408929	2.34	.105	5.3	22.0	1.50	248.0	.010	5	1.14	.059	.27	.4	5.4	.06	.08	13	.1	.04	4.5
408930(pulp)	.97	.057	5.4	20.9	.60	118.3	.066	3	.91	.073	.14	3.8	3.4	.04	.50	204	2.3	.05	3.8
408931	2.22	.109	3.2	26.7	1.43	121.2	.054	5	1.72	.058	.62	.4	5.1	.14	.15	<5	.1	.04	6.0
408932	1.79	.119	5.2	17.9	1.42	142.6	.084	4	1.66	.049	.81	.3	5.1	.16	.39	20	.2	.39	5.8
408933	2.00	.115	7.5	13.4	1.32	162.9	.039	6	1.41	.066	.67	.3	4.1	.14	.11	8	<.1	.04	5.0
RE 408933	2.14	.120	7.7	13.7	1.43	168.8	.039	4	1.41	.064	.67	.3	4.1	.14	.12	13	<.1	.04	4.8
RRE 408933	2.27	.117	7.9	13.4	1.41	189.5	.038	5	1.34	.051	.65	.4	3.9	.13	.13	6	.1	.05	4.5
408934	1.92	.136	7.6	11.9	1.67	188.4	.097	4	1.93	.061	1.04	.4	4.7	.22	.19	9	<.1	.09	6.7
408935	2.49	.143	5.4	12.3	1.68	269.2	.110	4	1.76	.053	1.11	.8	3.9	.19	.22	10	.1	.19	5.6
408936	2.25	.132	6.7	12.4	1.71	165.4	.098	3	2.02	.058	1.07	.3	4.5	.20	.08	5	<.1	.04	6.6
408937	2.20	.102	7.3	26.0	1.57	150.8	.084	2	1.73	.052	.98	.3	5.7	.19	.06	31	<.1	.07	5.9
408938	1.98	.091	7.7	14.2	1.15	254.3	.017	4	.97	.043	.52	.4	3.6	.12	.31	15	.3	.17	3.3
408939	3.43	.124	7.0	3.7	1.27	394.3	.005	9	.91	.014	.65	1.0	3.3	.12	.34	175	.2	.15	1.9
408940	2.75	.134	5.3	12.0	1.58	261.6	.066	3	1.55	.044	.86	.4	3.9	.19	.18	30	.1	.08	5.1
408941	3.22	.149	6.9	10.0	1.52	308.0	.120	3	1.90	.033	1.25	.7	3.7	.30	.16	8	<.1	.45	6.0
408942	3.19	.152	7.2	8.9	1.43	335.1	.099	3	1.68	.033	1.17	.5	3.8	.25	.04	<5	<.1	.02	4.5
408943	1.81	.124	5.7	16.6	1.43	156.2	.104	4	1.80	.038	1.08	.4	4.6	.23	.13	11	<.1	.05	4.8
408944	1.59	.089	5.0	29.3	1.32	93.1	.074	6	1.74	.041	.80	.3	3.8	.17	.27	14	.1	.38	5.9
408945	1.38	.096	3.2	32.1	1.41	112.2	.100	6	1.78	.050	.95	.2	4.3	.19	.28	10	.1	.17	5.8
408946	2.53	.115	6.7	17.7	1.44	186.6	.046	4	1.42	.036	.72	.5	4.2	.15	.07	28	<.1	.03	4.4
408947	2.90	.129	7.5	7.6	1.30	278.1	.020	4	.99	.027	.54	1.7	4.2	.11	.48	531	.2	.13	2.9
408948	2.65	.082	8.2	15.9	1.14	287.6	.023	5	1.24	.042	.58	.4	3.1	.11	.35	151	.1	.11	4.2
408949	2.70	.125	5.8	13.8	1.41	171.2	.033	4	1.46	.040	.55	1.5	4.0	.11	.41	27	.2	.15	5.4
408950(pulp)	1.99	.060	2.8	499.0	.93	78.1	.004	3	.48	.045	.33	1.3	4.6	.14	1.24	1347	10.8	.30	2.0
408951	2.26	.126	4.0	15.2	1.51	84.5	.058	3	1.95	.041	.56	.3	4.1	.11	.53	23	.3	.16	7.8
408952	2.45	.159	5.6	18.1	1.59	184.3	.078	1	1.97	.049	.84	.3	4.8	.17	.18	21	.1	.08	7.0
408953	2.34	.118	6.1	21.9	1.32	167.8	.047	3	1.54	.061	.60	.3	4.5	.11	.05	<5	<.1	.03	5.2
408954	2.04	.093	4.9	16.5	1.20	169.8	.018	4	.98	.048	.45	.6	3.8	.08	.12	7	.1	.09	3.0
408955	2.32	.106	10.2	22.2	1.32	222.2	.039	4	1.23	.051	.65	.5	5.3	.14	.18	<5	.1	.07	3.9
408956	2.87	.098	4.6	12.6	1.32	273.0	.016	7	.85	.034	.51	.4	5.2	.12	.44	13	.3	.14	2.7
408957	2.28	.094	6.9	17.5	1.16	381.3	.015	5	.83	.042	.55	.3	4.8	.11	.17	9	.1	.08	2.7
STANDARD DS7	.92	.078	12.4	163.7	1.04	365.8	.122	39	.96	.073	.44	3.8	2.5	4.23	.20	200	3.5	1.09	4.7

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
G-1	75	3.75	3.97	43.7	15	4.6	4.2	528	1.84	.2	2.9	<.2	4.3	87.7	.03	.02	.08	35	.62	.070	9.0	12.1	.57	229.5	.133	2	1.22	.137	.56	.1	2.5	.36	<.01	<5	<.1	.02	5.1
408958	3.98	96.97	3.35	28.6	184	5.9	10.9	1136	3.04	4.7	.3	26.9	1.2	103.8	.17	.90	.16	30	2.94	.077	9.0	9.8	1.20	522.6	.007	8	.66	.033	.49	1.9	3.7	.10	.22	18	<.1	.16	1.8
408959	2.23	65.50	2.82	31.4	144	6.2	8.1	1319	3.21	6.4	.3	14.7	.9	103.3	.15	.80	.15	38	3.14	.121	9.2	8.5	1.27	452.6	.013	8	.83	.039	.56	1.0	4.0	.10	.20	31	<.1	.14	2.2
408960	2.96	45.04	2.63	28.0	275	7.1	24.7	1410	3.25	7.2	.3	40.5	.8	111.0	.06	.58	.46	33	3.17	.129	6.8	8.1	1.26	186.4	.010	4	1.00	.037	.62	.5	3.2	.15	.69	35	.3	.32	2.6
408961	2.47	47.99	3.30	30.9	164	7.5	22.8	1450	3.41	7.4	.3	34.4	.7	107.7	.05	1.00	.48	41	3.54	.121	3.0	16.9	1.14	132.0	.026	4	1.12	.034	.68	.6	3.3	.15	.85	31	.3	.39	3.6
RE 408961	2.49	49.86	3.28	31.9	154	8.0	22.5	1449	3.40	7.6	.3	34.3	.7	112.7	.04	.98	.47	42	3.50	.122	3.3	16.8	1.13	159.9	.028	4	1.19	.036	.69	.5	3.4	.15	.85	37	.2	.39	3.9
RRE 408961	2.37	47.22	3.74	33.4	164	8.6	25.9	1589	3.74	8.5	.3	41.4	.8	122.5	.04	1.11	.51	47	3.71	.131	3.6	17.2	1.25	209.7	.032	5	1.35	.035	.77	.5	3.6	.16	.92	25	.4	.40	4.4
408962	1.11	39.99	2.89	38.1	84	7.8	15.6	1439	3.80	8.1	.2	21.6	.9	113.4	.05	2.19	.22	42	3.44	.128	8.7	6.0	1.47	399.3	.015	6	1.51	.009	.68	.4	4.3	.13	.40	290	.2	.19	3.3
408963	1.56	230.40	2.84	41.1	196	7.0	5.5	1297	3.68	12.3	.3	15.3	1.0	98.3	.08	3.03	.14	46	2.61	.110	9.2	10.7	1.27	432.4	.017	5	1.08	.034	.64	.8	4.5	.14	.10	123	<.1	.10	3.0
408964	2.37	97.32	2.39	38.8	144	7.3	8.3	1211	3.12	5.9	.2	12.1	1.0	142.8	.14	1.19	.11	36	2.85	.100	6.6	9.0	1.30	423.9	.012	3	.73	.048	.42	.7	3.4	.07	.14	50	<.1	.10	2.2
408965	1.05	36.20	2.64	38.0	64	7.8	7.1	1331	2.92	4.8	.3	5.0	1.2	107.3	.15	.61	.14	35	3.00	.107	7.2	11.0	1.37	401.4	.015	3	.92	.046	.54	1.3	3.5	.10	.04	10	<.1	.08	2.8
408966	1.94	135.06	3.62	36.5	158	6.2	12.3	1378	3.62	4.8	.2	9.2	.9	224.9	.20	.73	.14	43	3.38	.108	5.3	9.1	1.41	528.1	.012	5	.87	.039	.56	.7	4.6	.10	.25	10	.1	.06	2.5
408967	1.71	86.46	2.65	38.9	94	6.9	8.6	1363	4.05	6.2	.2	8.6	.8	201.0	.08	.76	.09	49	3.05	.118	5.0	8.2	1.43	490.7	.019	4	1.06	.040	.62	.6	4.6	.11	.12	<5	<.1	.07	3.2
408968	1.11	5.90	2.77	36.2	45	5.7	12.5	1417	4.02	7.0	.4	7.8	.7	164.5	.11	.61	.14	56	3.49	.132	9.4	8.8	1.50	454.4	.046	5	1.24	.050	.77	1.3	4.1	.16	.18	13	<.1	.11	3.8
408969	1.71	6.75	2.84	30.7	102	8.3	41.9	1136	4.05	7.8	.3	25.2	.7	95.7	.03	.82	.48	52	2.55	.130	4.4	8.1	1.21	143.0	.040	5	1.40	.034	.69	.8	3.2	.15	.87	7	.3	.42	4.1
408970(rock)	.37	2.75	1.76	17.0	7	2.4	4.6	300	1.59	.7	.9	<.2	3.8	114.5	.03	.10	<.02	37	.84	.060	8.7	4.8	.35	254.0	.082	1	.93	.082	.17	.1	1.6	.02	.01	<5	<.1	.02	3.8
408971	1.03	36.09	2.48	38.0	192	9.9	26.1	1149	4.15	7.0	.3	29.6	.9	89.1	.05	.65	.25	57	2.33	.122	5.1	15.1	1.39	251.1	.034	7	1.41	.048	.61	.4	4.1	.13	.54	<5	.1	.26	4.4
408972	1.69	16.66	2.02	37.7	75	8.7	28.0	1130	4.30	8.2	.3	11.6	.8	77.4	.04	.92	.24	74	2.28	.135	6.2	15.0	1.42	231.2	.069	6	1.80	.047	.79	.4	3.7	.17	.37	8	.1	.17	5.8
408973	2.38	14.98	2.94	41.1	94	10.1	20.8	1235	3.86	7.4	.3	10.1	.7	92.9	.07	1.04	.19	55	2.87	.150	6.5	12.2	1.41	259.2	.041	4	1.54	.029	.74	1.0	3.9	.15	.39	<5	.1	.14	4.5
408974	.50	66.28	1.82	56.7	56	13.6	14.3	1390	6.33	8.6	.3	3.2	.5	83.9	.09	.70	.07	118	2.82	.173	6.1	14.1	1.94	302.7	.108	3	1.97	.046	1.04	1.0	7.5	.22	.03	<5	<.1	.05	6.7
408975	.67	43.84	2.66	45.6	65	9.7	10.6	1312	5.47	6.7	.3	2.0	.6	104.1	.13	.88	.06	96	3.11	.149	5.8	14.3	1.62	402.9	.065	2	1.53	.045	.78	1.3	6.4	.17	.04	5	<.1	.02	4.9
408976	.52	295.59	1.41	49.6	195	11.1	14.5	1386	6.45	6.8	.2	14.5	.4	89.8	.08	.85	.27	148	2.73	.136	3.5	14.5	2.01	311.6	.141	2	2.38	.042	1.23	.7	7.1	.29	.04	<5	.1	.16	6.9
408977	.39	8.99	1.06	33.5	16	8.5	8.2	924	3.95	7.0	.3	21.8	.7	77.4	.02	1.01	.04	82	1.99	.125	4.9	18.9	1.30	192.6	.121	1	1.94	.056	1.04	.7	3.5	.23	<.01	<5	<.1	<.02	6.6
408978	.31	36.01	1.08	32.0	28	6.7	8.3	1043	3.67	6.9	.3	27.0	.8	81.8	.03	1.05	.05	69	2.56	.125	6.1	13.3	1.22	89.4	.038	2	1.57	.048	.39	1.0	2.9	.08	<.01	<5	<.1	.02	6.6
408979	.40	8.62	1.13	34.2	12	8.2	7.4	966	3.77	7.1	.3	1.5	.7	86.0	.02	.98	.06	71	2.49	.137	5.9	14.3	1.32	131.6	.082	2	1.81	.047	.68	.6	3.2	.14	.01	5	<.1	<.02	6.6
408980	.50	16.92	1.31	35.4	27	9.3	8.1	956	4.41	7.8	.3	.8	.7	80.0	.03	1.17	.22	87	2.35	.147	6.9	12.8	1.41	166.4	.094	2	1.96	.052	.93	4.1	3.8	.22	.01	<5	<.1	.08	7.2
408981	1.03	46.02	1.53	32.3	33	12.3	7.6	1051	4.04	8.5	.3	4.4	.8	83.6	.02	1.24	.16	68	2.91	.128	7.0	14.4	1.29	181.9	.041	3	1.53	.043	.61	2.0	4.3	.14	.02	6	<.1	.08	5.2
408982	1.05	35.39	3.23	37.3	28	25.5	9.9	1094	4.81	10.6	.2	4.0	1.2	78.6	.02	6.40	.09	103	1.32	.142	10.5	45.0	1.03	1022.2	.071	2	2.29	.005	.79	3.8	6.7	.22	.03	35	<.1	.04	5.6
408983	1.45	13.57	3.75	70.8	23	81.8	20.7	1875	6.78	10.1	.1	3.6	.7	35.3	.05	7.77	.05	155	.66	.161	6.2	159.1	1.21	326.1	.066	3	1.98	.005	.64	11.6	17.2	.23	.01	77	<.1	.03	5.2
408984	32.01	113.31	2.91	44.7	172	48.2	20.2	1150	4.28	33.4	.6	15.2	.5	91.7	.04	4.02	.95	64	2.46	.094	2.9	81.5	1.64	68.5	.020	7	1.45	.005	.60	1.0	8.1	.26	1.33	564	.6	.63	3.9
408985	7.92	49.14	2.09	32.2	188	16.8	18.0	816	3.37	16.3	.3	25.4	1.2	396.8	.03	.74	.80	33	2.59	.115	6.0	15.4	1.38	66.3	.012	3	.95	.041	.51	.5	3.6	.12	1.96	23	1.0	.52	2.8
408986	2.98	35.91	2.53	29.4	87	13.2	15.0	856	3.41	6.5	.3	23.9	1.1	198.8	.03	.34	.47	31	3.02	.117	5.0	17.5	1.35	54.6	.029	1	1.20	.027	.60	.3	2.9	.14	1.94	15	1.4	.58	3.1
408987	3.25	135.81	3.80	32.6	144	11.4	12.7	848	3.51	13.8	.3	57.8	1.3	54.0	.04	.63	.36	48	2.15	.135	9.1	20.1	1.18	61.9	.058	1	1.42	.018	.80	.3	3.3	.22	1.82	14	.9	.50	4.7
408988	2.38	149.61	5.02	40.2	184	14.0	17.0	1052	4.01	6.9	.3	47.0	1.4	60.7	.06	.54	.43	53	2.57	.124	10.1	15.0	1.22	46.5	.041	1	1.73	.006	.72	.5	3.9	.19	1.90	55	.7	.55	4.4
408989(pulp)	9.79	4738.66	9.43	80.8	1051	11.4	9.2	802	5.63	4.8	.3	316.0	1.7	176.2	.33	6.98	1.05	41	2.08	.074	4.2	19.8	.94	78.2	.021	4	.76	.050	.29	5.9	5.1	.12	1.75	991	7.6	.19	3.0
STANDARD DS7	20.69	112.06	69.73	414.7	916	55.1	9.4	629	2.38	46.7	4.8	69.5	4.3	70.3	6.24	5.76	4.38	84	.93	.080	12.4	162.2	1.05	361.0	.120	39	.97	.076	.44	3.8	2.5	4.26	.19	199	3.5	1.14	4.6

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A605618

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.77	2.61	4.02	66.7	19	4.3	4.5	544	1.97	.4	3.1	.4	4.6	68.7	.02	.02	.07	37	.59	.077	9.5	14.2	.60	221.3	.140	1	1.08	.112	.52	.1	2.3	.37	<.01	<5	<.1	<.02	5.1
408990	3.76	163.81	2.05	21.8	193	11.2	12.4	500	1.97	10.8	.4	55.7	1.1	39.9	.04	5.48	.30	28	.30	.104	8.3	13.9	.17	115.1	.007	1	.87	.007	.28	.6	3.1	.07	.70	1049	.3	.29	2.1
408991	2.01	62.08	3.19	46.4	79	19.3	16.6	1080	3.67	5.4	.2	18.7	1.3	31.2	.08	1.14	.26	51	.37	.128	9.0	26.8	.36	73.6	.011	1	1.34	.005	.25	3.0	5.2	.06	.90	454	.3	.30	2.9
408992	2.73	52.94	2.30	27.3	305	15.1	19.2	973	3.49	5.3	.2	132.8	.9	71.7	.05	2.12	.72	19	2.64	.099	5.0	7.3	1.18	30.1	.004	1	.81	.003	.28	.4	2.6	.06	1.83	491	.8	.67	1.6
408993	2.50	72.62	2.81	31.8	106	14.8	19.0	1012	3.53	5.7	.3	105.1	1.0	63.7	.05	1.16	.60	34	2.74	.131	4.2	12.4	1.17	33.9	.026	1	1.09	.004	.41	.3	3.3	.12	1.78	293	.7	.53	2.7
408994	3.70	291.59	4.65	36.0	235	11.5	9.2	1272	3.17	51.7	.3	44.0	1.3	84.7	.04	8.55	.28	63	3.19	.105	8.5	23.3	1.36	224.2	.034	2	1.08	.011	.51	.2	4.4	.17	.59	22	.3	.26	3.7
408995	2.85	97.59	3.44	31.3	72	9.6	8.4	1280	2.85	11.5	.2	32.8	1.2	128.9	.06	.94	.23	43	3.44	.088	7.2	21.0	1.44	228.6	.012	2	.83	.017	.39	.3	4.5	.11	.54	15	.3	.22	2.7
408996	6.03	22.19	4.10	34.9	56	11.5	14.8	933	3.42	6.1	.3	22.4	1.3	116.8	.04	.94	.51	45	2.56	.105	8.4	18.5	1.20	91.1	.030	2	.91	.033	.51	.3	3.2	.15	1.48	16	1.0	.39	3.4
408997	2.48	134.15	1.94	47.5	176	10.1	10.1	1114	3.83	7.2	.4	27.5	1.2	98.6	.04	.47	.56	94	2.66	.180	10.1	15.7	1.78	94.1	.123	1	2.05	.037	1.27	.9	5.1	.39	.98	<5	.8	.38	8.4
408998	2.92	37.92	2.16	31.6	57	15.7	19.3	720	3.86	5.4	.5	20.0	1.3	68.3	.05	.46	.85	63	1.68	.121	10.3	26.4	1.27	66.8	.094	1	1.50	.046	.84	.4	3.3	.25	2.15	8	1.5	.79	6.4
408999	1.88	80.35	1.66	43.4	70	10.5	11.0	967	3.74	7.2	.4	30.1	1.2	69.3	.02	.40	.30	93	2.02	.159	11.2	30.3	1.66	88.8	.106	1	1.91	.041	1.24	.5	5.3	.42	1.10	7	.8	.25	7.9
409000	1.82	15.96	2.39	41.8	51	14.5	24.5	781	4.71	8.6	.4	21.1	1.2	55.1	.01	.26	.65	89	1.69	.173	11.2	24.7	1.63	63.5	.081	3	1.73	.038	.97	.3	5.2	.31	2.60	11	1.3	.51	8.0
410051	20.06	5.52	2.61	26.3	35	11.7	17.2	593	3.53	5.0	.3	11.5	1.5	50.3	<.01	.30	1.09	70	1.54	.115	13.4	11.8	1.11	54.9	.020	<1	1.11	.057	.27	.3	2.9	.07	1.96	17	1.3	.58	7.1
410052	1.87	174.90	25.65	300.7	476	7.3	16.9	881	4.29	12.6	.2	50.0	.2	26.8	1.21	.45	.12	53	1.15	.083	1.2	11.0	1.56	74.8	.118	<1	2.10	.053	.24	1.4	3.1	.08	1.97	35	3.0	.17	5.2
410053	2.43	229.95	33.21	4752.1	653	21.6	22.1	1166	4.96	11.7	.1	140.3	.2	19.3	35.84	.66	.16	56	2.08	.071	.7	71.8	1.79	52.6	.110	1	2.06	.015	.22	.4	4.5	.08	3.72	526	7.3	.23	4.1
410054	4.58	705.64	25.46	>10000	1794	4.9	17.2	766	4.52	18.0	.1	317.4	.2	12.4	140.07	.86	.23	23	.73	.059	.7	2.7	.98	46.8	.076	1	1.48	.014	.23	.3	1.4	.08	4.44	3249	8.7	.36	3.2
410055	4.43	335.03	24.22	349.5	691	5.6	22.5	1093	4.12	11.6	.1	37.8	.2	13.4	1.09	.63	.17	29	1.09	.080	.8	2.7	1.14	60.0	.094	1	1.81	.015	.28	.3	1.9	.09	2.96	37	5.6	.16	3.5
RE 410055	4.75	338.25	24.35	367.6	718	5.7	22.7	1087	4.18	11.6	.1	39.5	.3	14.2	1.06	.63	.17	30	1.12	.080	.9	3.0	1.16	64.1	.101	1	1.84	.015	.29	.3	2.0	.09	2.98	40	5.6	.17	3.5
RRE 410055	4.44	329.42	22.22	384.1	682	5.3	22.7	1128	4.15	12.6	.1	38.1	.3	13.5	1.26	.66	.16	29	1.12	.079	.9	2.7	1.15	57.1	.101	1	1.80	.013	.27	.3	1.9	.09	3.00	39	5.0	.14	3.4
410056	6.05	634.83	22.12	761.0	1261	5.7	26.0	1067	4.40	19.1	.2	48.2	.3	11.7	4.07	.55	.20	26	1.44	.078	1.3	2.8	.97	60.1	.069	3	1.67	.018	.29	.2	1.9	.11	3.12	161	6.5	.12	3.2
410057	5.98	1006.23	33.06	1029.1	2172	6.0	28.6	828	4.00	27.4	.1	97.1	.4	10.7	6.06	.72	.30	24	1.04	.079	1.4	2.6	.78	58.9	.046	1	1.45	.027	.25	.2	1.7	.09	3.10	278	5.7	.24	3.1
410058	3.47	2039.80	14.79	584.7	2790	4.4	18.5	1167	3.59	14.8	.1	103.2	.3	16.8	2.82	.57	.11	32	1.45	.071	1.4	2.2	1.05	77.7	.063	1	1.74	.041	.21	.1	2.1	.08	2.19	125	3.3	.08	3.6
410059	8.86	818.28	15.69	522.8	2856	5.1	23.8	792	4.18	20.3	.1	171.4	.3	11.6	3.03	.61	.23	23	1.22	.085	1.7	1.6	.84	51.8	.003	1	1.54	.027	.22	.1	1.6	.15	3.43	117	5.3	1.05	2.9
410060	6.39	603.02	10.48	361.9	1623	3.7	21.2	466	3.33	19.9	.1	86.3	.4	7.0	1.98	.46	.41	17	.78	.081	1.6	1.5	.53	49.5	.003	1	1.32	.026	.30	.1	1.5	.11	2.82	63	2.8	.33	2.5
410061	6.64	350.78	8.54	331.9	794	4.3	17.8	793	3.40	13.9	.1	59.7	.4	8.4	1.13	.25	.28	18	1.20	.084	1.7	1.9	.82	50.0	.003	3	1.54	.021	.26	.1	1.6	.09	2.50	47	3.1	.15	3.1
410062	2.86	292.30	9.68	155.9	773	4.6	17.2	631	3.61	12.0	.1	49.0	.3	8.0	.20	.28	.23	19	1.31	.083	1.3	1.2	.65	61.6	.002	2	1.41	.024	.30	.1	1.4	.10	3.03	8	3.8	.20	2.5
410063	5.32	635.06	14.70	161.9	1528	4.7	20.0	1023	4.65	11.0	.1	93.7	.4	15.1	.29	.29	.16	22	2.38	.080	1.4	2.8	.78	52.1	.002	<1	1.46	.018	.25	.1	1.7	.10	3.87	9	4.2	.14	2.8
410064	2.65	479.25	8.73	305.6	1181	4.5	13.1	1416	4.85	9.7	.1	66.1	.3	15.2	.43	.27	.07	44	2.01	.075	1.3	2.5	1.60	45.3	.003	<1	2.65	.018	.22	<.1	2.8	.09	1.49	13	1.4	.21	6.0
410065	2.82	239.97	6.73	181.8	1061	3.8	13.4	1114	3.79	5.6	.1	54.2	.2	12.3	.25	.13	.10	23	1.92	.081	.8	2.0	1.06	52.0	.002	<1	1.38	.015	.27	.4	2.1	.10	2.38	8	2.7	.47	2.7
410066	3.12	544.43	9.55	195.5	834	4.5	20.8	765	4.53	9.0	.1	51.7	.3	13.3	.50	.20	.17	23	1.87	.076	1.6	1.7	.67	43.3	.002	1	1.37	.020	.24	.1	1.8	.09	3.35	14	3.9	.22	3.2
410067	3.33	525.01	11.22	357.0	769	4.2	19.4	932	4.14	7.1	.1	32.4	.5	19.2	1.26	.35	.10	37	1.64	.081	2.6	3.1	1.12	82.7	.031	<1	1.77	.034	.21	.2	2.3	.07	2.50	32	2.9	.12	4.8
410068	2.39	1271.82	5.45	203.2	1394	5.4	24.8	640	4.67	6.4	.2	89.9	.5	15.7	.56	.21	.13	50	1.14	.077	2.0	3.0	1.16	102.0	.046	<1	1.92	.032	.31	.3	2.4	.10	1.90	10	2.8	.29	4.6
410069	1.99	165.09	5.20	127.8	318	45.9	22.7	1155	4.24	2.7	.3	29.0	1.3	82.4	.26	.16	.06	69	3.87	.103	6.0	97.9	1.99	95.1	.033	1	2.33	.015	.23	.3	7.0	.08	1.07	23	1.2	.36	5.8
410070(pulp)	5.98	1050.70	5.00	55.7	271	10.5	5.9	619	3.50	3.1	.4	76.1	1.9	44.1	.14	1.35	.59	35	.98	.055	5.7	19.8	.60	118.9	.068	4	.95	.071	.14	3.3	3.4	.04	.53	223	1.9	.02	4.0
410071	2.59	1615.58	4.05	129.1	1444	5.4	21.4	449	2.76	4.3	.1	62.1	.4	21.3	.25	.34	.07	32	.91	.082	1.4	2.9	.74	105.6	.136	1	1.46	.025	.39	.4	1.8	.10	1.72	13	2.7	.28	3.0
STANDARD DS7	20.68	109.87	70.08	410.3	885	55.8	9.5	626	2.40	45.8	4.8	68.4	4.4	70.0	6.25	5.64	4.41	84	.93	.080	12.6	165.7	1.05	368.3	.123	39	.97	.074	.44	4.0	2.5	4.27	.20	199	3.5	1.11	4.6

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ____

MPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm
1	.14	1.43	5.01	46.7	10	3.8	4.7	568	2.10	.1	2.8	.4	4.3	62.7	.01	<.02	.08
0072	4.23	827.68	5.50	206.3	649	5.8	28.9	472	4.07	5.9	.1	26.8	.3	19.4	.27	.32	.11
0073	3.45	1204.54	11.86	274.8	969	5.1	23.5	397	3.54	7.4	.1	48.6	.3	15.9	.82	.30	.08
0074	2.53	588.05	18.29	298.4	537	11.0	25.1	527	4.24	7.4	.1	27.1	.3	14.4	1.01	.27	.09
0075	2.17	268.50	16.48	121.4	347	40.0	31.4	917	5.32	5.9	.1	22.3	.3	30.1	.14	.23	.08
0076	2.16	1097.90	11.24	217.4	890	5.1	22.2	538	3.63	7.5	.1	41.2	.3	10.4	.50	.27	.07
0077	2.21	775.69	10.66	288.8	734	5.0	20.6	548	4.05	7.7	.1	43.3	.3	13.2	.74	.26	.07
0078	3.05	859.80	10.14	176.7	682	4.7	23.8	447	4.12	7.3	.1	36.7	.3	12.0	.25	.26	.06
0079	3.59	2441.30	11.59	154.9	1266	4.9	29.0	284	4.62	9.5	.1	87.5	.3	8.4	.43	.29	.10
'ANDARD DS7	20.69	108.24	68.61	417.0	880	55.1	9.6	625	2.39	47.1	4.8	64.5	4.3	69.3	6.34	5.79	4.40

MPLE#	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
1	42	.56	.088	7.3	7.4	.61	232.7	.144	1	1.00	.091	.56	<.1	2.1	.39	<.01	<5	.1	<.02	5.5
0072	30	.57	.088	.9	2.3	.83	66.9	.101	2	1.43	.018	.39	.4	1.6	.12	2.35	15	3.7	.17	3.2
0073	26	.55	.086	1.0	2.0	.57	52.5	.106	2	1.21	.025	.41	.3	1.5	.10	2.55	32	4.3	.26	2.7
0074	31	.83	.092	1.0	11.7	.86	37.6	.102	1	1.25	.031	.30	.3	1.7	.09	3.12	44	3.4	.22	3.5
0075	115	2.68	.080	1.3	103.3	2.61	81.8	.127	1	2.56	.026	.30	.3	9.3	.11	1.82	14	2.4	.20	7.0
0076	27	1.05	.084	1.1	2.0	.55	55.9	.111	2	1.11	.028	.44	.2	1.7	.12	2.42	32	3.4	.22	2.9
0077	32	.77	.086	.8	3.1	.69	112.8	.114	1	1.28	.023	.43	.3	1.6	.11	1.70	42	2.8	.17	3.1
0078	30	.64	.085	.8	2.0	.68	65.6	.116	2	1.20	.028	.37	.3	1.6	.10	2.22	19	3.4	.08	3.1
0079	30	.46	.079	1.0	1.8	.42	33.0	.111	3	1.09	.026	.46	.2	1.4	.18	2.86	34	3.9	.29	2.6
'ANDARD DS7	84	.93	.078	12.5	163.6	1.05	371.9	.122	38	.96	.073	.43	4.0	2.5	4.23	.21	202	3.6	1.07	4.7

Sample type: DRILL CORE R150.

Data ✓ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A605618 Page 1 (b)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.39	.1	.09	.32	43.9	.5	<.05	1.5	4.12	15.5	.02	<1	.3	33.4	<10	<2	30	-
408894	.32	<.1	.07	<.02	8.1	.1	<.05	2.3	2.05	13.0	<.02	27	.1	.9	<10	<2	30	4.80
408895	.37	<.1	.07	<.02	11.1	.1	<.05	2.7	2.90	29.3	.02	24	.2	1.4	<10	<2	30	4.80
408896	.31	<.1	.07	<.02	9.7	.1	<.05	2.1	2.44	23.1	<.02	8	.2	1.6	<10	<2	30	4.40
408897	1.20	<.1	.04	<.02	10.3	.2	<.05	1.5	4.28	21.7	.03	149	.3	3.0	<10	<2	30	4.50
408898	.45	<.1	.04	<.02	7.9	.1	<.05	1.4	4.93	17.7	<.02	10	.4	2.6	<10	<2	30	4.00
408899	.35	<.1	.03	<.02	9.6	.1	<.05	1.0	3.85	15.2	.02	4	.3	1.9	<10	<2	30	4.70
408900	1.39	<.1	.04	<.02	17.9	.3	<.05	1.0	8.23	17.5	.07	15	.6	3.0	<10	<2	30	4.80
408901	1.96	.1	.05	<.02	19.1	.6	<.05	1.2	11.15	32.8	.08	28	.9	4.9	<10	2	30	5.00
408902	1.47	<.1	.03	<.02	23.5	.3	<.05	.9	5.05	14.1	<.02	37	.8	2.7	<10	<2	30	5.40
408903	.83	<.1	.02	<.02	16.6	.2	<.05	.6	4.29	4.1	.05	11	.5	2.4	<10	2	30	5.40
408904	1.54	<.1	.03	<.02	25.3	.1	<.05	1.0	6.03	35.1	.02	6	.6	2.3	<10	<2	30	5.10
408905	2.29	<.1	.02	<.02	26.7	.1	<.05	.6	5.39	21.0	.02	2	.8	1.1	<10	<2	30	5.00
408906	2.68	.1	.05	<.02	39.2	.2	<.05	1.3	6.52	23.1	.03	5	.5	11.0	<10	<2	30	4.60
408907	1.32	<.1	.03	<.02	21.2	.2	<.05	.9	6.73	50.1	.04	17	.6	7.6	<10	<2	30	4.90
408908	1.30	<.1	.04	<.02	19.4	.1	<.05	.8	5.56	34.4	.03	7	.6	9.7	<10	<2	30	5.00
408909	1.50	<.1	.03	<.02	18.5	.1	<.05	.8	5.25	18.3	.03	5	.6	3.4	<10	<2	30	4.70
408910(pulp)	.57	.1	.02	.09	8.2	1.1	<.05	.8	3.98	5.6	.14	10	.2	.8	<10	<2	30	-
408911	3.91	<.1	.05	<.02	38.4	.3	<.05	1.4	7.75	54.5	.04	3	.7	6.3	<10	2	30	5.20
408912	5.83	.1	.05	<.02	36.8	.5	<.05	1.5	8.42	60.1	.12	2	1.1	12.1	<10	2	30	5.20
408913	2.71	<.1	.05	<.02	29.9	.2	<.05	1.3	6.93	28.5	.04	2	.6	10.8	<10	2	30	5.10
408914	4.57	.1	.06	<.02	24.8	.3	<.05	1.7	7.15	27.6	.07	4	.5	6.6	<10	<2	30	2.50
408915	4.00	<.1	.04	<.02	26.6	.2	<.05	1.5	5.09	16.3	.06	3	.6	4.8	<10	3	30	2.60
408916	.79	.1	.05	<.02	13.0	.6	<.05	2.0	8.90	14.7	.14	2	.6	4.6	11	5	30	2.70
408917	.72	.1	.06	<.02	10.1	.5	<.05	2.1	6.73	19.5	.07	1	.6	4.0	<10	3	30	2.50
408918	2.19	.1	.07	<.02	14.1	.9	<.05	1.7	5.59	22.2	.17	1	.8	4.8	<10	3	30	2.70
408919	1.42	<.1	.05	<.02	9.2	.8	<.05	1.3	8.24	38.4	.12	1	.7	5.0	13	4	30	2.50
408920	1.46	.1	.06	<.02	16.9	.6	<.05	1.7	8.89	39.3	.12	<1	.9	4.1	<10	6	30	2.60
408921	.73	<.1	.05	<.02	14.4	.1	<.05	1.6	5.19	12.3	.02	1	.5	3.5	<10	<2	30	4.10
408922	1.33	<.1	.04	.02	30.7	.1	<.05	1.6	5.16	15.5	<.02	2	.4	5.7	<10	<2	30	3.39
408923	1.85	<.1	.07	<.02	31.7	.2	<.05	2.9	7.13	16.8	.02	<1	.5	8.2	<10	2	30	4.70
RE 408923	1.84	<.1	.08	<.02	31.3	.2	<.05	3.1	7.11	17.3	<.02	1	.4	8.0	<10	2	30	-
RRE 408923	1.77	<.1	.08	.02	28.2	.2	<.05	2.8	6.63	15.6	<.02	1	.4	7.4	<10	2	30	-
408924	1.66	<.1	.05	.02	33.4	.1	<.05	1.7	5.89	19.1	.02	<1	.4	5.5	<10	2	30	5.00
408925	.95	<.1	.03	.02	22.7	.2	<.05	1.1	4.88	10.8	<.02	<1	.2	7.7	<10	<2	30	4.95
STANDARD DS7	6.35	.1	.11	.69	35.2	5.2	<.05	5.4	5.16	37.8	1.58	3	1.6	29.0	66	39	30	-

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

Data FA ____ DATE RECEIVED: AUG 28 2006 DATE REPORT MAILED:................. 09-27-06 P05:01 OUT

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A605618

ACME ANALYTICAL

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.68	.1	.13	.57	50.0	.7	<.05	1.8	5.89	20.1	<.02	1	.2	37.7	<10	<2	30	-
408926	1.62	.1	.03	.02	32.5	.1	<.05	1.0	4.72	17.0	<.02	1	.4	5.8	<10	3	30	4.52
408927	1.46	<.1	.02	.02	24.2	.1	<.05	1.0	3.89	20.6	.02	3	.2	1.8	<10	<2	30	5.00
408928	1.24	<.1	.02	.02	19.6	.1	<.05	.8	4.20	13.8	.02	1	.4	3.8	<10	<2	30	4.60
408929	.74	<.1	.03	.02	12.8	.1	<.05	1.5	3.86	10.6	<.02	1	.2	9.9	<10	2	30	4.70
408930(pulp)	.31	.1	.14	.19	3.9	1.5	<.05	3.7	7.51	11.3	.04	11	.2	2.3	<10	<2	30	-
408931	1.62	.1	.05	.03	29.4	.2	<.05	2.4	4.38	6.5	.02	1	.2	14.4	<10	3	30	5.00
408932	1.60	.1	.05	.03	35.1	.2	<.05	1.8	4.06	10.5	<.02	<1	.3	13.1	<10	<2	30	5.40
408933	1.82	<.1	.04	.02	31.9	.1	<.05	1.5	4.23	15.3	.02	1	.3	10.5	<10	2	30	5.30
RE 408933	1.71	<.1	.04	.02	29.8	.2	<.05	1.8	4.40	15.2	.02	<1	.3	11.0	<10	2	30	-
RRE 408933	1.82	<.1	.04	.02	30.0	.2	<.05	1.4	4.57	15.6	.02	2	.3	9.9	<10	<2	30	-
408934	2.49	.1	.04	.03	46.8	.2	<.05	1.7	4.98	14.7	.02	<1	.3	13.2	<10	2	30	5.50
408935	2.40	.1	.06	.05	43.3	.2	<.05	1.3	5.25	11.2	.02	1	.4	9.7	<10	2	30	5.00
408936	2.39	.1	.06	.03	44.9	.2	<.05	1.5	5.19	14.0	.02	<1	.4	14.3	<10	2	30	5.20
408937	1.81	.1	.07	.03	41.4	.2	<.05	2.7	4.14	14.5	.02	1	.4	12.6	<10	2	30	5.20
408938	1.03	<.1	.05	.03	21.9	.1	<.05	2.1	3.37	14.6	.02	<1	.3	4.8	<10	<2	30	4.90
408939	1.57	<.1	.02	<.02	26.0	.1	<.05	.9	4.41	14.1	<.02	1	.3	1.1	<10	2	30	5.40
408940	1.80	<.1	.04	.03	36.4	.1	<.05	1.4	4.89	11.2	<.02	<1	.2	10.1	<10	<2	30	5.00
408941	2.44	<.1	.04	.03	56.9	.1	<.05	1.0	5.51	13.7	.02	1	.4	13.4	<10	<2	30	5.30
408942	2.25	<.1	.03	.04	50.0	.2	<.05	1.0	6.34	14.6	<.02	<1	.4	9.4	<10	2	30	5.10
408943	2.38	<.1	.06	.04	49.8	.2	<.05	1.8	4.34	11.1	.02	<1	.3	11.3	<10	2	30	5.00
408944	1.75	<.1	.08	.04	36.3	.2	<.05	2.8	3.45	10.1	<.02	2	.3	13.5	<10	2	30	5.20
408945	1.81	.1	.07	.04	43.9	.2	<.05	2.6	3.36	6.4	<.02	1	.3	13.3	<10	2	30	5.50
408946	1.92	.1	.04	.03	34.8	.2	<.05	1.8	4.55	13.3	.02	1	.4	9.1	<10	2	30	4.70
408947	1.55	<.1	.04	.02	24.9	.1	<.05	2.1	4.47	14.5	.02	2	.3	4.0	<10	2	30	5.10
408948	1.21	<.1	.05	.04	24.5	.1	<.05	2.2	4.16	15.3	<.02	2	.3	7.4	<10	2	30	4.60
408949	1.21	<.1	.06	.02	26.9	.1	<.05	1.5	4.98	11.6	.02	<1	.3	10.2	<10	<2	30	4.80
408950(pulp)	.63	.1	.03	.13	8.5	1.1	<.05	.9	4.18	5.7	.15	9	.2	.9	<10	<2	30	-
408951	1.15	.1	.05	.04	25.5	.2	<.05	1.3	4.97	8.1	.02	<1	.3	15.7	<10	<2	30	5.00
408952	1.52	.1	.04	.04	35.3	.1	<.05	1.0	4.73	11.6	.02	<1	.3	14.2	<10	<2	30	4.60
408953	1.14	<.1	.05	.03	25.0	.2	<.05	2.2	4.61	12.8	<.02	2	.2	10.4	<10	<2	30	4.50
408954	.81	<.1	.06	.06	16.6	.1	<.05	2.5	3.20	9.5	<.02	1	.2	6.5	<10	3	30	4.60
408955	1.56	.1	.08	.02	29.0	.1	<.05	2.9	4.03	20.3	.02	1	.3	6.6	<10	3	30	4.70
408956	2.49	<.1	.06	<.02	22.5	.1	<.05	1.6	3.46	9.4	<.02	1	.3	3.1	<10	2	30	4.70
408957	1.92	<.1	.07	.02	24.5	.1	<.05	2.6	3.02	13.7	<.02	2	.4	2.6	<10	2	30	5.10
STANDARD DS7	6.29	.1	.13	.70	35.7	5.3	<.05	5.5	5.11	37.7	1.54	4	1.6	29.1	83	38	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A605618

ACME ANALYTICAL

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.17	.1	.14	.64	43.1	.7	<.05	1.8	5.77	19.5	.02	<1	.3	33.0	<10	<2	30	-
408958	1.23	<.1	.05	.03	19.6	.1	<.05	2.4	3.29	17.2	<.02	2	.3	.8	<10	<2	30	4.90
408959	1.11	<.1	.05	.02	21.1	.1	<.05	1.5	4.13	17.3	.02	2	.4	1.8	<10	<2	30	5.20
408960	.99	<.1	.04	.03	25.9	.1	<.05	1.5	4.67	13.6	<.02	3	.4	1.9	<10	2	30	5.00
408961	1.37	<.1	.04	.03	26.1	.1	<.05	1.6	4.83	6.1	.02	1	.3	4.8	<10	<2	30	5.20
RE 408961	1.44	<.1	.03	.04	27.6	.1	<.05	1.7	4.93	6.6	.02	<1	.3	4.7	<10	<2	30	-
RRE 408961	1.61	<.1	.05	.04	30.0	.1	<.05	1.9	5.37	7.3	.02	1	.4	5.2	<10	<2	30	-
408962	2.78	<.1	.05	<.02	26.6	.1	<.05	1.2	4.35	16.6	.02	<1	.5	5.1	<10	<2	30	5.00
408963	1.52	<.1	.05	.04	26.7	.1	<.05	1.7	4.23	19.2	.02	1	.4	4.2	<10	<2	30	5.50
408964	.74	<.1	.04	.02	16.6	.1	<.05	1.8	3.81	13.9	.02	<1	.3	2.4	<10	<2	30	5.10
408965	1.00	<.1	.04	.03	20.2	.1	<.05	2.4	4.14	14.1	.02	<1	.3	3.6	<10	<2	30	4.90
408966	1.12	<.1	.04	.02	21.3	.1	<.05	1.6	3.56	11.0	.03	2	.4	2.0	<10	2	30	5.10
408967	1.15	<.1	.03	.03	25.0	.1	<.05	1.2	4.15	10.6	.02	<1	.4	4.0	<10	<2	30	4.80
408968	1.51	<.1	.04	.05	32.4	.2	<.05	7.1	5.10	17.6	.03	<1	.4	4.7	<10	<2	30	5.50
408969	1.66	<.1	.05	.04	29.3	.2	<.05	1.6	4.25	8.8	.03	<1	.4	8.2	<10	<2	30	5.10
408970(rock)	.33	<.1	.19	.22	5.7	.4	<.05	3.1	5.06	16.4	<.02	<1	.3	3.5	<10	<2	30	.20
408971	1.41	.1	.05	.03	26.6	.2	<.05	2.1	4.00	10.3	.02	<1	.3	9.8	<10	<2	30	5.20
408972	2.04	.1	.06	.04	35.3	.2	<.05	2.0	4.58	12.1	.03	1	.3	11.7	<10	<2	30	5.50
408973	2.04	<.1	.04	.03	31.1	.2	<.05	1.4	4.33	13.2	.02	2	.5	8.8	<10	3	30	5.50
408974	2.34	.1	.02	.04	47.9	.2	<.05	.9	5.77	12.6	.02	<1	.5	11.9	<10	2	30	5.50
408975	1.80	.1	.03	.03	35.8	.5	<.05	1.1	5.44	12.3	.02	<1	.4	8.9	<10	<2	30	5.50
408976	2.63	.1	.04	.03	56.9	.2	<.05	1.0	5.48	7.9	.02	<1	.4	16.5	<10	<2	30	5.60
408977	2.05	.1	.07	.06	45.1	.2	<.05	2.2	5.58	10.1	.02	<1	.3	12.7	<10	<2	30	5.10
408978	1.06	<.1	.05	.02	17.3	.2	<.05	1.8	6.92	12.6	.03	<1	.3	15.2	<10	<2	30	5.10
408979	1.53	.1	.06	.04	30.3	.2	<.05	2.1	5.81	12.9	.02	<1	.4	14.3	<10	<2	30	5.10
408980	2.25	.1	.06	.04	44.4	.2	<.05	2.0	6.17	14.9	.02	<1	.5	14.1	<10	<2	30	5.50
408981	1.63	<.1	.07	.02	30.6	.2	<.05	1.7	6.02	14.7	.04	1	.5	9.5	<10	<2	30	5.10
408982	5.86	.1	.07	.02	40.8	.3	<.05	2.3	6.58	22.1	.05	<1	.6	8.1	<10	<2	30	4.50
408983	3.13	.1	.05	<.02	35.1	.3	<.05	1.5	4.83	14.2	.06	<1	.5	8.6	<10	3	30	5.00
408984	2.08	<.1	.06	<.02	28.2	.2	<.05	2.9	3.35	6.6	.03	12	.5	7.7	<10	2	30	5.00
408985	.79	.1	.12	.04	22.6	.2	<.05	2.9	3.72	12.5	.03	3	.6	3.2	<10	2	30	5.00
408986	1.11	<.1	.04	.02	25.7	.2	<.05	2.1	4.73	10.8	.03	2	.6	5.2	<10	2	30	5.10
408987	1.61	<.1	.08	.07	36.6	.3	<.05	2.8	5.50	18.8	.04	1	.5	6.5	<10	<2	30	5.00
408988	1.31	<.1	.07	.03	32.8	.2	<.05	2.5	5.87	21.6	.03	1	.5	6.7	13	<2	30	5.00
408989(pulp)	.64	<.1	.09	.13	7.6	3.0	<.05	2.7	6.64	9.8	.15	28	.3	2.1	<10	<2	30	-
STANDARD DS7	6.29	.1	.12	.70	35.4	5.3	<.05	5.4	5.14	37.7	1.54	3	1.6	29.1	76	32	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Sample	Total
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm	kg
G-1	3.52	.1	.11	.48	44.2	.7	<.05	1.9	5.64	19.4	.02	<1	.3	36.0	<10	<2	30	-
408990	.49	<.1	.05	.05	12.6	.2	<.05	2.0	4.04	17.5	.02	<1	.4	3.5	<10	<2	30	5.00
408991	.40	<.1	.06	<.02	11.1	.2	<.05	2.1	3.84	20.1	.04	<1	.5	5.5	<10	3	30	4.90
408992	.40	<.1	.06	<.02	13.2	.2	<.05	2.3	3.48	10.4	.02	<1	.3	3.9	<10	<2	30	4.90
408993	.73	<.1	.06	.02	21.9	.2	<.05	2.5	4.30	9.3	.04	<1	.3	6.2	<10	2	30	5.10
408994	2.90	<.1	.04	.02	28.5	.2	<.05	1.6	6.31	18.1	.04	<1	.5	6.5	<10	2	30	5.00
408995	2.07	<.1	.04	.02	19.0	.2	<.05	1.4	4.87	14.8	.05	1	.5	4.5	<10	<2	30	5.00
408996	2.09	<.1	.07	.03	27.6	.2	<.05	2.2	5.28	17.2	.02	6	.4	4.8	<10	<2	30	5.00
408997	2.56	.1	.07	.03	71.4	.4	<.05	2.4	8.00	21.7	.04	1	.6	17.0	<10	<2	30	5.10
408998	1.43	.1	.14	.06	46.3	.3	<.05	4.2	7.74	21.5	.03	1	.4	12.8	<10	<2	30	5.00
408999	2.44	<.1	.08	.02	68.5	.3	<.05	2.2	8.70	23.5	.04	<1	.6	18.6	<10	<2	30	5.00
409000	1.60	.1	.08	.02	55.3	.4	<.05	2.3	8.86	23.5	.04	<1	.5	18.8	<10	<2	30	5.00
410051	.31	<.1	.07	.02	10.4	.3	<.05	2.7	9.79	26.9	.03	3	.3	11.1	<10	<2	30	1.50
410052	.31	.1	.03	.06	7.2	.4	<.05	1.2	3.69	2.9	<.02	15	.1	18.2	<10	<2	30	3.50
410053	.28	<.1	.04	.04	7.3	.4	<.05	1.3	2.45	1.9	.12	19	.2	16.0	<10	<2	30	3.60
410054	.30	.1	.03	.08	7.2	.4	<.05	5.3	1.70	1.6	.45	56	.1	14.2	61	<2	30	5.20
410055	.39	.1	.04	.07	9.2	.4	<.05	1.1	2.52	2.1	.03	57	.2	18.7	<10	<2	30	4.60
RE 410055	.42	<.1	.03	.08	9.8	.6	<.05	1.2	2.82	2.2	.03	57	.1	18.5	<10	<2	30	-
RRE 410055	.40	<.1	.04	.08	8.5	.5	<.05	1.1	2.68	2.0	.03	54	.1	18.8	<10	<2	30	-
410056	.64	.1	.03	.06	9.5	.4	<.05	1.8	3.57	3.3	.07	94	.2	18.5	<10	<2	30	3.70
410057	.46	<.1	.05	.05	8.7	.5	<.05	1.6	3.39	3.5	.12	117	.2	16.2	<10	<2	30	4.50
410058	.39	<.1	.02	.05	7.5	.4	<.05	1.1	3.23	3.4	.08	97	.2	20.0	<10	<2	30	5.40
410059	.53	.1	.04	<.02	7.0	.2	<.05	2.0	2.29	4.1	.14	161	.1	18.9	<10	<2	30	4.90
410060	.53	<.1	.07	<.02	9.5	.2	<.05	1.8	1.98	4.0	.18	106	.1	12.8	<10	<2	30	2.10
410061	.50	<.1	.04	<.02	8.4	.2	<.05	1.5	2.07	4.3	.08	67	.2	18.9	<10	<2	30	6.50
410062	.55	<.1	.02	<.02	9.9	.3	<.05	1.2	1.82	3.1	.05	35	.1	14.4	<10	<2	30	4.30
410063	.55	<.1	.02	<.02	8.3	.2	<.05	1.3	2.17	3.5	.03	72	.1	16.8	<10	<2	30	5.50
410064	.43	<.1	<.02	<.02	8.0	.2	<.05	1.8	2.04	3.1	.04	51	.2	38.1	<10	<2	30	5.20
410065	.59	<.1	.02	<.02	9.6	.2	<.05	1.2	1.97	2.0	.02	28	.2	15.2	<10	<2	30	4.70
410066	.71	<.1	.02	<.02	8.1	.2	<.05	1.0	2.30	3.9	.04	40	.2	13.2	<10	<2	30	4.70
410067	.54	<.1	.07	.06	6.8	.3	<.05	1.2	4.37	6.0	.04	52	.2	19.7	<10	<2	30	4.00
410068	.53	.1	.03	.04	10.1	.3	<.05	.9	4.86	5.0	.06	69	.1	15.3	<10	<2	30	4.50
410069	.46	.1	.05	.03	7.4	.2	<.05	1.5	5.43	12.7	.02	27	.3	15.0	<10	2	30	3.50
410070(pulp)	.30	.1	.15	.19	3.8	1.6	<.05	4.0	7.50	12.0	.04	10	.2	2.5	<10	<2	30	-
410071	.49	<.1	.05	.09	11.5	.3	<.05	1.2	3.72	3.4	.04	61	.2	8.5	<10	<2	30	5.00
STANDARD DS7	6.26	.1	.14	.69	35.9	5.3	<.05	5.5	5.19	37.9	1.57	4	1.6	29.5	60	36	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.60	.1	.11	.41	46.4	.5	<.05	1.6	4.48	15.3	<.02	<1	.4	35.2	<10	<2	30	-
410072	.54	<.1	.03	.05	11.0	.2	<.05	.9	2.38	2.2	.02	80	.2	9.6	<10	<2	30	4.50
410073	.51	<.1	.04	.08	10.8	.3	<.05	1.2	2.91	2.4	.02	85	.1	7.1	<10	<2	30	3.90
410074	.53	<.1	.03	.07	9.0	.2	<.05	1.0	4.06	2.4	.02	46	.2	9.3	<10	<2	30	4.60
410075	.63	.1	.04	.03	10.1	.3	<.05	1.1	5.51	3.1	.02	27	.2	20.3	<10	3	30	4.50
410076	.56	<.1	.04	.08	11.9	.2	<.05	1.1	5.10	2.8	.03	42	.1	6.0	<10	<2	30	6.50
410077	.61	<.1	.04	.06	11.4	.2	<.05	1.3	2.87	2.0	.02	56	.1	7.2	<10	<2	30	4.60
410078	.44	<.1	.04	.08	10.2	.2	<.05	1.2	3.75	2.1	.02	55	.1	6.9	<10	<2	30	4.20
410079	.55	<.1	.03	.09	12.3	.2	<.05	1.0	4.01	2.5	.02	63	.3	4.4	<10	<2	30	3.90
STANDARD DS7	6.34	.1	.12	.72	35.5	5.2	<.05	5.4	5.18	38.0	1.57	4	1.7	28.8	66	38	30	-

Sample type: DRILL CORE R150.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606241 Page 1 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gerry Bidwell

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.25	9.27	15.74	47.3	206	3.9	4.3	555	1.97	.9	2.9	1.5	4.4	66.3	.06	.39	.09	37	.55	.071	9.3	14.7	.59	200.4	.124	1	1.03	.086	.49	<.1	2.4	.35	.05	<5	1.5	.03	5.3
410080	2.67	1765.55	11.75	254.5	1100	4.6	20.5	444	3.86	10.0	.1	62.8	.3	13.1	.48	.36	.08	34	.56	.081	1.1	3.6	.81	128.1	.115	3	1.23	.024	.29	.2	1.8	.10	1.10	47	2.3	.15	3.5
410081	3.86	2044.93	6.87	183.9	911	4.7	19.5	326	3.89	7.1	.1	68.8	.4	8.2	.37	.28	.12	27	.40	.082	1.1	3.4	.68	98.2	.092	2	1.06	.015	.28	.2	1.4	.08	1.52	40	3.0	.18	3.1
410082	3.00	3497.42	6.53	122.0	1596	5.0	29.5	366	3.82	8.8	.1	102.7	.3	14.3	.28	.30	.14	24	.56	.087	1.1	7.4	.57	79.7	.084	1	.96	.014	.24	.3	1.5	.06	1.76	38	3.1	.18	2.4
410083	1.99	2641.59	4.00	185.4	1294	4.5	21.0	458	3.82	4.9	.1	85.0	.3	13.2	.41	.21	.07	34	.78	.081	1.0	3.1	.80	60.7	.089	<1	1.11	.014	.18	.2	1.5	.04	1.28	31	3.1	.14	3.1
410084	.60	2134.48	7.82	101.6	1729	5.7	14.1	867	3.00	2.5	.3	76.2	1.0	97.3	.45	.16	.06	26	2.43	.115	4.2	7.6	.94	76.0	.049	1	1.29	.014	.15	.1	2.0	.03	.56	11	1.2	.12	4.7
410085	.91	379.39	6.89	104.5	309	5.7	15.2	831	3.16	2.8	.3	16.9	1.0	80.4	.22	.12	.06	27	2.06	.119	4.2	7.2	1.06	92.5	.046	1	1.45	.019	.18	.1	2.1	.04	.74	11	1.6	.10	4.8
410086	1.45	2307.09	3.64	171.5	1648	5.4	19.1	696	3.24	8.0	.1	93.7	.3	11.7	.31	.16	.10	22	.59	.075	.9	3.5	.93	45.4	.073	<1	1.24	.010	.13	.3	1.4	.03	1.37	9	3.3	.12	3.3
410087	1.48	2007.48	3.13	163.0	1664	5.0	17.7	639	4.04	4.9	.1	104.5	.3	13.6	.37	.13	.06	31	.67	.078	1.0	3.0	.95	72.0	.080	<1	1.39	.016	.19	.2	1.6	.04	1.16	21	2.4	.21	3.8
RE 410087	1.61	1995.80	3.09	161.3	1595	4.8	17.0	640	3.97	4.7	.1	103.5	.3	14.7	.36	.14	.07	32	.68	.077	1.0	2.9	.94	74.5	.088	1	1.43	.015	.20	.2	1.8	.04	1.14	13	2.6	.23	3.9
RRE 410087	1.50	1929.77	2.98	161.8	1659	4.8	16.8	622	3.88	4.8	.1	117.7	.3	13.2	.35	.15	.06	29	.66	.080	.9	2.6	.95	59.1	.082	<1	1.32	.013	.15	.2	1.5	.03	1.13	16	2.4	.22	3.6
410088	1.44	1224.02	2.88	127.3	885	5.4	14.5	604	4.28	4.1	.1	70.7	.3	21.8	.14	.16	.04	42	.59	.079	1.3	4.9	.89	65.4	.101	1	1.47	.019	.19	.3	2.5	.04	.43	<5	1.0	.14	4.1
410089	1.65	794.46	2.22	141.5	558	5.5	15.0	726	5.09	2.0	.1	50.3	.3	16.4	.08	.09	.04	58	.74	.083	1.5	4.9	1.30	46.7	.081	<1	1.80	.018	.10	.2	2.0	.02	.28	<5	.6	.08	5.8
410090(pulp)	9.54	9694.70	19.13	82.1	3006	375.9	14.7	871	7.12	9.4	.1	977.7	1.2	80.0	.35	7.33	.73	45	2.02	.057	2.7	454.3	.95	72.4	.004	3	.50	.037	.32	1.1	4.8	.10	1.18	1211	10.8	.27	2.3
410091	1.02	1498.43	1.85	86.2	653	3.5	11.1	609	3.76	1.9	.1	80.6	.8	31.6	.12	.08	.04	31	1.73	.081	4.5	2.0	.81	88.2	.033	<1	1.20	.015	.14	.2	1.5	.09	.35	6	1.1	.09	3.9
410092	1.57	745.89	4.80	135.0	687	4.1	23.0	894	4.23	4.4	.1	57.0	.7	23.3	.12	.75	.06	32	1.46	.084	2.5	3.8	1.18	70.5	.033	1	1.71	.014	.17	.2	1.8	.06	1.13	15	2.5	.12	4.8
410093	1.56	2435.25	2.49	193.1	1217	4.9	21.4	678	4.79	4.1	.1	88.0	.2	11.4	.43	.16	.05	42	.46	.082	.6	3.2	1.06	50.2	.071	<1	1.47	.016	.12	.2	1.3	.03	.82	10	4.0	.22	4.2
410094	1.32	1399.40	1.36	87.9	768	7.1	16.5	473	4.84	2.5	<.1	70.0	.2	19.8	.17	.10	.03	67	.56	.082	.8	5.1	1.10	69.5	.098	<1	1.45	.024	.14	.3	1.7	.03	.39	<5	1.0	.20	4.3
410095	1.10	845.95	1.92	102.6	526	20.4	28.3	766	4.52	3.6	<.1	45.3	.2	39.9	.08	.19	.03	91	1.00	.113	1.0	27.5	2.17	41.7	.173	1	2.37	.021	.11	.4	3.3	.03	.27	5	.8	.07	5.0
410096	1.56	1306.54	1.53	99.4	1035	4.2	14.8	470	2.89	3.2	.1	78.7	.2	37.7	.18	.09	.05	30	1.39	.084	.5	3.3	1.02	41.5	.080	1	1.25	.012	.13	.3	1.1	.03	1.41	7	1.8	.17	3.2
410097	1.43	615.01	3.59	92.3	989	3.0	16.8	531	4.80	5.1	<.1	56.4	.2	120.8	.27	.10	.07	30	3.92	.070	.5	3.5	.74	43.4	.059	<1	1.01	.010	.12	.8	.9	.03	3.74	11	1.3	.53	2.4
410098	1.60	1823.25	6.19	76.0	2009	3.2	14.7	537	4.61	1.8	<.1	152.1	.3	145.4	.56	.12	.07	26	4.77	.073	.6	1.8	.61	44.5	.060	<1	.79	.007	.12	3.4	.8	.02	3.93	12	2.7	.36	2.0
410099	1.54	727.89	2.62	131.3	825	54.5	24.9	961	4.02	.7	.1	54.0	.3	131.3	.34	.07	.03	56	5.22	.068	.8	138.3	2.29	33.9	.068	1	1.90	.006	.06	.3	6.3	<.02	2.94	<5	.6	.13	4.8
410100	3.60	1144.31	3.52	200.0	705	3.3	14.7	486	3.25	1.2	.1	107.4	.3	125.7	.85	.13	.25	23	3.87	.076	.7	2.4	.73	44.1	.056	1	.94	.008	.10	.2	.8	.03	3.44	18	1.7	.31	2.7
410101	1.98	1924.67	3.15	131.1	1064	4.3	15.4	627	3.83	1.3	<.1	206.6	.2	123.6	.35	.14	.16	30	4.95	.059	.6	5.1	.71	44.8	.062	1	.88	.009	.11	.1	.8	.03	3.94	9	2.0	.26	2.6
410102	1.39	1969.26	1.76	102.2	1141	3.8	12.4	455	3.21	2.4	<.1	271.9	.2	90.4	.18	.13	.15	23	3.57	.069	<.5	2.2	.73	42.1	.068	1	.90	.007	.11	.3	.6	.02	3.61	22	1.9	.27	2.2
410103	2.02	1731.49	2.04	83.2	824	3.1	13.5	362	2.97	2.7	<.1	182.0	.3	101.3	.12	.11	.22	25	3.82	.074	.6	2.5	.79	41.8	.074	1	1.02	.011	.11	.2	1.0	.02	3.91	18	1.7	.35	2.9
410104	1.20	4116.72	2.74	71.1	1542	3.5	8.9	427	3.40	1.1	.1	1427.2	.4	105.2	.18	.14	.57	37	3.58	.083	1.0	6.5	.97	44.0	.090	1	1.40	.022	.14	.2	1.8	.03	3.03	21	3.5	.64	4.2
410105	1.71	4115.09	58.50	52.4	1358	3.4	11.6	373	3.97	1.4	<.1	875.7	.4	93.2	.13	.13	.17	42	3.13	.079	.7	3.1	.91	29.3	.053	<1	1.22	.014	.09	.1	1.3	.02	3.03	16	3.6	.24	4.1
410106	1.06	5760.46	1.64	105.6	2130	3.9	11.2	294	4.43	.8	<.1	1002.5	.3	111.6	.12	2.81	.29	68	3.31	.075	.7	4.9	1.15	20.3	.064	<1	1.42	.014	.05	.1	1.4	<.02	2.90	21	3.6	.22	5.1
410107	1.50	>10000	1.74	58.9	3818	4.6	12.9	478	5.00	1.3	.1	2940.1	.6	69.1	.30	.13	.22	62	2.28	.118	1.0	8.3	.94	28.8	.061	<1	1.31	.024	.09	.2	2.1	<.02	2.62	53	10.0	.66	5.9
410108	3.42	4322.19	1.29	35.4	1039	2.4	10.3	213	2.72	1.1	<.1	769.6	.3	92.0	.13	.13	.16	33	2.82	.076	.8	4.7	.66	23.3	.043	1	.85	.019	.07	.1	1.2	<.02	2.80	16	3.7	.13	3.5
410109	2.33	5506.01	1.55	54.3	1685	3.4	12.2	464	4.85	1.4	<.1	1387.9	.4	93.2	.13	.13	.17	67	2.87	.060	1.0	6.7	.75	23.3	.016	1	1.14	.024	.07	<.1	2.3	<.02	2.60	14	3.8	.13	4.6
410110(pulp)	8.58	4504.31	8.89	77.3	1037	10.1	8.7	778	5.41	6.5	.3	368.2	1.6	167.8	.29	4.56	1.11	36	2.03	.071	3.9	16.7	.91	54.5	.017	2	.73	.044	.26	5.2	4.5	.17	1.61	913	7.7	.13	2.9
410111	1.19	4580.35	1.42	57.1	2443	2.9	9.5	574	3.08	.8	<.1	2144.1	.6	105.1	.08	.13	.11	39	3.10	.140	1.0	3.7	.94	20.8	.057	<1	1.25	.019	.06	.2	1.5	.04	2.58	16	3.1	.10	4.5
STANDARD DS7	21.62	102.97	72.26	411.6	901	56.3	9.9	641	2.43	54.7	5.2	78.5	4.8	74.7	6.82	6.35	4.83	84	.96	.081	14.2	180.4	1.08	392.4	.126	39	1.01	.078	.47	4.2	2.6	4.38	.20	209	3.7	1.15	5.3

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ **FA** _____ **DATE RECEIVED:** SEP 6 2006 **DATE REPORT MAILED:**................

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm
G-1	.30	14.80	14.32	52.8	189	4.4	4.6	560	2.00	1.3	2.9	.2	4.1	64.7	.08	.43	.10	37	.56	.078	8.7
410112	2.44	2690.74	1.41	56.7	1213	2.6	11.4	433	2.03	2.6	<.1	662.8	.3	74.1	.18	.11	.26	20	3.24	.072	.7
410113	1.20	1705.79	1.99	81.9	751	4.2	14.5	479	4.05	1.7	<.1	318.7	.3	86.6	.06	.10	.17	64	2.90	.087	1.0
410114	1.30	>10000	3.70	83.9	4228	4.4	12.9	542	5.76	2.0	.1	2036.6	.6	108.6	.26	.14	.20	81	3.68	.111	1.5
410115	.71	>10000	3.73	94.1	15504	5.4	13.9	373	5.75	4.2	.1	11198.3	2.5	128.3	.68	.30	.40	37	4.51	.526	3.2
410116	.88	>10000	3.13	105.8	10549	6.4	15.4	326	6.04	2.2	.1	8100.5	1.1	100.9	.52	.27	.36	56	3.29	.214	1.8
410117	2.05	2392.72	3.88	111.1	1196	14.0	25.4	922	6.87	.9	.1	323.9	.4	137.8	.31	.07	.10	143	4.33	.094	1.7
410118	1.39	5573.85	2.75	75.3	2402	3.5	12.6	381	5.45	1.7	<.1	1363.6	.4	146.8	.38	.16	.24	65	3.61	.075	1.5
410119	1.61	6672.86	2.27	100.5	3022	4.4	13.0	662	5.75	1.7	.1	1443.9	1.2	85.5	.24	.12	.23	61	3.01	.133	1.3
410120	2.17	2847.10	1.23	36.9	1229	3.5	10.6	456	2.18	1.4	<.1	285.0	.4	91.5	.09	.11	.14	24	4.35	.072	.9
410121	.75	2869.00	.90	44.1	1328	5.0	13.8	507	2.93	1.4	<.1	648.5	.4	97.8	.08	.10	.33	37	4.32	.093	1.3
410122	.98	2809.15	1.06	43.8	1221	4.7	9.9	585	3.77	.5	<.1	424.1	.4	91.5	.10	.07	.22	55	3.62	.078	1.0
410123	1.69	1509.04	.80	31.0	587	2.8	8.9	393	2.30	.8	<.1	123.1	.3	127.4	.04	.07	.08	36	5.34	.062	.7
410124	1.31	4680.23	.78	36.5	1647	3.8	10.8	389	2.77	.7	<.1	429.3	.3	151.7	.10	.12	.41	31	5.98	.078	.7
410125	5.36	3773.91	.86	41.9	1306	4.9	10.6	452	2.37	.9	.1	315.4	.4	72.7	.10	.09	.14	33	3.56	.080	.7
410126	1.44	2665.36	.92	48.9	847	5.3	17.6	405	2.53	1.0	<.1	128.1	.3	97.9	.05	.07	.10	40	4.23	.080	.6
410127	1.30	2714.72	.57	29.4	1092	3.8	7.2	332	1.89	.9	<.1	316.8	.3	121.2	.08	.06	.18	27	5.33	.071	.7
410128	1.21	3935.52	.90	39.5	1043	3.9	9.4	387	2.20	1.2	<.1	211.1	.3	101.4	.05	.06	.19	40	4.03	.078	.8
410129	1.83	3230.45	.93	60.9	929	6.7	18.5	647	3.54	1.2	.1	125.1	.2	87.0	.10	.08	.10	58	3.74	.100	.8
410130(rock)	.60	89.90	5.82	28.0	71	2.6	5.2	294	1.51	1.3	.9	4.3	4.0	99.8	.09	.21	.02	31	.86	.068	8.5
410131	1.04	2571.71	.77	44.3	798	4.0	15.1	473	2.70	1.5	<.1	134.6	.3	84.0	.05	.05	.13	34	3.55	.106	.7
410132	.99	1689.90	1.92	54.1	763	4.0	29.0	472	2.80	1.2	<.1	59.9	.3	83.9	1.54	.06	.05	49	3.26	.082	.8
410133	1.67	2078.86	.65	39.6	562	5.3	23.8	423	2.71	1.3	<.1	65.8	.2	99.7	.06	.05	.09	45	3.66	.080	.6
410134	2.39	2622.89	.72	56.8	1105	3.9	30.9	646	3.66	2.0	<.1	101.5	.3	75.6	.08	.08	.17	44	2.90	.081	.5
410135	6.33	2253.60	.80	27.1	634	4.3	10.8	269	2.59	1.0	<.1	272.3	.4	111.5	.04	.04	.06	36	4.38	.038	.7
410136	19.10	5226.60	.61	33.2	911	4.6	30.8	276	2.77	1.2	<.1	268.1	.3	87.8	.04	.06	.09	38	2.78	.050	.6
410137	13.31	1882.94	1.10	56.1	619	26.5	31.3	783	3.64	1.2	<.1	69.9	.2	108.4	.06	.09	.05	86	4.57	.073	1.0
410138	2.42	851.52	.73	53.9	354	4.3	15.4	580	2.49	1.8	.1	54.4	.2	87.1	.03	.08	.08	34	2.97	.074	.8
410139	.88	51.36	6.18	56.0	264	4.7	7.6	597	1.40	2.5	.1	33.2	.3	36.6	.09	.22	.04	17	1.46	.069	1.3
410140	4.25	1081.70	.97	41.9	695	4.1	23.6	450	2.94	1.6	.1	78.5	.3	100.2	.10	.05	.15	26	4.56	.078	.6
RE 410140	4.39	1052.86	.89	40.8	659	3.7	22.6	441	3.01	1.5	<.1	77.1	.3	97.3	.08	.05	.14	27	4.51	.073	.6
RRE 410140	3.86	1024.67	.98	40.0	623	3.8	21.5	424	2.77	1.7	<.1	75.2	.3	92.5	.09	.05	.14	26	4.12	.073	.6
410141	4.09	1461.34	.78	35.4	738	3.4	22.8	468	2.85	1.6	<.1	103.0	.2	74.1	.05	.05	.09	24	3.43	.071	.5
410142	4.61	2876.23	.56	40.6	1296	3.5	15.7	471	1.66	1.3	<.1	234.9	.2	76.8	.03	.07	.15	22	4.02	.070	.5
410143	1.06	2234.97	.46	49.4	1012	4.3	10.2	569	2.63	1.1	<.1	262.7	.2	71.8	.04	.14	.11	35	3.51	.071	.6
STANDARD DS7	21.56	107.94	73.99	414.2	924	56.3	9.6	646	2.46	54.7	5.3	80.8	4.8	76.5	6.69	6.38	4.90	84	.97	.082	13.4

SAMPLE#	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	13.9	.59	204.6	.126	<1	1.01	.082	.50	<.1	2.2	.36	.05	15	1.2	<.02	5.4
410112	2.9	.81	22.0	.070	1	.93	.014	.10	.2	1.1	.04	3.11	17	1.9	.24	2.7
410113	4.8	1.30	22.8	.062	<1	1.64	.020	.07	<.1	1.8	.02	2.36	16	1.4	.13	5.6
410114	3.4	1.33	18.5	.020	1	1.66	.024	.05	<.1	3.9	.02	2.33	27	7.4	.24	7.9
410115	4.5	.83	27.6	.013	<1	1.05	.021	.06	.2	2.3	.02	4.40	81	25.4	.70	5.5
410116	2.8	.88	22.8	.016	<1	1.15	.020	.06	.1	2.7	.02	4.50	57	14.1	.77	6.0
410117	40.1	2.52	23.2	.010	1	3.07	.018	.06	.1	13.0	.02	1.54	9	1.1	.12	9.9
410118	4.0	.89	24.8	.010	1	1.31	.017	.06	.1	2.9	.02	3.15	18	3.7	.28	5.9
410119	5.8	1.13	28.5	.017	<1	1.54	.017	.06	.1	3.1	.03	2.74	37	5.4	.57	7.1
410120	4.3	.95	22.3	.054	<1	1.13	.015	.11	.2	1.6	.06	3.78	10	2.7	.37	2.8
410121	5.8	1.36	20.5	.069	<1	1.69	.022	.10	.1	2.0	.04	3.64	25	4.1	.60	5.5
410122	6.2	1.44	15.8	.012	<1	1.96	.019	.06	<.1	3.0	.03	2.47	27	2.2	.36	7.0
410123	3.6	.94	17.7	.026	<1	1.21	.017	.07	<.1	1.7	.03	4.10	8	1.2	.08	4.0
410124	1.8	.89	22.3	.021	<1	1.20	.017	.10	<.1	1.7	.03	4.94	15	4.1	.48	3.9
410125	4.8	1.09	30.4	.059	1	1.48	.025	.11	<.1	1.4	.04	2.82	24	2.7	.24	3.3
410126	7.7	1.34	22.4	.075	<1	1.65	.027	.10	<.1	1.6	.04	3.75	17	1.9	.13	4.5
410127	8.4	1.04	18.8	.047	<1	1.17	.019	.10	<.1	1.4	.04	4.48	12	2.3	.19	3.2
410128	3.3	1.38	29.8	.085	1	1.55	.033	.10	.1	1.9	.04	3.74	26	2.4	.23	4.3
410129	6.7	1.96	25.2	.116	<1	2.04	.021	.07	.2	1.9	.03	3.09	28	2.3	.15	5.0
410130(rock)	6.9	.43	249.1	.078	2	.84	.064	.13	<.1	1.4	.02	.12	52	.1	<.02	3.5
410131	3.0	1.48	33.1	.093	1	1.66	.020	.11	.2	1.4	.06	3.43	21	2.1	.24	4.6
410132	3.8	1.64	25.2	.110	1	1.86	.032	.10	1.8	1.9	.04	3.32	23	2.2	.15	5.1
410133	3.2	1.61	25.1	.096	1	1.74	.024	.09	.3	1.6	.03	3.50	7	2.0	.12	5.2
410134	3.1	1.72	24.7	.096	1	1.89	.022	.09	.3	1.5	.03	3.68	17	3.5	.18	5.3
410135	8.3	.95	22.3	.069	1	1.19	.023	.07	.5	1.3	.02	3.95	10	2.4	.12	3.8
410136	4.6	1.35	19.0	.072	1	1.39	.019	.05	.1	1.1	.02	3.11	23	3.1	.08	4.3
410137	78.4	2.44	17.2	.115	<1	2.28	.025	.05	.8	5.1	.02	3.01	18	1.4	.13	6.7
410138	3.8	1.21	38.5	.083	<1	1.36	.021	.08	.2	1.2	.03	2.66	7	1.4	.06	3.9
410139	5.6	.94	83.8	.081	1	1.18	.027	.15	.4	.9	.05	.46	50	<.1	.34	3.1
410140	3.2	1.22	34.4	.079	<1	1.25	.020	.11	.3	1.3	.04	4.97	<5	3.0	.31	3.7
RE 410140	3.0	1.20	34.7	.083	1	1.24	.019	.11	.3	1.2	.03	4.91	6	2.6	.24	3.6
RRE 410140	2.7	1.17	34.8	.082	1	1.19	.016	.10	.2	1.3	.03	4.59	<5	2.8	.27	3.2
410141	4.9	1.27	30.8	.074	1	1.35	.016	.14	.2	1.2	.04	4.10	<5	2.6	.08	3.1
410142	2.3	1.18	26.1	.074	1	1.09	.015	.12	.3	1.2	.03	3.91	12	2.5	.09	2.6
410143	3.1	1.40	21.7	.080	1	1.53	.016	.11	.2	1.4	.03	3.28	7	1.8	.06	4.5
STANDARD DS7	174.0	1.09	391.2	.125	42	1.01	.079	.47	4.2	2.7	4.51	.21	217	3.4	1.20	5.0

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606241R

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gerry Bidwell

SAMPLE#	Cu %
410107	1.129
410114	1.063
410115	3.774
410116	2.989
STANDARD SF-3	.764

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: CORE PULP

Data___ FA _____ DATE RECEIVED: NOV 9 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER
Raymond Chan

Geoinformatics Exploration PROJECT REDTON FILE # A606241

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm
G-1	.27	14.60	9.41	49.1	151	7.6	4.4	518	1.79	.9	2.7	.3	4.1	57.9	.08	.37	.08
410144	1.20	706.68	.91	51.3	340	4.7	10.1	611	2.87	.9	<.1	118.6	.3	79.8	.04	.11	.12
410145	.89	1584.47	1.16	55.4	663	6.1	12.7	655	3.74	2.0	<.1	263.9	.3	92.1	.06	.26	.16
410146	.65	608.01	.52	48.5	251	5.0	10.6	650	3.47	.8	<.1	115.8	.3	92.4	.03	.12	.08
410147	1.13	2261.89	.65	56.0	946	5.4	12.7	650	4.23	1.0	<.1	253.2	.3	65.7	.06	.05	.13
410148	1.00	1841.35	.57	53.4	599	4.7	12.1	694	3.32	1.9	<.1	365.0	.3	64.3	.05	.06	.19
410149	1.05	381.69	.58	55.4	194	4.5	10.9	759	3.27	1.8	<.1	103.1	.2	80.3	.02	.16	.28
410150(pulp)	5.71	1070.87	5.04	56.6	256	9.9	5.9	601	3.39	4.3	.4	81.8	2.0	41.6	.17	1.41	.60
410151	.77	856.42	.57	46.0	460	4.9	10.9	669	4.31	1.9	<.1	141.8	.3	123.3	.03	.05	.15
410152	.73	554.86	.61	37.5	402	4.5	11.9	457	4.14	2.0	<.1	136.9	.2	97.2	.03	.05	.33
410153	.94	1863.36	.70	54.1	1073	5.2	13.2	638	2.89	2.1	<.1	315.0	.2	86.5	.10	.06	.06
410154	1.15	1900.59	.82	56.8	917	4.8	19.2	666	3.71	2.5	<.1	356.3	.3	70.0	.11	.07	.09
410155	1.38	1325.69	1.27	50.0	646	4.2	14.3	683	3.30	.7	<.1	162.5	.3	109.9	.07	.06	.06
410156	6.37	2547.37	1.62	47.9	1907	4.1	13.1	633	4.01	.9	<.1	1693.6	.4	159.3	.14	.08	.34
410157	.72	2644.31	1.34	78.9	1000	3.1	13.6	1228	5.08	1.2	<.1	347.8	.3	74.6	.14	.12	.10
410158	.84	2030.19	1.92	80.6	821	4.9	12.9	1091	7.41	2.0	<.1	361.5	.3	93.2	.16	.12	.12
410159	7.60	2980.56	2.51	63.7	3197	5.1	14.5	976	7.24	2.6	<.1	598.7	.4	124.9	.77	.12	.23
410160	1.14	1465.78	2.06	58.4	1073	5.4	14.4	976	7.97	4.1	<.1	432.8	.3	48.9	.17	.10	.42
410161	93.07	1905.40	1.68	58.2	1044	3.7	9.3	996	5.59	.7	<.1	458.9	.4	101.7	<.01	.08	.14
RE 410161	95.10	1886.38	1.71	59.1	1050	3.8	9.7	995	5.75	.6	.1	431.0	.4	103.8	<.01	.08	.14
RRE 410161	105.64	1511.45	1.64	60.4	934	3.4	10.4	955	5.91	.9	.1	408.1	.4	94.1	<.01	.08	.14
410162	3.39	1691.73	1.72	48.9	1948	3.0	10.7	846	4.11	.5	.1	472.5	.4	150.6	.34	.12	.20
STANDARD DS7	21.35	106.28	69.96	411.2	864	56.3	9.8	641	2.37	51.7	5.0	71.5	4.7	73.2	6.61	5.98	4.59

SAMPLE#	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	35	.53	.077	7.3	13.7	.58	190.8	.115	<1	.97	.086	.49	<.1	2.0	.32	.04	11	.8	.02	4.7
410144	45	3.18	.088	.6	2.9	1.55	19.7	.067	<1	1.79	.020	.12	.2	1.5	.04	2.68	13	.8	.07	5.3
410145	53	3.73	.078	.8	3.5	1.66	21.3	.071	<1	2.08	.021	.10	.1	1.5	.04	3.08	19	1.0	.16	6.1
410146	53	3.42	.074	.9	3.5	1.75	20.7	.061	1	2.04	.019	.11	.1	1.8	.03	2.55	10	.5	.06	5.5
410147	62	2.65	.084	.9	4.2	1.75	19.8	.094	<1	1.97	.030	.09	.1	1.7	.03	2.08	18	1.5	.11	6.0
410148	40	2.80	.091	.6	3.6	1.45	19.0	.063	<1	1.72	.018	.12	.2	1.2	.03	2.54	18	1.5	.13	4.7
410149	30	3.25	.070	.6	2.4	1.69	21.3	.069	<1	2.02	.013	.13	.4	1.1	.03	3.03	10	.5	.10	4.4
410150(pulp)	30	.98	.056	5.2	19.4	.61	119.4	.057	4	.90	.067	.14	3.6	3.4	.02	.54	199	2.3	.06	3.8
410151	49	5.33	.073	.8	3.2	1.39	19.0	.070	<1	1.77	.014	.12	.2	1.4	.02	4.50	7	.6	.09	5.2
410152	42	3.34	.069	.7	2.8	1.13	20.8	.056	<1	1.63	.018	.13	.2	1.4	.03	3.49	16	.7	.22	5.0
410153	32	3.65	.084	.7	3.2	1.51	19.5	.071	<1	1.82	.017	.10	.4	1.3	.02	3.15	18	.7	.19	4.2
410154	53	2.84	.084	.6	3.5	1.57	17.9	.082	1	2.03	.021	.10	1.0	1.4	.02	2.30	24	1.0	.18	5.0
410155	49	3.91	.074	.8	2.9	1.33	20.2	.051	<1	1.85	.020	.09	.1	1.7	.10	2.56	17	.7	.12	5.5
410156	48	5.47	.064	1.1	2.1	1.09	21.0	.020	<1	1.72	.019	.08	.4	2.5	.05	3.61	32	1.5	1.92	5.8
410157	70	3.64	.074	1.1	2.0	1.73	20.6	.034	<1	2.76	.024	.09	<.1	3.3	.04	1.61	10	1.0	.15	7.8
410158	97	3.44	.053	1.2	3.8	1.52	18.1	.011	<1	2.61	.019	.08	<.1	3.8	.03	2.02	8	1.1	.15	9.7
410159	74	3.77	.065	.7	6.8	1.20	27.2	.003	1	2.20	.016	.10	.2	3.1	.03	2.75	14	3.1	.97	8.6
410160	72	2.54	.028	<.5	7.1	1.35	24.9	.002	1	1.70	.021	.10	.1	3.3	.03	2.47	6	1.2	.66	8.4
410161	62	2.80	.054	.5	4.5	1.21	23.6	.003	<1	1.63	.028	.10	.6	3.0	.03	1.12	5	1.2	.26	6.4
RE 410161	63	2.84	.055	.5	4.7	1.23	23.8	.002	<1	1.62	.027	.10	.6	3.1	.03	1.14	9	1.3	.27	6.5
RRE 410161	71	2.63	.055	.6	4.3	1.22	30.2	.003	<1	1.71	.036	.14	.3	3.2	.04	1.05	12	1.1	.31	6.6
410162	39	2.89	.076	.6	3.1	1.09	24.0	.002	<1	.87	.033	.09	6.8	3.0	.03	1.56	6	1.4	.68	3.9
STANDARD DS7	82	.96	.080	13.1	179.5	1.09	379.9	.126	39	1.00	.082	.46	3.9	2.6	4.21	.21	201	3.7	1.09	4.9

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 🗸 FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606241 Page 1 (b)
304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gerry Bidwell

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.32	.1	.10	.37	40.5	.7	<.05	1.5	5.67	19.7	<.02	<1	.3	32.1	<10	<2	30	-
410080	.48	<.1	.02	.05	8.1	.3	<.05	.8	4.29	2.8	.03	49	.1	7.8	<10	<2	30	2.96
410081	.44	<.1	.02	.06	7.3	.3	<.05	.8	4.26	2.7	.04	49	.1	6.5	<10	<2	30	5.06
410082	.36	<.1	.03	.08	6.4	.2	<.05	.6	3.16	2.8	.04	54	<.1	5.9	<10	<2	30	5.20
410083	.37	<.1	.02	.04	5.2	.2	<.05	.5	3.46	2.4	.03	44	.1	8.1	<10	<2	30	5.08
410084	.64	<.1	<.02	.05	4.5	.2	<.05	.9	6.04	9.8	.04	9	.2	9.7	<10	<2	30	6.12
410085	.41	.1	.02	.04	4.8	.1	<.05	.8	5.87	9.9	<.02	17	.1	10.0	<10	<2	30	5.43
410086	.34	<.1	<.02	.04	3.8	.2	<.05	.5	2.98	2.2	.03	39	.1	8.3	<10	<2	30	4.38
410087	.34	<.1	.02	.04	5.6	.2	<.05	.6	3.36	2.6	.03	26	.1	9.2	<10	<2	30	5.01
RE 410087	.35	<.1	.02	.05	5.6	.2	<.05	.6	3.46	2.6	.04	30	.1	8.9	<10	<2	30	-
RRE 410087	.36	<.1	<.02	.05	4.8	.2	<.05	.6	3.41	2.1	.03	27	.1	9.3	<10	<2	30	-
410088	.49	<.1	.02	.05	6.1	.3	<.05	.6	4.28	3.4	.02	13	.1	9.7	<10	<2	30	4.57
410089	.24	.1	.02	.04	2.9	.2	<.05	.4	4.58	3.8	<.02	15	.2	12.4	<10	<2	30	3.29
410090(pulp)	.66	.1	.02	.09	8.5	1.2	<.05	.8	4.27	6.0	.13	12	.1	.8	<10	<2	30	-
410091	.48	.1	.02	.04	4.5	.1	<.05	1.1	5.78	10.1	.02	10	.1	8.4	<10	<2	30	3.99
410092	.67	<.1	.02	.03	5.1	.1	<.05	1.0	4.11	5.9	.02	23	.1	13.5	<10	<2	30	5.02
410093	.27	<.1	.02	.04	3.7	.2	<.05	.6	3.01	1.7	.03	32	.1	10.3	<10	<2	30	4.91
410094	.26	<.1	.02	.04	4.3	.2	<.05	.6	3.68	2.1	.02	9	.1	8.5	<10	<2	30	3.76
410095	.23	<.1	.07	.03	3.3	.2	<.05	1.5	3.61	2.5	<.02	9	.2	13.3	<10	4	30	4.65
410096	.28	<.1	.02	.05	3.8	.2	<.05	.5	2.82	1.4	<.02	19	<.1	7.3	<10	<2	30	4.68
410097	.35	.1	.02	.06	3.6	.2	<.05	.3	2.63	1.3	<.02	11	<.1	6.3	<10	<2	30	4.93
410098	.35	<.1	<.02	.08	3.6	.2	<.05	.4	3.01	1.6	.02	14	.1	5.6	<10	<2	30	5.10
410099	.28	.1	.02	.03	2.1	.2	<.05	.3	3.43	2.2	.02	11	.1	8.5	<10	<2	30	4.40
410100	.43	<.1	<.02	.06	3.4	.2	<.05	.4	3.25	1.8	<.02	28	<.1	7.0	<10	<2	30	5.17
410101	.31	<.1	<.02	.08	3.3	.1	<.05	.3	2.68	1.5	.02	15	.1	6.9	<10	<2	30	4.43
410102	.47	<.1	.02	.07	3.6	.3	<.05	.4	1.79	1.1	<.02	7	.2	6.6	<10	<2	30	4.68
410103	.31	<.1	.02	.08	3.4	.2	<.05	.4	3.06	1.5	<.02	14	.1	7.8	<10	<2	30	5.11
410104	.33	<.1	.02	.10	4.4	.2	<.05	.6	4.73	2.5	.04	9	<.1	10.2	<10	<2	30	4.85
410105	.23	<.1	<.02	.06	2.6	53.6	<.05	.3	3.86	1.8	.04	18	.1	9.1	<10	<2	30	4.98
410106	.16	<.1	<.02	.06	1.6	.1	<.05	.4	3.81	1.9	.04	7	.1	11.7	12	<2	30	4.93
410107	.17	.1	<.02	.08	2.7	.4	<.05	.5	5.43	2.8	.12	8	<.1	8.9	146	35	30	4.98
410108	.14	<.1	<.02	.06	2.1	.2	<.05	.4	3.62	2.0	.12	25	.1	6.2	<10	<2	30	4.75
410109	.19	<.1	<.02	.03	2.4	.2	<.05	.4	3.31	2.4	.12	17	.1	8.1	<10	<2	30	4.91
410110(pulp)	.54	<.1	.08	.10	7.1	2.8	<.05	2.2	6.53	9.0	.14	32	.3	1.9	<10	97	30	-
410111	.25	<.1	<.02	.05	2.0	.2	<.05	.4	5.07	2.8	.04	7	.2	9.0	<10	<2	30	4.93
STANDARD DS7	6.62	.1	.14	.74	37.3	5.5	<.05	5.7	6.12	40.8	1.64	4	1.9	29.9	41	40	30	-

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

10-16-06 A08:05 OUT

Data ___ FA ___ DATE RECEIVED: SEP 6 2006 DATE REPORT MAILED:................

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.33	.1	.14	.42	41.5	.6	<.05	2.0	4.88	18.7	<.02	<1	.1	33.0	<10	<2	30	-
410112	.26	<.1	.02	.08	3.6	.1	<.05	.5	2.08	1.7	.05	17	.1	5.8	<10	2	30	4.75
410113	.14	<.1	<.02	.05	2.2	.2	<.05	.4	3.31	2.4	.03	8	.1	10.5	<10	<2	30	4.82
410114	.16	.1	.02	.03	1.7	.5	<.05	.3	5.70	4.0	.13	3	.1	11.8	24	4	30	2.40
410115	.13	.1	<.02	.05	2.1	1.0	<.05	.4	13.87	10.1	.42	1	.1	7.3	44	7	30	2.52
410116	.14	.1	<.02	.04	1.5	.5	<.05	1.4	7.06	4.9	.33	5	.1	8.1	38	5	30	2.45
410117	.28	<.1	.02	.02	2.3	.1	<.05	.3	4.60	4.6	.04	5	.1	22.0	12	5	30	4.77
410118	.19	.1	<.02	.02	2.1	.1	<.05	.3	4.25	4.0	.08	6	.1	9.4	33	5	30	4.88
410119	.36	<.1	<.02	.03	2.2	.2	<.05	.5	4.86	3.5	.12	10	.1	10.0	86	12	30	5.05
410120	.27	<.1	.02	.05	3.8	.2	<.05	.3	2.94	2.1	.02	24	.1	8.4	<10	<2	30	4.64
410121	.32	<.1	.02	.06	3.4	.2	<.05	.6	3.38	3.1	.06	3	.2	14.3	<10	2	30	4.72
410122	.23	.1	<.02	.02	2.2	.2	<.05	.4	3.16	2.5	.03	6	.1	17.5	<10	2	30	4.83
410123	.16	<.1	<.02	.03	2.3	.1	<.05	.3	2.61	1.9	.02	12	.1	9.2	<10	<2	30	4.78
410124	.30	<.1	<.02	.03	2.9	.1	<.05	.2	2.86	1.8	.07	8	<.1	9.6	<10	3	30	4.76
410125	.25	<.1	.02	.04	4.0	.3	<.05	.6	1.96	1.9	.03	96	.1	9.6	<10	2	30	4.82
410126	.20	<.1	<.02	.05	3.3	.2	<.05	.4	2.93	1.8	.02	24	.2	11.8	<10	2	30	4.86
410127	.22	<.1	<.02	.04	3.1	.1	<.05	.5	2.39	1.6	.02	11	.2	8.1	<10	3	30	4.78
410128	.20	<.1	.02	.07	3.3	.2	<.05	.9	3.33	2.2	.02	9	<.1	9.9	<10	2	30	4.69
410129	.17	<.1	.04	.04	2.6	.2	<.05	.9	3.11	2.2	.02	23	.1	9.9	<10	<2	30	4.98
410130(rock)	.30	<.1	.22	.20	4.9	.4	<.05	3.1	5.01	16.5	<.02	<1	.2	3.9	<10	<2	30	.33
410131	.25	<.1	<.02	.07	3.9	.2	<.05	.5	2.65	1.8	<.02	10	.1	8.9	<10	<2	30	4.88
410132	.20	<.1	.02	.06	3.4	.1	<.05	.4	3.26	2.0	<.02	46	.2	11.7	<10	<2	30	4.83
410133	.24	<.1	.02	.07	2.7	.2	<.05	.3	2.88	1.6	.02	31	.1	11.9	<10	<2	30	4.62
410134	.19	<.1	.02	.06	2.8	.1	<.05	.5	2.65	1.3	.02	88	.1	13.0	<10	<2	30	2.41
410135	.14	<.1	<.02	.08	2.0	.1	<.05	.4	1.81	1.5	.02	12	.2	6.6	24	5	30	2.35
410136	.09	<.1	.02	.06	1.7	.1	<.05	.5	2.13	1.4	.02	194	<.1	8.9	<10	2	30	2.43
410137	.14	.1	.02	.05	1.8	.2	<.05	.5	3.54	2.5	<.02	159	.2	11.4	<10	3	30	4.81
410138	.14	<.1	.02	.07	2.6	.1	<.05	.6	2.07	1.8	<.02	17	<.1	8.3	<10	2	30	4.86
410139	.24	<.1	.03	.05	4.6	.1	<.05	.9	1.67	2.9	<.02	4	.2	6.6	<10	<2	30	2.88
410140	.19	<.1	.02	.08	3.4	.1	<.05	.6	2.56	1.4	<.02	35	.1	9.3	<10	2	30	4.30
RE 410140	.19	<.1	.02	.06	3.3	.2	<.05	.6	2.61	1.5	<.02	37	<.1	9.0	<10	2	30	-
RRE 410140	.20	<.1	.02	.06	3.1	.1	<.05	.4	2.57	1.5	<.02	30	.1	8.3	<10	2	30	-
410141	.20	<.1	.03	.05	4.4	.1	<.05	.5	1.96	1.1	<.02	47	.1	9.1	<10	2	30	4.78
410142	.25	<.1	.02	.06	3.7	.1	<.05	.4	2.03	1.3	<.02	44	.1	7.8	<10	2	30	4.79
410143	.19	<.1	<.02	.06	3.9	.1	<.05	.3	2.31	1.5	<.02	7	.1	9.9	<10	3	30	4.90
STANDARD DS7	6.46	.1	.14	.76	38.4	5.4	<.05	5.7	5.52	39.5	1.62	2	1.6	30.2	72	41	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.09	.1	.11	.39	38.1	.6	<.05	1.3	4.56	15.0	.02	1	.3	30.9	<10	<2	30	-
410144	.22	<.1	<.02	.05	3.8	.1	<.05	.4	2.28	1.6	<.02	11	.1	11.0	<10	<2	30	4.87
410145	.23	<.1	<.02	.04	3.6	.1	<.05	.3	2.24	2.0	.02	4	.1	12.5	<10	<2	30	5.02
410146	.31	<.1	<.02	.04	3.4	.1	<.05	.4	2.70	2.2	<.02	8	.1	11.7	<10	<2	30	4.90
410147	.22	<.1	<.02	.04	3.2	.1	<.05	.3	2.86	2.1	<.02	9	.1	9.8	<10	<2	30	4.95
410148	.19	<.1	<.02	.04	3.6	.1	<.05	.4	1.67	1.5	<.02	11	<.1	9.2	<10	2	30	4.97
410149	.26	<.1	<.02	.04	4.0	.1	<.05	.2	1.31	1.4	<.02	11	<.1	10.6	<10	<2	30	5.11
410150(pulp)	.30	.1	.12	.15	3.6	1.4	<.05	3.1	6.59	11.5	.04	12	.3	2.1	<10	<2	30	-
410151	.21	<.1	<.02	.06	3.7	.1	<.05	.4	1.83	1.8	<.02	3	<.1	9.8	<10	<2	30	4.97
410152	.25	.1	.02	.05	3.9	.2	<.05	.3	1.89	1.6	<.02	4	.1	9.7	11	2	30	4.92
410153	.21	<.1	.02	.05	3.1	.1	<.05	.6	1.83	1.7	<.02	14	.2	12.8	10	<2	30	4.83
410154	.24	<.1	.02	.06	2.9	.1	<.05	.3	2.15	1.5	<.02	9	.1	16.1	10	<2	30	4.74
410155	.31	<.1	.04	.05	3.1	.1	<.05	.5	2.39	2.1	<.02	6	.1	17.5	<10	<2	30	4.60
410156	.42	.1	<.02	.03	2.7	.2	<.05	.4	2.66	2.6	.07	11	.1	19.7	23	3	30	4.65
410157	.34	<.1	<.02	.03	2.8	.1	<.05	.5	3.66	2.9	.07	4	.1	34.8	16	2	30	4.77
410158	.32	<.1	<.02	.02	2.7	.1	<.05	.4	2.09	3.0	.06	7	.1	34.3	33	5	30	4.92
410159	.41	<.1	.02	.03	3.4	.1	<.05	.9	1.65	1.9	.14	16	<.1	29.4	50	12	30	2.45
410160	.42	.1	<.02	.02	3.5	.1	<.05	.7	1.47	.9	.11	3	<.1	24.2	61	19	30	2.21
410161	.40	<.1	.02	<.02	3.6	.1	<.05	.8	1.94	1.3	.08	85	<.1	22.3	<10	6	30	2.69
RE 410161	.42	<.1	.02	<.02	3.7	.1	<.05	.8	2.02	1.4	.10	94	.1	22.3	11	6	30	-
RRE 410161	.46	.1	<.02	.02	5.1	.1	<.05	.6	2.00	1.6	.07	98	<.1	25.3	19	7	30	-
410162	.30	<.1	.03	<.02	3.1	.1	<.05	1.0	3.05	1.7	.08	8	.1	11.8	121	10	30	4.72
STANDARD DS7	6.40	.1	.10	.71	36.1	5.3	<.05	5.5	5.35	38.6	1.57	3	1.7	29.5	55	38	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606307 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
G-1	.20	3.00	3.31	45.3	16	3.7	4.3	536	1.82	15.2	3.2	.9	4.7	72.9	.02	.07	.11	35	.56	.072	9.5	13.0	.58	207.8	.131	2	1.05	.091	.52	<.1	2.5	.36	<.01	<5	.2	<.02	5.1
410163	7.03	984.85	1.90	84.4	3320	5.6	12.6	648	8.13	.6	.1	827.4	.4	84.2	.24	.13	.34	116	1.92	.057	1.1	5.6	1.17	67.0	.004	2	1.87	.140	.28	.3	4.8	.11	1.93	5	1.5	1.82	7.5
410164	129.03	1309.36	1.26	105.8	1303	3.1	8.8	672	5.33	.3	<.1	159.6	.3	105.2	.02	.08	.15	84	2.33	.057	.5	4.1	1.32	28.0	.003	1	1.65	.031	.10	.6	5.2	.04	1.39	7	.8	.30	7.1
RE 410164	129.36	1294.73	1.18	105.9	1291	3.5	8.7	684	5.38	.4	<.1	156.4	.3	104.8	.05	.07	.14	83	2.38	.055	.5	3.9	1.30	28.8	.003	<1	1.62	.030	.10	.6	4.9	.04	1.40	6	.8	.34	7.0
RRE 410164	132.60	1297.02	1.22	105.5	1336	3.6	8.8	674	5.39	.3	<.1	161.9	.3	105.8	.04	.07	.13	84	2.37	.054	.5	4.2	1.33	28.0	.003	1	1.63	.034	.09	.3	4.9	.04	1.41	<5	1.0	.32	6.8
410165	40.49	2504.41	1.68	110.1	2669	4.4	12.8	785	5.78	1.1	<.1	513.5	.3	89.2	.33	.13	.25	58	2.38	.068	.5	3.4	1.50	28.3	.002	1	1.78	.032	.12	.1	5.0	.05	1.86	8	2.1	.82	7.0
410166	1.43	2650.09	1.37	97.3	3206	5.6	13.5	938	8.11	.7	<.1	894.7	.3	76.9	.45	.12	.25	88	2.37	.040	.5	4.4	1.76	21.3	.003	1	2.25	.025	.07	.1	6.5	.03	1.69	<5	2.5	.95	9.9
410167	2.86	721.76	5.31	40.8	20825	23.0	19.2	1668	6.68	3.4	.4	4719.2	.6	66.3	.80	.20	1.64	20	3.49	.107	1.9	9.8	1.71	41.5	.004	2	.72	.023	.21	.4	4.3	.20	5.35	48	1.4	14.76	2.7
410168	4.79	63.61	1.64	7.7	12879	7.3	12.4	429	3.57	3.0	<.1	3216.4	.1	22.2	.16	.13	.64	7	1.24	.024	<.5	10.3	.44	21.7	<.001	2	.22	.010	.13	.2	1.0	.06	3.65	25	.9	9.62	.7
410169	2.05	740.50	3.70	31.3	3629	5.4	14.4	1329	5.33	2.1	<.1	683.8	.2	108.0	.79	.18	.58	11	4.31	.077	<.5	2.4	1.52	38.3	.001	1	.42	.014	.23	.4	2.5	.10	4.14	<5	1.2	2.24	1.0
410170(pulp)	10.88	>10000	19.21	84.1	2993	469.8	16.2	856	7.35	8.5	.1	938.0	1.2	78.7	.35	8.30	.75	53	1.96	.061	2.6	563.8	.94	76.9	.005	4	.54	.033	.35	1.4	4.7	.12	1.20	1329	10.9	.33	2.3
410171	116.32	1017.22	2.72	48.5	3732	4.7	11.4	885	4.74	.6	.1	804.3	.2	174.5	.36	.08	.42	29	3.81	.069	<.5	3.8	1.24	30.3	.001	1	.64	.020	.15	.3	3.6	.07	3.79	7	1.5	2.09	2.3
410172	48.12	1071.08	2.43	61.1	1921	4.6	8.8	1018	4.63	.3	<.1	342.6	.2	218.9	.49	.17	.30	26	4.38	.066	<.5	3.3	1.47	25.2	.001	<1	.69	.023	.12	.2	4.0	.06	3.17	<5	.9	.87	2.5
410173	1.58	2107.66	1.76	60.2	3276	6.3	15.1	911	7.72	1.7	<.1	656.0	.2	80.7	.40	.14	.49	64	2.96	.067	<.5	4.3	1.28	26.4	.002	1	1.18	.022	.13	.2	3.4	.06	2.62	<5	1.3	1.22	5.5
410174	.67	1084.32	1.47	54.1	1119	3.6	10.0	1000	4.14	.2	<.1	150.7	.2	151.3	.35	.11	.09	37	3.74	.072	.6	3.7	1.29	24.2	.003	1	.93	.028	.13	.1	4.2	.06	1.60	<5	.7	.20	4.0
410175	.82	2334.18	2.50	46.6	2173	5.3	12.5	1068	5.62	.9	<.1	329.0	.2	120.4	.41	.18	.28	33	3.25	.081	<.5	3.6	1.41	27.4	.002	1	.82	.026	.16	<.1	3.9	.08	3.80	6	1.5	.60	3.6
410176	3.19	1339.90	1.93	57.6	1333	5.5	13.1	942	6.78	.2	<.1	240.5	.2	174.0	.30	.16	.20	64	3.36	.064	<.5	5.3	1.28	26.6	.005	1	1.01	.019	.14	.2	3.4	.07	2.43	<5	.8	.33	4.3
410177	1.50	1734.54	1.82	48.4	1776	3.8	9.9	781	3.76	<.1	<.1	289.9	.2	206.5	.40	.15	.18	24	3.84	.069	.5	2.4	1.06	35.1	.004	1	.66	.020	.17	.4	2.6	.07	2.41	<5	.8	.31	2.2
410178	3.99	2528.55	1.76	30.5	2295	3.0	7.7	894	3.00	.3	<.1	409.0	.3	424.3	.46	.15	.19	14	4.85	.062	<.5	2.7	1.00	44.1	.004	1	.42	.014	.17	.4	2.1	.07	2.79	<5	1.1	.41	1.2
410179	11.20	679.09	3.25	65.4	4413	5.7	10.5	870	5.62	1.4	<.1	1066.0	.2	188.1	.42	.15	.76	24	3.43	.049	<.5	4.8	1.09	34.8	.001	1	.78	.019	.14	22.0	2.9	.07	4.94	7	1.2	3.17	3.0
410180	2.70	1085.86	.99	3.0	42134	1.8	1.7	79	1.33	.5	<.1	10740.7	.1	15.5	.17	.09	2.22	3	.37	.004	<.5	12.4	.04	10.4	.001	1	.09	.006	.05	.9	.3	.02	1.31	37	.8	29.93	.3
410181	7.11	411.73	2.17	18.1	1377	5.1	6.0	744	3.39	1.6	<.1	218.4	1.0	145.5	.39	.15	.35	8	2.66	.070	.7	3.9	.61	59.7	.001	3	.47	.032	.20	.7	1.4	.11	2.83	<5	.9	1.07	1.4
410182	3.08	257.40	2.20	22.9	1663	3.6	7.5	804	2.56	.9	.1	253.9	.5	106.8	.25	.10	.27	7	2.72	.062	1.3	3.4	.73	79.5	.001	1	.41	.026	.22	1.1	1.3	.09	1.88	<5	.3	1.09	1.0
410183	2.64	282.89	2.18	20.8	1818	4.4	7.1	896	3.47	1.6	.1	190.2	.6	89.6	.18	.13	.27	8	2.85	.048	.9	4.6	.79	53.5	.001	1	.37	.023	.20	.8	1.1	.10	2.92	<5	.4	1.67	1.0
410184	1.28	361.84	1.97	38.6	1613	3.7	5.3	997	2.61	.5	.1	219.2	.8	108.6	.71	.15	.18	6	2.57	.060	.8	4.6	.72	57.3	.001	2	.37	.015	.22	54.2	1.1	.10	2.51	18	.5	1.17	.8
410185	.76	362.61	3.47	63.3	2106	5.7	8.1	1096	5.09	.8	.1	268.2	.5	46.8	1.41	.20	1.11	6	2.15	.032	<.5	3.7	.69	36.0	.001	1	.35	.012	.20	6.8	1.1	.09	5.45	12	.5	2.34	.9
410186	6.55	456.90	6.08	66.8	3033	4.3	8.4	747	5.18	3.8	<.1	438.4	.3	31.7	1.65	1.42	2.34	7	2.25	.019	<.5	6.3	.40	22.5	<.001	1	.31	.011	.17	1.0	.9	.08	6.07	10	1.0	2.92	.9
410187	.88	380.78	2.85	26.1	831	5.6	10.5	1057	4.59	.6	<.1	207.4	.5	78.4	.49	.11	.38	9	2.79	.043	.6	3.4	.75	38.9	.002	1	.40	.012	.23	.5	1.4	.13	4.06	21	.7	.90	1.1
410188	1.00	509.10	2.08	28.8	609	5.1	9.5	635	5.12	.6	.1	185.5	.5	71.7	.32	.14	.19	29	2.15	.026	.7	6.4	.52	54.9	.004	1	.56	.016	.20	.5	1.0	.09	1.95	9	.6	.58	2.3
410189	.87	650.52	1.27	50.0	503	5.0	7.4	628	4.59	.9	<.1	158.3	1.0	84.8	.09	.10	.09	39	2.23	.040	1.5	13.4	.76	59.2	.003	<1	1.35	.022	.15	.1	1.4	.05	1.02	<5	.5	.22	5.4
410190(pulp)	9.21	4707.76	9.01	77.4	1024	10.4	8.6	778	5.40	7.0	.3	334.2	1.6	170.0	.30	5.49	1.07	41	1.99	.074	3.9	18.1	.90	55.8	.019	3	.76	.041	.29	5.3	5.0	.11	1.70	927	6.8	.17	3.0
410191	1.09	524.64	1.75	54.8	476	5.5	8.3	729	3.91	.5	.1	309.9	1.2	200.8	.11	.07	.20	29	3.25	.041	2.9	9.5	.94	69.2	.003	<1	1.76	.017	.17	.4	1.9	.05	1.69	8	.6	.31	5.3
STANDARD DS7	20.91	105.62	69.41	411.9	863	54.8	9.7	642	2.43	50.8	5.1	94.9	4.7	73.8	6.43	6.19	4.62	84	.96	.080	13.4	177.1	1.06	374.2	.126	40	1.02	.074	.47	4.0	2.7	4.19	.20	203	3.6	1.08	4.8

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ⊥ FA ____ DATE RECEIVED: SEP 11 2006 DATE REPORT MAILED: 10-21-06 P02:49 OUT

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

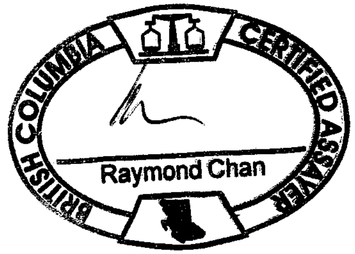
Geoinformatics Exploration PROJECT REDTON File # A606307R

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Cu %
410170 (pulp)	.943
STANDARD SF-3	.770

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: CORE PULP

Data___ FA ____ DATE RECEIVED: NOV 9 2006 DATE REPORT MAILED:.................



ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606307 (b)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.36	.1	.10	.61	41.5	.7	<.05	1.6	5.53	19.7	<.02	<1	.3	33.5	<10	2	30	-
410163	.62	.1	.04	.03	10.6	.2	<.05	1.9	2.22	2.7	.06	11	.4	20.0	30	4	15	5.1
410164	.36	<.1	.03	<.02	3.7	.1	<.05	.8	2.21	1.4	.06	106	.2	23.3	<10	4	30	4.8
RE 410164	.35	.1	.02	.02	3.8	.1	<.05	.8	2.22	1.4	.06	106	.2	24.3	<10	3	30	-
RRE 410164	.33	<.1	.02	.02	3.5	.1	<.05	.8	2.19	1.4	.07	107	.1	23.6	<10	4	30	-
410165	.48	.1	.02	.02	4.8	.1	<.05	.7	2.48	1.5	.13	43	.1	26.7	74	8	30	4.6
410166	.36	.1	<.02	.02	3.2	.2	<.05	.6	1.60	1.2	.12	5	.1	39.1	98	9	30	2.4
410167	.94	<.1	.07	.08	9.8	.4	<.05	4.3	3.54	4.3	.15	5	.2	7.6	20	4	30	2.5
410168	.38	.1	.02	.04	5.1	.3	<.05	1.2	.92	1.0	.02	5	.2	.4	<10	2	30	2.7
410169	.88	<.1	.02	.02	9.9	.1	<.05	1.2	3.40	1.3	.07	6	.1	.8	<10	<2	30	4.6
410170(pulp)	.67	.1	.02	.12	9.0	1.2	<.05	.9	3.85	5.7	.14	11	.3	.8	<10	2	30	-
410171	.58	.1	.02	.03	6.8	.2	<.05	1.5	3.19	1.3	.09	115	.2	6.8	<10	<2	30	2.2
410172	.44	.1	.03	.03	5.4	.1	<.05	1.0	2.93	1.2	.08	50	.2	8.5	<10	<2	30	2.6
410173	.54	.1	.02	.02	5.8	.2	<.05	.9	2.44	1.3	.12	9	.2	17.1	37	6	30	2.6
410174	.42	<.1	.02	.02	5.7	.1	<.05	.8	2.93	1.8	.09	3	.3	14.2	25	5	30	2.4
410175	.51	<.1	<.02	.02	7.8	.1	<.05	1.0	2.91	1.4	.10	4	.1	12.0	29	4	30	2.4
410176	.46	.1	<.02	.02	6.1	.2	<.05	.6	2.42	1.2	.04	6	.1	15.7	21	2	30	5.1
410177	.52	<.1	.02	<.02	7.0	.1	<.05	.8	2.51	1.3	.04	4	.1	7.0	12	3	30	5.0
410178	.62	<.1	.03	.02	6.8	.1	<.05	.8	2.57	1.1	.05	7	.1	3.2	18	2	30	2.5
410179	.51	.1	.02	.02	5.8	.2	<.05	.9	2.47	1.2	.08	9	.2	10.3	24	5	30	3.2
410180	.13	<.1	<.02	.06	2.0	.6	<.05	.6	.26	.6	.19	<1	.1	.2	<10	<2	30	3.6
410181	1.33	<.1	.03	.03	9.3	.2	<.05	1.2	2.60	1.9	.04	9	.2	.8	40	3	30	2.9
410182	.58	<.1	.04	<.02	9.6	.2	<.05	1.1	2.35	2.9	.02	1	.3	.3	<10	<2	30	4.7
410183	.67	<.1	.03	<.02	9.0	.1	<.05	1.2	2.32	2.3	.04	1	.1	.4	30	9	30	4.8
410184	.63	<.1	.03	<.02	9.1	.2	<.05	.8	1.76	2.1	.08	5	.3	.2	22	12	30	4.9
410185	.61	<.1	.03	.04	8.5	.2	<.05	1.3	1.49	1.0	.11	2	.2	.3	66	16	30	2.8
410186	.53	.1	.02	.03	7.5	.4	<.05	.7	1.07	.7	.16	2	.2	.5	31	12	30	2.7
410187	.81	.1	.02	.02	9.6	.1	<.05	1.1	2.07	1.4	.04	4	.2	1.0	38	21	30	4.8
410188	.64	.1	.03	.02	8.2	.1	<.05	.9	1.19	1.5	.04	2	.2	3.1	47	15	30	5.1
410189	.35	<.1	<.02	<.02	5.1	.2	<.05	.6	1.26	3.4	.04	3	.1	14.8	50	15	30	4.8
410190(pulp)	.56	.1	.06	.11	7.5	2.9	<.05	2.5	5.91	9.0	.14	42	.3	2.3	<10	<2	30	-
410191	.72	<.1	.02	.02	5.4	.1	<.05	.5	2.10	6.3	.04	3	.3	22.0	26	7	30	5.0
STANDARD DS7	6.34	.1	.12	.76	35.5	5.3	<.05	5.6	5.46	39.0	1.60	3	1.5	29.1	56	37	30	-

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

10-21-06 P02:43 OUT

Data 1 FA ____ DATE RECEIVED: SEP 11 2006 DATE REPORT MAILED:................

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration File # A606303 Page 1 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: N / A

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.69	1.97	2.61	43.8	10	7.0	4.6	531	1.82	.2	2.2	<.2	4.0	47.7	.01	.02	.06	34	.43	.074	6.7	68.3	.62	203.4	.121	1	.93	.053	.52	.1	1.9	.41	<.01	<5	<.1	.02	4.8
410192	17.21	515.21	1.25	44.9	585	6.7	11.5	447	3.64	1.2	.1	173.4	1.4	135.5	.10	.06	.28	32	2.73	.046	3.0	11.9	.81	45.5	.004	1	1.28	.027	.10	.2	1.7	.03	2.38	<5	1.1	.36	4.7
410193	6.88	200.55	.91	44.4	160	6.1	7.4	477	3.30	.8	.1	40.9	1.7	207.0	.09	.04	.11	40	2.46	.056	4.2	12.9	.98	60.8	.003	<1	1.34	.041	.10	.8	2.2	.03	1.39	<5	.2	.11	5.5
410194	11.63	288.65	.91	36.6	237	5.5	7.9	445	3.61	1.1	.1	42.5	1.5	76.3	.04	.06	.13	45	2.13	.061	2.1	11.3	1.07	48.5	.021	<1	1.42	.039	.09	<.1	1.8	.06	1.50	<5	.2	.16	5.9
410195	15.43	458.55	.85	39.4	375	5.4	9.3	447	3.11	.7	.1	62.8	1.3	89.8	.06	.07	.07	41	2.03	.061	2.0	12.1	.98	68.0	.035	<1	1.27	.043	.11	1.3	1.6	.04	1.34	<5	.5	.19	5.4
410196	.40	34.27	.61	74.0	31	4.8	8.6	737	1.77	.5	.1	23.7	.4	89.4	.04	.08	<.02	24	1.80	.064	1.7	7.4	.86	282.2	.080	1	1.21	.049	.19	.4	1.2	.07	.10	<5	<.1	<.02	3.7
410197	.64	126.55	.84	319.8	152	4.4	8.3	827	1.82	.8	.2	276.7	.5	64.1	3.25	.08	<.02	22	2.03	.061	2.2	6.9	.83	160.8	.061	1	1.19	.048	.20	.8	1.3	.07	.14	15	<.1	.07	3.7
410198	.55	52.67	.85	111.6	50	5.1	8.2	702	1.70	.6	.2	40.2	.5	86.3	.36	.10	<.02	22	1.70	.062	2.0	6.6	.84	242.2	.065	<1	1.15	.041	.21	.3	1.0	.08	.13	<5	<.1	<.02	3.5
410199	15.19	362.44	.81	46.0	306	5.5	9.7	517	3.02	.6	.2	133.6	1.5	132.3	.07	.05	.06	46	2.68	.051	2.1	12.3	.93	42.8	.035	<1	1.05	.040	.10	1.4	1.9	.04	2.10	<5	.9	.15	5.3
410[illegible]	.69	290.26	.69	45.1	203	5.7	7.4	406	2.66	1.0	.1	59.9	1.4	85.4	.04	.05	.02	40	1.70	.061	1.5	14.3	.99	119.3	.074	<1	1.19	.048	.19	.3	1.3	.06	.94	<5	.3	.05	4.9
410201	38.92	1505.58	.66	40.3	929	5.1	10.1	381	3.30	1.0	.1	309.9	1.2	97.4	.10	.09	.20	39	2.27	.055	1.1	13.1	.94	62.5	.061	<1	1.14	.034	.12	1.1	1.2	.03	2.10	<5	1.6	.24	4.2
410202	.77	1189.27	.91	40.2	753	13.6	16.6	551	6.32	2.3	<.1	352.7	.3	43.1	.09	.08	.23	90	1.90	.026	.5	42.7	1.26	21.9	.054	1	1.54	.013	.07	<.1	2.2	.02	1.24	<5	1.1	.40	6.0
410203	.71	817.82	.79	62.9	381	11.4	14.5	681	7.48	.9	<.1	123.8	.4	35.2	.06	.08	.05	98	1.14	.029	.7	42.1	1.17	20.9	.054	<1	1.58	.037	.07	1.0	2.2	.02	.35	<5	.6	.08	8.3
410204	1.03	960.28	.47	81.9	566	6.7	15.3	829	6.62	1.4	<.1	213.9	.3	27.9	.08	.07	.06	99	.92	.056	<.5	8.1	1.39	22.7	.089	<1	1.68	.038	.08	.6	1.4	.02	.58	<5	.6	.12	6.7
410205	1.26	765.96	.55	74.1	403	6.3	14.6	680	6.54	1.7	<.1	174.9	.3	20.3	.06	.06	.04	76	.87	.049	<.5	16.7	1.13	29.2	.082	<1	1.54	.032	.11	1.2	1.2	.03	.63	<5	.5	.12	5.9
410206	3.15	1174.76	.70	62.2	673	6.6	14.2	623	7.73	.4	<.1	175.4	.5	23.4	.19	.06	.03	90	1.15	.040	.5	22.3	.95	21.2	.049	<1	1.31	.042	.08	.2	1.2	.03	.69	<5	.9	.28	7.1
410207	.62	639.43	.36	53.3	383	6.2	12.1	490	6.75	.8	<.1	162.8	.5	33.3	.05	.05	.03	70	1.27	.046	<.5	22.2	.95	24.8	.044	1	1.28	.028	.08	5.4	.7	.02	.92	<5	.5	.21	5.6
410208	.82	680.86	.54	64.9	432	10.7	14.0	639	6.65	.7	<.1	140.9	.5	29.7	.07	.05	.02	71	1.29	.055	<.5	30.8	1.21	23.0	.052	<1	1.53	.032	.08	.2	.9	.02	.62	<5	.3	.26	6.3
410209	.33	536.47	.60	62.3	317	12.6	14.8	570	7.16	.5	<.1	153.6	.6	33.0	.04	.08	.02	76	.94	.054	.5	38.8	1.19	28.4	.052	<1	1.47	.033	.08	1.2	1.4	.02	.28	<5	.3	.18	6.8
410210(rock)	.32	34.88	1.33	14.9	24	2.9	4.7	265	1.44	1.0	.6	1.8	3.4	70.4	.04	.09	<.02	31	.67	.061	6.8	7.1	.33	113.6	.052	1	.59	.033	.07	<.1	1.5	<.02	.03	<5	.1	.02	2.6
410211	.62	672.34	1.01	55.6	499	6.5	12.3	530	6.86	.7	<.1	193.8	.5	57.1	.07	.08	.07	69	1.70	.041	.7	21.6	.96	30.5	.028	<1	1.40	.032	.08	.9	1.5	.02	1.32	7	.6	.34	6.8
410212	.73	703.46	.98	68.0	428	7.5	13.9	597	7.45	1.1	<.1	156.9	.5	36.2	.07	.09	.08	84	1.17	.039	.7	20.0	1.01	19.6	.022	<1	1.49	.033	.05	<.1	1.8	<.02	.59	<5	.5	.15	8.6
410213	.53	582.03	.87	79.2	257	6.9	15.2	633	8.05	1.0	<.1	237.8	.4	38.5	.04	.08	.04	91	1.06	.035	.6	22.2	1.08	14.3	.026	<1	1.52	.035	.03	.8	2.0	<.02	.39	<5	.4	.05	9.1
RE 410213	.58	592.61	.90	81.1	274	6.9	15.2	635	8.12	.9	<.1	243.8	.5	39.7	.05	.09	.05	94	1.07	.035	.6	22.0	1.09	14.4	.028	<1	1.54	.036	.04	.9	2.0	<.02	.40	<5	.4	.03	9.4
RRE 410213	.51	567.88	.90	78.1	269	6.8	14.3	623	8.07	.8	<.1	157.4	.4	38.6	.05	.10	.05	91	1.03	.033	.6	20.5	1.04	14.4	.028	<1	1.51	.034	.03	<.1	2.0	<.02	.38	<5	.4	.05	9.0
410214	.27	449.10	.88	99.1	327	6.8	17.1	902	10.04	.4	<.1	117.8	.4	55.3	.07	.08	.04	131	1.72	.034	.9	10.4	1.37	21.9	.040	<1	1.69	.038	.04	.6	4.0	<.02	.40	<5	.1	.07	10.2
410215	.95	501.97	1.83	71.6	348	4.4	10.6	890	5.20	.4	.2	95.8	1.0	107.7	.15	.05	.05	55	2.62	.073	5.0	7.4	.91	89.4	.004	<1	1.33	.032	.12	.1	2.3	.03	.44	<5	.3	.09	5.7
41[illegible]	.66	861.73	1.52	80.2	535	5.1	14.0	868	7.23	.5	<.1	160.2	.4	52.6	.16	.05	.07	89	1.89	.049	1.4	9.0	1.22	29.1	.005	1	1.85	.039	.08	.6	3.7	.02	.31	<5	.4	.15	8.6
41[illegible]	.63	1205.78	1.97	74.6	789	5.3	15.7	900	7.47	4.9	<.1	283.5	.3	88.4	.18	.11	.39	89	2.35	.036	.9	7.9	1.46	22.9	.007	<1	2.15	.026	.08	<.1	3.7	.02	2.09	<5	1.1	.55	9.2
410218	.51	978.62	1.54	93.9	554	6.0	18.7	863	9.00	2.3	<.1	205.5	.3	119.7	.16	.10	.16	143	2.23	.023	.8	8.4	1.79	15.1	.007	<1	2.72	.027	.05	.4	6.3	<.02	1.56	<5	.7	.28	12.8
410219	.28	576.93	1.14	72.1	310	5.4	15.7	681	8.93	.4	<.1	152.7	.2	53.8	.09	.08	.04	144	1.59	.016	.6	9.2	1.40	11.8	.008	<1	2.12	.029	.04	<.1	5.1	<.02	.45	<5	.3	.13	10.9
410220	1.50	501.85	1.00	57.9	294	5.3	11.7	472	8.61	.6	<.1	80.6	.4	69.5	.09	.10	.04	125	1.98	.031	1.0	11.8	1.17	19.0	.004	1	1.89	.032	.04	.6	3.9	<.02	1.02	<5	.2	.06	11.0
410221	.99	263.14	1.28	39.8	156	4.6	7.0	433	3.20	1.0	.1	43.2	1.4	72.0	.08	.06	.04	38	2.00	.074	2.6	12.3	.90	35.0	.004	<1	1.40	.043	.06	<.1	2.3	.05	.60	<5	.1	.06	6.4
410222	1.43	911.17	1.13	40.8	531	4.6	6.1	401	3.12	.7	.1	102.9	1.3	99.2	.15	.07	.07	37	1.98	.069	2.3	13.8	.89	30.3	.004	1	1.35	.047	.06	.6	2.3	.03	.83	<5	.6	.15	6.6
410223	2.06	625.59	4.22	46.7	919	4.8	7.7	359	2.89	1.2	.1	175.1	1.4	260.5	1.00	.13	.08	26	2.46	.072	2.4	9.7	.83	60.0	.003	1	1.22	.035	.10	<.1	1.6	.03	2.01	<5	1.2	.48	5.3
STANDARD DS7	20.86	108.28	69.28	408.5	873	55.8	9.9	635	2.43	48.3	5.1	117.2	4.7	70.9	6.43	5.99	4.51	83	.94	.078	13.5	180.2	1.06	374.5	.127	40	1.00	.078	.44	3.9	2.6	4.27	.20	205	3.4	1.04	4.9

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

10-20-06 P03:41 OUT

Data ✓ FA ____ DATE RECEIVED: SEP 14 2006 DATE REPORT MAILED:................

BRITISH COLUMBIA CERTIFIED ASSAYER — Clarence Leong

ACME ANALYTICAL

Geoinformatics Exploration FILE # A606303

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	3.07	51.74	19.64	95.8	195	7.3	4.5	451	1.75	19.0	2.6	12.6	3.4	47.3	.43	1.11	.13	32	.55	.062	6.7	11.7	.49	168.3	.104	2	.77	.167	.35	.5	1.7	.26	.04	132	.2	.03	4.2
410224	1.47	1223.84	2.09	35.9	803	4.5	6.9	420	3.03	1.5	.1	299.4	1.5	136.1	.32	.09	.09	32	2.77	.063	2.3	10.0	.90	41.2	.003	<1	1.40	.035	.07	<.1	1.6	.04	1.42	<5	.9	.13	5.7
410225	.70	2864.79	1.70	47.8	1499	6.2	12.6	413	6.64	4.2	.1	802.5	1.1	93.0	.26	.16	.38	73	2.00	.044	1.3	12.8	1.04	40.3	.006	<1	1.55	.036	.08	<.1	2.4	.03	2.59	5	2.1	.44	8.7
410226	1.00	3305.06	2.82	50.9	1798	8.2	17.7	461	9.63	7.5	<.1	1724.4	.3	59.4	.17	.16	.52	123	1.81	.023	.7	12.1	1.20	19.1	.010	<1	1.76	.023	.04	<.1	3.3	.02	2.10	<5	2.4	.39	11.7
410227	13.33	452.69	30.14	465.9	699	10.8	12.0	883	2.85	8.8	.2	56.3	.3	20.5	1.54	.30	.05	34	1.16	.087	.8	15.0	1.24	40.4	.100	1	1.51	.010	.18	.6	2.0	.06	1.05	38	.5	.11	3.4
410228	35.61	899.03	49.82	1704.5	1493	6.1	12.2	1296	3.60	12.1	.2	113.0	.3	14.1	10.28	.34	.09	21	.88	.072	.7	3.6	1.44	32.1	.102	<1	1.72	.007	.19	.4	1.2	.06	1.80	434	1.3	.29	3.8
410229	5.38	329.18	168.57	2057.7	781	5.1	17.0	1216	3.85	16.4	.2	89.3	.3	12.7	10.59	.38	.07	20	.63	.072	.6	4.1	1.33	31.1	.091	<1	1.63	.006	.18	.4	1.1	.06	2.33	598	1.0	.13	3.5
410230(pulp)	6.02	1051.77	5.42	59.0	286	10.9	6.4	596	3.45	4.0	.4	74.5	2.1	40.8	.16	1.37	.61	35	.95	.054	5.6	20.9	.61	121.3	.070	2	.90	.064	.13	3.5	3.5	.13	.51	238	2.4	.03	4.3
410231	3.51	884.30	39.14	1713.7	1432	4.3	9.0	1266	3.76	16.6	.1	135.3	.3	10.8	9.15	.47	.05	15	.50	.055	.5	4.6	1.23	23.5	.071	<1	1.41	.005	.14	.3	1.0	.06	2.67	454	.8	.22	2.9
410232	25.44	1612.21	31.06	378.9	2612	6.5	16.7	1145	3.20	21.9	.2	173.7	.3	17.7	.88	.50	.17	33	1.48	.108	1.1	2.8	1.48	39.3	.117	<1	1.73	.012	.20	.7	1.8	.06	1.64	40	2.5	.47	4.3
410233	9.08	483.54	79.82	318.7	841	6.5	15.9	1143	4.06	31.0	.1	46.8	.2	18.1	1.02	1.04	.19	28	1.20	.077	.8	3.5	1.25	41.3	.100	<1	1.48	.019	.15	.4	1.9	.05	2.87	16	3.0	.26	4.1
410234	13.99	388.53	11.79	244.7	468	10.1	31.3	936	4.05	15.8	.1	45.2	.3	12.1	.26	.24	.13	24	.44	.080	.8	3.0	1.21	50.7	.088	<1	1.40	.013	.18	.3	1.7	.05	3.10	6	5.1	.18	3.5
410235	3.33	174.88	11.59	259.6	284	7.4	19.5	1008	4.05	7.4	.1	34.0	.2	13.8	.20	.22	.10	27	.47	.088	.7	4.2	1.55	42.1	.107	1	1.60	.011	.17	.4	1.5	.06	2.90	<5	5.7	.12	3.8
410236	3.31	185.14	28.99	474.4	376	4.9	16.5	675	2.85	10.0	.1	57.5	.2	12.3	2.44	.27	.14	18	.46	.074	.7	2.3	.91	44.3	.085	<1	1.11	.009	.21	.3	1.4	.06	2.48	62	5.0	.10	2.4
410237	6.26	437.62	7.13	168.9	467	15.1	23.9	761	4.04	14.7	.1	20.3	.2	17.6	.22	.16	.11	26	.90	.076	.9	52.8	1.38	40.2	.095	1	1.42	.010	.15	.2	1.5	.05	3.17	<5	6.2	.07	3.2
410238	2.06	88.46	12.12	121.3	228	55.9	22.8	947	3.47	5.1	.2	23.9	.4	37.3	.07	.14	.06	70	2.70	.077	1.6	259.5	3.32	88.4	.149	<1	2.75	.014	.02	.2	2.9	<.02	.50	<5	.7	.06	6.8
410239	1.38	150.83	10.51	217.0	223	53.7	33.7	1524	6.47	4.6	.1	19.7	.1	36.7	.17	.10	.08	167	4.27	.085	1.0	107.1	3.59	29.3	.098	<1	3.70	.007	.07	.2	12.0	.02	1.89	<5	2.4	.10	9.0
410240	1.01	137.78	4.85	218.1	170	48.9	33.9	1552	6.30	8.6	.1	19.6	.2	42.5	.11	.30	.05	172	3.76	.094	1.1	96.5	3.59	12.8	.152	<1	3.73	.015	.03	.3	5.6	<.02	.83	<5	2.0	.05	10.7
410241	2.86	154.63	3.83	168.0	232	37.2	29.7	1391	5.49	11.9	.1	28.3	.1	31.1	.08	.26	.06	118	2.65	.083	.9	71.0	3.02	27.2	.134	<1	3.09	.012	.08	.3	2.3	.03	1.57	<5	2.5	.07	7.4
410242	1.96	155.94	3.03	176.4	222	41.4	29.6	1242	5.42	10.5	.1	18.2	.2	30.8	.04	.23	.04	101	2.82	.096	.9	71.7	2.57	36.5	.124	<1	2.82	.013	.10	.8	2.5	.03	1.54	<5	3.2	.04	6.4
RE 410242	2.00	154.25	2.89	175.8	225	41.5	27.7	1239	5.27	10.5	.1	21.7	.1	29.8	.05	.21	.04	98	2.81	.095	.9	67.9	2.51	33.5	.115	<1	2.78	.012	.10	.7	2.3	.03	1.52	<5	3.3	<.02	6.2
RRE 410242	1.94	155.72	2.88	175.0	226	39.4	27.8	1219	5.29	10.2	.1	19.7	.1	30.8	.06	.23	.04	97	2.81	.091	.9	67.3	2.50	31.5	.123	1	2.73	.011	.09	.8	2.3	.03	1.51	<5	3.0	.09	6.2
410243	1.44	159.73	4.24	157.4	270	5.1	17.8	747	3.34	11.7	.1	23.1	.2	15.4	.05	.20	.08	21	.49	.075	.7	3.4	1.17	45.8	.086	1	1.36	.012	.18	.3	1.3	.05	2.46	<5	5.3	.10	2.9
410244	6.91	266.32	4.18	169.1	461	5.9	23.1	730	4.36	10.6	.1	29.1	.2	11.1	.07	.20	.10	17	.44	.076	.6	4.4	1.14	35.0	.081	<1	1.34	.007	.16	.2	1.2	.04	3.68	<5	8.0	.09	2.7
410245	8.77	797.54	4.06	120.2	827	5.0	18.9	733	3.16	6.4	.1	36.4	.2	15.1	.08	.18	.08	32	.46	.072	.7	2.5	1.29	27.8	.090	<1	1.52	.012	.15	.2	1.3	.05	1.97	<5	4.1	.12	3.5
410246	3.24	256.37	2.94	97.1	313	5.7	20.9	632	4.46	4.2	.1	22.9	.2	10.6	.03	.14	.11	23	.42	.080	.6	2.5	1.24	28.3	.085	<1	1.40	.013	.14	.3	1.3	.04	3.73	<5	7.1	.10	3.2
410247	4.40	295.34	3.40	93.8	372	5.6	23.3	596	4.72	4.1	.1	45.6	.2	9.3	.04	.13	.10	19	.39	.074	.7	5.3	1.21	32.4	.090	<1	1.38	.011	.15	.2	1.3	.04	4.21	<5	7.4	.10	2.9
410248	3.84	356.70	4.64	103.4	355	5.3	22.6	522	4.17	4.9	.1	32.0	.3	8.4	.09	.14	.12	19	.70	.077	.8	2.3	.95	40.9	.065	1	1.34	.009	.16	.2	1.2	.05	2.98	<5	5.2	.17	3.1
410249	7.83	1533.77	5.07	90.0	1221	5.5	30.5	441	4.53	12.9	.1	95.8	.4	8.6	.18	.15	.29	20	.86	.071	1.5	2.9	.92	34.8	.007	<1	1.27	.012	.20	.1	1.3	.06	3.69	<5	6.5	.53	3.1
410250(pulp)	8.97	4828.98	9.62	84.7	1146	11.8	9.3	823	5.56	6.7	.3	323.7	1.8	179.1	.33	5.55	1.18	43	2.07	.074	4.1	20.1	.94	55.0	.021	3	.75	.047	.26	5.4	5.2	.10	1.68	1029	7.9	.12	3.4
410251	.38	57.79	3.93	70.7	197	8.8	13.8	946	3.47	1.6	.3	22.9	1.4	158.8	.12	.10	.04	46	2.78	.122	6.5	12.3	1.28	85.9	.008	<1	1.82	.031	.09	<.1	2.9	.03	.35	<5	.5	.22	7.4
410252	.20	46.17	3.47	69.4	117	12.1	12.5	993	3.42	1.0	.3	12.5	1.5	159.7	.10	.08	.02	50	3.00	.114	6.4	16.5	1.32	99.6	.006	<1	1.84	.032	.09	<.1	3.2	.03	.09	<5	.2	.11	7.5
410253	2.80	216.61	2.52	86.4	258	17.5	27.4	899	5.20	2.8	.1	15.0	.3	39.2	.13	.16	.09	94	2.85	.098	1.8	30.8	1.97	31.9	.062	<1	2.30	.013	.10	.1	6.0	.03	2.03	<5	3.3	.22	6.2
410254	4.00	150.74	2.27	108.6	108	12.4	24.3	642	5.34	2.9	.1	8.3	.3	17.9	.04	.13	.12	74	1.22	.084	1.2	17.5	1.83	45.1	.092	<1	2.09	.020	.12	.2	3.8	.03	2.98	<5	3.9	.10	5.7
410255	5.69	462.57	2.65	105.2	300	6.0	23.6	410	4.74	6.2	.1	17.8	.2	7.3	.10	.15	.19	22	.36	.086	.7	4.0	1.12	35.6	.064	1	1.29	.010	.13	.2	1.3	.11	3.92	<5	5.8	.13	3.0
STANDARD DS7	21.25	106.80	70.85	411.2	881	55.7	9.8	634	2.43	45.2	5.2	76.5	4.9	73.0	6.22	5.83	4.51	83	.96	.074	13.5	180.1	1.07	364.6	.132	37	1.01	.078	.43	4.0	2.6	4.33	.20	204	3.6	1.07	5.1

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data [illegible] FA ____

ACME ANALYTICAL

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	1.02	22.70	6.60	83.8	68	4.9	4.4	511	1.86	4.6	2.5	1.4	4.0	52.3	.11	1.40	.09	36	.54	.067	6.9	10.6	.58	182.5	.119	<1	.93	.099	.41	.2	1.9	.30	.04	29	<.1	.03	4.9
410256	5.60	329.64	2.44	100.0	315	9.4	27.1	596	4.43	4.8	.1	81.0	.2	10.2	.06	.20	.14	46	.62	.084	.6	10.4	1.44	35.2	.086	1	1.74	.015	.13	.3	1.8	.06	2.90	<5	5.1	.20	4.1
410257	.17	141.40	1.16	113.3	183	29.8	34.0	1561	6.35	3.0	<.1	21.1	.1	34.2	.06	.33	.02	183	3.20	.122	1.5	49.9	3.76	2.7	.177	<1	3.99	.014	.01	.7	2.5	<.02	.04	<5	<.1	<.02	8.8
410258	2.59	411.80	1.53	79.9	339	19.2	32.6	799	5.08	2.5	.1	36.4	.2	17.5	.07	.29	.10	92	1.17	.101	1.1	30.8	2.07	41.0	.129	<1	2.46	.015	.10	.4	1.6	.03	1.77	<5	3.2	.09	5.3
410259	2.25	247.52	2.16	51.7	186	4.1	16.3	338	3.55	3.0	.1	20.5	.3	148.7	.06	.14	.12	21	3.79	.068	1.1	2.8	.89	32.6	.054	<1	1.18	.010	.11	.1	1.1	.03	4.74	<5	4.3	.03	3.0
410260	5.29	495.80	2.10	48.2	373	4.7	21.6	316	3.93	3.3	.1	37.7	.4	175.2	.11	.19	.13	16	4.07	.068	1.5	3.1	.77	31.4	.037	<1	1.05	.010	.10	<.1	.9	.03	5.64	<5	4.1	.07	2.5
410261	1.92	124.97	1.31	29.7	93	4.0	17.0	302	3.09	1.4	.1	12.4	.4	193.1	.03	.13	.10	13	5.14	.066	1.3	1.8	.69	31.9	.003	1	.87	.008	.13	<.1	.8	.04	5.83	<5	3.7	.07	1.9
410262	4.13	542.86	1.58	50.0	385	15.2	23.4	830	4.06	2.2	.1	51.9	.3	144.1	.09	.25	.10	98	4.78	.079	1.3	27.7	1.77	22.8	.041	<1	2.07	.010	.08	<.1	4.8	.02	3.21	<5	2.3	.09	5.6
410263	2.25	142.93	1.63	64.9	181	24.6	29.1	1010	5.05	1.7	<.1	21.1	.2	163.7	.06	.25	.10	170	5.70	.093	1.3	48.9	2.40	21.1	.039	<1	2.79	.012	.08	<.1	9.1	.02	2.79	<5	1.4	.14	8.0
410264	4.61	734.49	2.15	38.0	1056	5.3	23.3	443	3.24	1.5	<.1	66.2	.3	218.6	.24	.37	.14	17	5.26	.065	1.1	2.4	.99	31.1	.002	<1	1.14	.006	.16	2.0	1.3	.06	4.60	8	5.1	.53	2.6
410265	3.55	417.75	1.24	43.7	344	3.8	12.7	559	3.19	1.4	.1	31.1	.3	164.9	.05	.15	.05	33	3.75	.068	.9	4.7	1.26	37.3	.040	<1	1.70	.012	.12	.2	1.6	.11	2.88	<5	.7	.13	4.2
410266	.86	178.61	1.59	56.9	189	39.4	25.9	901	5.47	.6	.1	26.4	.3	98.5	.05	.13	<.02	144	5.48	.063	.9	108.1	3.23	42.4	.101	<1	3.19	.014	.06	.3	11.2	.04	1.27	<5	.3	.03	8.3
410267	1.49	419.16	2.22	67.5	305	18.3	18.5	614	5.23	.7	.1	26.7	.4	131.7	.06	.09	.05	109	3.49	.070	.8	46.0	2.35	40.1	.051	<1	2.68	.022	.07	.2	7.6	.02	1.70	<5	.8	.04	9.0
410268	1.35	711.21	1.34	62.2	414	15.0	21.0	588	4.74	.8	.1	53.8	.4	83.7	.06	.13	.03	75	2.73	.074	.7	34.6	1.92	40.9	.075	<1	2.34	.021	.09	.3	4.4	.03	1.49	<5	1.2	.05	6.6
410269	2.17	2797.53	1.26	60.6	1521	5.1	18.1	450	3.36	.9	.1	199.6	.3	101.7	.24	.16	.04	48	2.83	.053	.7	6.7	1.33	52.4	.090	<1	1.80	.020	.12	.4	1.8	.04	2.44	6	2.7	.18	4.6
RE 410269	2.21	2830.66	1.25	63.5	1489	5.3	18.7	457	3.47	1.1	.1	196.0	.3	105.7	.24	.14	.04	48	2.96	.053	.7	6.9	1.37	52.9	.091	<1	1.85	.020	.12	.4	1.8	.04	2.50	<5	2.7	.25	4.8
RRE 410269	1.99	2728.66	1.21	59.9	1489	4.8	18.1	442	3.36	1.0	.1	199.5	.3	97.9	.21	.14	.04	46	2.78	.053	.7	6.2	1.29	48.6	.088	<1	1.70	.019	.11	.4	1.6	.03	2.42	<5	2.7	.14	4.5
410270(pulp)	10.09	9263.67	19.64	86.5	3213	393.9	15.7	848	6.96	7.5	.1	955.2	1.3	82.6	.36	9.31	.74	50	2.01	.057	2.9	434.9	.96	67.3	.005	3	.46	.040	.31	1.1	4.8	.11	1.23	1399	11.3	.29	2.0
410271	.91	323.97	1.40	58.4	200	12.2	14.5	600	4.04	.6	.1	22.8	.3	74.7	.05	.09	.03	53	2.72	.067	.8	9.0	1.46	40.6	.023	1	2.12	.025	.11	.4	2.3	.03	.89	<5	.5	.03	5.4
410272	1.35	1976.58	2.59	67.1	1378	14.8	18.4	921	4.13	1.7	.1	181.5	.3	114.9	.25	.11	.14	46	5.14	.063	1.3	6.7	1.45	27.0	.004	<1	2.00	.015	.10	1.0	2.6	.04	1.35	7	1.5	.20	5.6
410273	3.40	1871.74	2.53	52.1	1806	7.1	23.5	730	3.76	1.5	.1	234.6	.4	241.8	.28	.11	.16	24	5.66	.081	1.1	3.0	1.19	36.9	.003	<1	1.37	.012	.14	.2	1.6	.05	3.50	7	3.0	.31	4.0
410274	17.65	1786.71	1.64	58.5	1166	3.9	14.0	655	3.39	1.3	<.1	156.6	.3	178.9	.14	.15	.12	31	4.64	.067	1.2	2.3	1.17	28.8	.003	1	1.68	.011	.10	.5	1.6	.12	3.43	<5	2.0	.25	4.8
410275	8.21	1702.06	1.72	76.5	1188	4.3	17.1	722	3.91	1.2	.1	172.2	.5	170.4	.13	.15	.13	43	4.11	.072	1.6	3.5	1.29	36.3	.003	<1	1.97	.017	.11	<.1	2.3	.05	2.83	<5	2.0	.15	5.7
410276	4.46	637.91	1.70	55.3	482	35.8	18.9	861	3.41	1.1	<.1	79.2	.3	250.0	.10	.10	.13	42	6.05	.064	.6	63.1	1.88	24.1	.002	<1	1.67	.008	.09	<.1	3.9	.04	3.52	<5	1.4	.26	3.9
410281	3.21	760.55	1.95	69.5	417	3.4	14.4	632	3.80	1.4	.1	69.1	.4	143.6	.11	.11	.13	44	4.04	.070	1.2	3.0	1.10	39.1	.042	<1	1.82	.016	.11	2.5	1.8	.03	2.89	6	.8	.06	5.0
410282	2.40	920.57	1.52	76.3	498	5.4	13.2	694	3.77	.8	.1	70.8	.4	128.3	.07	.09	.06	51	4.59	.062	1.3	5.0	1.25	32.9	.042	<1	1.95	.017	.09	.1	2.2	.03	2.74	<5	.6	.03	6.0
410283	1.43	985.43	1.85	146.1	640	4.4	15.7	675	4.83	.8	.1	100.4	.4	122.0	.66	.11	.08	69	3.56	.071	1.5	4.2	1.43	39.0	.015	2	2.32	.023	.09	.2	3.7	.03	2.01	6	.6	.10	8.5
410284	1.57	3103.29	1.78	75.4	2263	4.8	12.9	584	5.00	.9	.1	971.6	.5	84.3	.21	.15	.17	69	2.61	.079	1.3	4.7	1.34	29.9	.015	1	2.33	.024	.08	1.3	3.8	.03	1.95	<5	2.7	.57	8.3
410285	6.50	5033.73	2.64	61.8	2199	5.8	14.6	540	4.66	.9	<.1	746.4	.5	254.5	.27	.21	.25	45	3.19	.085	.7	2.7	.96	42.8	.002	<1	1.67	.020	.11	.1	2.5	.04	2.98	<5	5.0	.43	5.4
410286	2.80	3675.29	1.86	76.9	2815	3.4	10.6	707	5.06	1.0	<.1	578.7	.3	146.1	.57	.21	.15	53	3.27	.081	.5	4.2	1.18	24.5	.005	1	1.31	.030	.09	.3	4.7	.03	1.65	<5	2.0	.16	5.3
410287	1.72	2455.44	2.14	94.1	2188	3.8	12.6	1014	5.50	1.1	<.1	503.8	.4	152.7	.33	.12	.18	60	3.90	.058	<.5	4.4	1.26	29.9	.002	1	1.55	.028	.08	.2	5.3	.03	2.02	<5	1.7	.43	6.5
410288	2.65	1788.24	2.01	97.1	1647	4.8	14.6	745	6.06	1.0	<.1	330.4	.5	108.0	.30	.09	.27	53	2.74	.047	.5	5.1	1.17	28.2	.002	1	1.59	.027	.09	.2	3.6	.04	2.05	<5	1.7	.51	6.2
410289	3.13	932.38	1.88	46.4	1491	5.1	11.4	717	4.09	1.1	.1	203.2	.7	102.6	.26	.10	.27	15	3.05	.058	.6	4.4	.97	36.1	.001	2	.90	.021	.13	.2	1.6	.06	2.66	14	1.3	.78	2.4
410290(pulp)	6.16	1032.76	5.45	56.9	282	10.6	6.3	589	3.43	3.4	.4	71.0	2.1	40.7	.16	1.45	.59	37	.96	.055	5.4	19.9	.62	119.3	.069	4	.90	.062	.13	3.8	3.5	.04	.52	208	2.0	.03	3.7
410291	4.50	925.76	2.12	26.6	1875	4.7	10.5	777	4.05	1.0	.1	367.4	.8	118.4	.27	.10	.27	13	2.92	.056	1.1	4.9	.83	51.8	.005	1	.79	.021	.15	.4	1.3	.07	2.66	15	1.0	1.00	2.3
STANDARD DS7	20.94	104.75	71.85	406.8	869	55.5	9.6	616	2.37	43.2	5.2	84.3	4.7	69.8	5.93	5.70	4.61	81	.92	.073	12.8	176.8	1.04	368.0	.129	37	.98	.075	.42	3.9	2.6	4.32	.19	204	3.2	1.04	5.1

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ____

ACME ANALYTICAL

Geoinformatics Exploration FILE # A606303

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.32	12.63	2.52	46.6	28	5.3	4.5	517	1.90	.7	2.5	1.0	3.8	58.7	.02	.02	.06	39	.49	.082	6.5	12.3	.60	198.8	.128	1	.96	.080	.50	<.1	1.8	.31	.02	<5	<.1	<.02	4.6
410292	19.62	1245.88	1.64	30.4	818	6.7	12.8	569	2.97	3.1	.1	132.3	1.1	183.3	.17	.07	.13	14	3.38	.065	1.4	7.3	.88	44.0	.001	1	1.05	.033	.11	.7	1.7	.06	2.46	<5	1.2	.41	3.3
410293	2.54	1679.01	1.40	41.1	1348	5.1	8.8	445	4.36	1.4	<.1	278.0	1.1	52.9	.23	.07	.11	36	2.19	.052	1.3	10.6	.85	40.2	.010	1	1.61	.034	.11	.4	1.4	.04	1.49	<5	1.4	.49	5.6
410294	1.48	1355.13	1.77	40.7	880	5.5	9.0	487	3.57	1.1	.1	268.8	1.4	101.8	.21	.05	.13	32	2.47	.067	1.6	10.8	.89	52.8	.003	<1	1.48	.036	.10	1.7	1.3	.04	1.64	<5	1.4	.38	5.5
410295	4.29	1346.59	4.77	49.0	1911	5.0	7.9	564	3.25	.7	.1	151.1	1.5	69.2	.80	.06	.07	29	2.23	.070	1.6	10.2	.96	53.2	.004	1	1.54	.035	.12	.3	1.4	.04	1.13	6	.8	.87	5.5
410296	34.81	746.77	1.72	36.1	938	4.8	8.1	515	2.72	.5	.1	788.0	1.3	86.1	.14	.05	.24	21	2.46	.060	1.1	11.0	.77	47.5	.004	1	1.15	.034	.11	3.2	1.2	.03	1.65	<5	1.0	1.24	4.0
410297	6.22	811.26	1.49	45.0	642	4.7	7.0	490	2.65	.4	.1	290.5	1.5	68.7	.13	.06	.14	16	2.44	.067	1.3	9.9	.83	51.7	.009	<1	1.28	.030	.14	3.2	1.1	.04	1.34	<5	.9	.43	3.8
410298	.85	246.56	3.49	60.1	370	3.9	10.5	765	3.60	.5	.2	49.0	1.8	90.6	.29	.10	.07	46	2.38	.125	4.6	7.2	1.31	68.1	.025	1	1.98	.037	.13	8.6	2.3	.09	.37	<5	.2	.23	5.5
410299	2.30	923.63	2.01	52.8	2083	4.7	7.7	640	2.71	.5	.1	256.6	1.7	107.6	.51	.07	.09	20	2.88	.077	1.5	9.6	.94	64.2	.003	1	1.43	.031	.14	2.5	1.2	.05	1.39	5	.8	1.07	4.6
410300	3.45	883.24	1.80	42.8	759	4.8	7.3	555	2.92	.9	.1	166.2	1.5	146.1	.18	.05	.07	26	2.88	.079	1.9	10.4	.84	56.4	.003	1	1.35	.033	.14	.7	1.3	.04	1.11	<5	.6	.25	4.3
410[illegible]	.93	433.27	3.22	62.8	1240	4.9	9.3	852	3.58	.5	.1	147.8	1.3	122.4	.52	.05	.08	29	3.16	.095	4.7	7.6	.97	83.7	.002	1	1.53	.028	.13	.3	1.8	.05	.82	13	.2	.85	4.3
STANDARD DS7	21.16	108.25	71.56	409.8	896	56.7	9.7	621	2.40	51.8	5.0	78.6	4.5	66.6	6.44	6.21	4.79	83	.92	.082	12.6	171.1	1.05	383.2	.122	40	.94	.074	.45	4.1	2.5	4.41	.21	208	3.4	1.13	4.6

Sample type: DRILL CORE R150.

(

Data 1 FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration File # A606303 Page 1 (b)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: N / A

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.67	.1	.12	.35	46.2	.5	<.05	1.2	3.82	13.7	.02	<1	.1	32.5	<10	<2	30	-
410192	.45	<.1	<.02	.02	3.5	.1	<.05	.5	2.37	6.8	.04	10	.1	14.5	<10	6	30	5.0
410193	.31	<.1	.02	.02	3.6	.1	<.05	.5	3.03	8.7	.04	6	.1	12.4	<10	6	30	5.0
410194	.40	<.1	.02	.04	2.9	.1	<.05	.6	3.11	4.8	.04	7	.1	12.4	<10	4	30	5.0
410195	.51	<.1	.04	.03	3.5	.1	<.05	.7	3.13	4.3	.03	11	.1	9.6	<10	4	30	5.1
410196	.68	<.1	.03	.05	6.2	.1	<.05	1.3	2.19	3.9	<.02	<1	.1	7.7	<10	<2	30	5.0
410197	.69	<.1	.03	.03	6.6	.1	<.05	1.2	2.79	5.1	<.02	<1	<.1	7.5	<10	<2	30	4.8
410198	1.17	<.1	.04	.04	7.4	.1	<.05	1.0	2.63	4.7	<.02	<1	.1	7.7	<10	5	30	5.2
410199	.68	<.1	.02	.04	3.8	.1	<.05	.5	3.15	4.6	<.02	12	.1	9.1	<10	3	30	5.1
410200	.89	<.1	.02	.05	7.0	.1	<.05	.5	2.39	3.6	<.02	2	.1	7.9	<10	3	30	5.4
410201	.38	<.1	.02	.05	3.8	.2	<.05	.4	2.10	2.4	.04	20	.1	6.7	<10	11	30	4.9
410202	.36	<.1	.02	.03	2.2	.2	<.05	.5	1.34	1.1	.06	2	.1	9.1	31	22	30	5.1
410203	.81	.1	<.02	.04	2.5	.2	<.05	.5	1.80	1.3	.04	3	.1	10.9	39	18	30	5.5
410204	.36	.1	<.02	.06	2.6	.1	<.05	.4	1.66	1.0	<.02	5	.1	9.3	22	5	30	5.1
410205	.31	<.1	<.02	.05	3.7	.1	<.05	.4	1.39	.9	.02	3	.1	7.5	29	15	30	5.5
410206	.26	<.1	.02	.04	2.8	.2	<.05	.5	1.49	1.1	<.02	3	<.1	7.0	51	14	30	5.3
410207	.22	.1	<.02	.05	2.4	.1	<.05	.3	1.16	.9	<.02	4	<.1	6.5	82	18	30	6.0
410208	.17	.1	<.02	.03	2.4	.2	<.05	.5	1.53	1.0	<.02	4	.1	7.7	54	14	30	5.3
410209	.19	<.1	.02	.03	2.3	.2	<.05	.5	1.83	1.1	.02	1	.1	8.1	56	15	30	5.2
410210(rock)	.57	<.1	.14	.16	2.6	.3	<.05	2.4	3.66	12.6	<.02	<1	.1	2.8	<10	<2	30	.4
410211	.27	.1	<.02	.03	2.5	.1	<.05	.5	1.85	1.5	.02	4	.1	9.5	43	16	30	5.0
410212	.27	.1	.02	.03	1.7	.4	<.05	.5	1.74	1.5	.05	3	<.1	12.4	38	13	30	4.6
410213	.15	.1	<.02	.03	1.0	.3	<.05	.4	1.65	1.3	.04	2	.1	11.7	37	12	30	4.7
RE 410213	.14	.1	<.02	.04	1.1	.4	<.05	.4	1.72	1.3	.04	4	<.1	12.0	38	12	30	-
RRE 410213	.15	.1	.02	.03	1.1	.3	<.05	.5	1.72	1.3	.03	5	.1	11.6	39	10	30	-
410214	.16	<.1	<.02	.04	1.3	.2	<.05	.3	2.10	2.0	.02	2	.1	14.1	30	7	30	7.4
410215	.56	<.1	.02	.02	3.8	.1	<.05	.7	3.68	10.6	.02	2	.1	10.7	23	7	30	5.2
410216	.30	<.1	<.02	.03	2.6	.1	<.05	.3	2.92	3.3	.03	6	<.1	16.9	32	10	30	5.2
410217	.41	<.1	<.02	.02	2.7	.1	<.05	.3	2.22	2.0	.11	<1	.1	18.9	58	21	30	6.0
410218	.35	<.1	<.02	.03	1.7	.1	<.05	.2	1.94	2.0	.10	4	.1	26.4	57	15	30	5.5
410219	.25	.1	<.02	.03	1.1	.1	<.05	.3	1.51	1.4	.10	<1	<.1	20.4	24	27	30	5.0
410220	.28	.1	<.02	.03	1.3	.1	<.05	.3	1.45	2.1	.08	1	.1	17.4	19	14	30	5.0
410221	.25	<.1	.03	.02	2.0	.1	<.05	.7	3.13	5.6	.06	1	<.1	12.6	<10	2	30	5.3
410222	.21	.1	.02	.02	2.0	.1	<.05	.6	2.73	4.9	.09	5	.1	11.4	<10	3	30	5.5
410223	.39	<.1	.02	.02	3.2	.2	<.05	.9	2.67	5.4	.05	3	.1	10.2	11	2	30	5.2
STANDARD DS7	6.32	.1	.13	.70	35.8	5.3	<.05	5.6	5.44	39.5	1.61	5	1.6	29.5	61	41	30	-

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

10-20-06

Data FA ____ DATE RECEIVED: SEP 14 2006 DATE REPORT MAILED:..................

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	2.61	.1	.10	.51	30.4	.5	<.05	1.7	4.04	13.7	.02	3	.2	24.4	<10	<2	30	-
410224	.47	.1	.03	.02	2.6	.1	<.05	1.1	2.85	5.1	.09	3	<.1	12.3	<10	4	30	4.90
410225	.37	.1	.03	.02	2.4	.2	<.05	.5	2.12	2.9	.14	2	.1	12.7	38	13	30	5.60
410226	.31	.1	<.02	.03	1.4	.4	<.05	.4	1.57	1.6	.18	2	<.1	14.8	56	23	30	6.60
410227	.25	<.1	.03	.03	5.7	.3	<.05	.8	2.73	2.0	.02	341	.1	14.3	<10	<2	30	2.00
410228	.26	<.1	.04	.05	6.1	.5	<.05	1.0	2.33	1.8	.06	829	.2	16.4	<10	<2	30	2.00
410229	.25	<.1	.04	.05	5.8	.3	<.05	.8	1.64	1.4	.03	125	.2	16.2	<10	<2	30	2.00
410230(pulp)	.30	.1	.17	.16	3.7	1.7	<.05	3.4	7.57	12.1	.04	11	.1	2.1	<10	<2	30	-
410231	.19	<.1	.03	.04	4.4	.2	<.05	.8	1.47	1.2	.06	102	<.1	15.3	<10	<2	30	1.40
410232	.25	<.1	.02	.07	6.4	.5	<.05	.6	3.42	2.5	.12	545	.1	18.0	<10	<2	30	1.00
410233	.16	.1	.02	.06	4.6	.4	<.05	1.1	2.58	2.0	.04	200	<.1	13.8	<10	<2	30	1.60
410234	.19	.1	.04	.05	5.3	.4	<.05	1.0	2.50	2.0	.02	244	.2	13.1	<10	<2	30	1.50
410235	.24	<.1	.02	.05	5.4	.4	<.05	.9	2.20	1.6	<.02	85	.2	16.4	<10	<2	30	1.10
410236	.25	<.1	.03	.04	6.1	.4	<.05	1.1	2.62	1.7	.03	33	.2	10.4	<10	<2	30	1.40
410237	.21	<.1	.07	.07	4.7	.3	<.05	1.6	2.26	2.2	<.02	37	.2	12.7	<10	<2	30	2.10
410238	.10	.1	.10	.06	.8	.2	<.05	2.3	2.48	3.6	<.02	8	.3	25.5	<10	3	30	2.00
410239	.19	<.1	.03	.03	2.3	.2	<.05	.8	3.41	2.3	.03	19	.2	33.6	11	3	30	1.20
410240	.12	.1	.05	.03	1.1	.2	<.05	1.0	3.79	2.7	<.02	5	.1	30.7	14	2	30	3.90
410241	.17	.1	.06	.05	2.8	.2	<.05	.8	2.95	2.0	<.02	34	.2	24.1	10	<2	30	4.60
410242	.17	.1	.04	.04	3.7	.2	<.05	.7	2.87	2.4	<.02	10	.3	23.0	11	3	30	4.00
RE 410242	.17	<.1	.05	.03	3.5	.2	<.05	.6	2.82	2.1	<.02	11	.2	23.1	<10	<2	30	-
RRE 410242	.17	<.1	.05	.04	3.4	.2	<.05	.7	2.83	2.3	<.02	12	.2	22.2	<10	3	30	-
410243	.21	<.1	.04	.05	5.6	.3	<.05	.8	2.28	1.7	<.02	44	.3	11.2	<10	<2	30	3.00
410244	.25	<.1	.04	.06	4.6	.3	<.05	1.0	2.08	1.5	<.02	158	.2	12.9	<10	<2	30	3.80
410245	.21	.1	.07	.04	4.7	.3	<.05	.6	1.72	1.7	.02	121	.1	15.6	<10	<2	30	1.30
410246	.25	.1	.03	.06	4.5	.3	<.05	.9	1.69	1.4	<.02	47	.1	15.8	<10	<2	30	3.60
410247	.31	.1	.03	.09	4.4	.3	<.05	.8	1.83	1.6	<.02	32	.1	15.2	<10	<2	30	3.50
410248	.27	.1	.02	.05	5.0	.3	<.05	.7	2.43	1.9	<.02	59	<.1	15.4	<10	<2	30	1.00
410249	.33	.1	.03	.02	6.3	.2	<.05	.8	2.50	3.7	.04	141	<.1	14.1	<10	<2	30	3.60
410250(pulp)	.59	<.1	.06	.12	7.6	3.1	<.05	2.5	6.57	9.7	.14	37	.2	2.0	<10	<2	30	-
410251	.26	<.1	.04	.02	3.5	.1	<.05	1.2	4.49	14.8	<.02	2	.3	20.7	<10	<2	30	4.10
410252	.30	.1	.04	<.02	3.8	.1	<.05	1.2	4.00	14.1	.02	3	.1	20.6	<10	2	30	5.60
410253	.28	<.1	.04	.03	3.7	.1	<.05	1.1	3.71	4.2	.02	30	.1	27.4	<10	7	30	3.50
410254	.20	.1	.05	.04	3.6	.2	<.05	1.0	3.70	2.7	<.02	47	.2	24.3	<10	<2	30	3.50
410255	.32	<.1	.02	.06	4.0	.2	<.05	1.7	2.31	1.8	<.02	73	<.1	17.2	<10	<2	30	2.20
STANDARD DS7	6.35	.1	.14	.72	36.4	5.3	<.05	5.7	5.66	39.3	1.62	2	1.5	28.8	56	36	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.07	.1	.10	.51	36.7	.6	<.05	1.7	4.33	14.7	.02	2	.3	33.6	<10	<2	30	-
410256	.29	.1	.03	.05	4.4	.2	<.05	.9	2.12	1.5	<.02	53	.1	21.2	<10	2	30	2.00
410257	.10	.2	.09	.04	.3	.2	<.05	1.6	3.42	3.6	<.02	2	.3	37.3	17	10	30	1.60
410258	.19	<.1	.06	.06	3.3	.2	<.05	1.2	3.04	2.8	<.02	38	.2	25.1	<10	4	30	3.60
410259	.21	<.1	.02	.07	3.5	.2	<.05	.6	3.55	2.7	<.02	33	<.1	13.4	<10	<2	30	4.50
410260	.23	.1	.02	.06	3.4	.1	<.05	.6	4.09	3.3	<.02	67	<.1	12.4	<10	<2	30	5.10
410261	.40	.1	.02	.02	4.0	.1	<.05	.6	2.74	3.3	<.02	15	.1	9.5	<10	<2	30	5.10
410262	.23	.1	.04	.04	2.6	.1	<.05	.8	3.53	3.2	.02	37	<.1	22.8	<10	3	30	5.00
410263	.29	.1	.03	.04	2.6	.1	<.05	.6	4.16	3.3	.02	21	.2	30.1	<10	5	30	5.00
410264	.46	<.1	.03	.03	5.9	.3	<.05	.7	2.18	2.5	<.02	79	.2	12.4	<10	<2	30	5.10
410265	.29	<.1	.02	.04	3.9	.1	<.05	.6	2.39	2.1	<.02	42	<.1	17.9	<10	<2	30	5.10
410266	.25	.1	.02	.05	2.3	.2	<.05	1.2	3.51	2.1	.02	7	.1	30.4	<10	9	30	5.00
410267	.23	.1	<.02	.04	2.6	.2	<.05	1.4	4.22	2.0	.02	30	.1	27.5	<10	<2	30	5.20
410268	.29	.1	.03	.04	3.1	.2	<.05	.9	2.75	1.6	<.02	20	<.1	23.6	<10	<2	30	5.20
410269	.30	<.1	.02	.06	4.1	.2	<.05	.8	2.07	1.8	.02	45	.2	18.7	<10	<2	30	5.10
RE 410269	.32	.1	.03	.07	4.2	.2	<.05	.8	2.06	1.7	.02	32	.1	17.9	<10	<2	30	-
RRE 410269	.31	.1	.02	.07	3.7	.2	<.05	.8	1.96	1.7	.03	40	.1	19.1	<10	<2	30	-
410270(pulp)	.59	<.1	.02	.15	8.3	1.2	<.05	.9	4.20	6.1	.17	7	.2	1.0	<10	2	30	-
410271	.32	<.1	.02	.03	4.0	.1	<.05	.7	2.40	2.0	<.02	14	.1	25.1	<10	<2	30	5.10
410272	.40	<.1	.02	.02	4.1	.1	<.05	.6	2.04	3.3	.03	18	.1	24.8	<10	<2	30	4.80
410273	.43	<.1	.03	.03	5.0	.1	<.05	1.0	2.34	2.8	.03	55	<.1	16.7	<10	<2	30	5.00
410274	.39	<.1	.02	.03	3.4	.1	<.05	.5	2.06	2.8	.05	134	.1	23.6	<10	<2	30	4.90
410275	.43	<.1	.02	.02	4.0	.1	<.05	.5	2.43	3.7	.02	85	<.1	25.3	<10	<2	30	5.10
410276	.43	<.1	.03	.02	3.3	.1	<.05	.7	2.06	1.6	.02	54	<.1	23.2	<10	<2	30	5.50
410281	.59	<.1	<.02	.06	3.5	.1	<.05	.5	3.39	3.0	.02	48	.1	19.5	<10	<2	30	5.10
410282	.75	<.1	<.02	.04	2.8	.2	<.05	.5	3.84	3.2	<.02	17	.1	21.7	<10	<2	30	5.20
410283	.55	.1	.02	.04	3.1	.1	<.05	.5	3.11	3.8	.03	12	.1	26.7	<10	<2	30	5.10
410284	.47	.1	.02	.03	3.1	.2	<.05	.4	2.72	3.4	.07	8	<.1	28.3	11	<2	30	5.30
410285	.66	.1	<.02	.02	4.1	.2	<.05	.5	2.13	2.1	.11	43	.1	20.3	25	4	30	5.20
410286	.38	<.1	.02	<.02	3.7	.1	<.05	.4	2.97	1.3	.09	24	.2	14.2	19	2	30	5.00
410287	.44	<.1	.10	.02	3.3	.1	<.05	.4	2.98	1.2	.10	20	.2	19.3	17	2	30	5.20
410288	.52	.1	.03	.02	3.7	.1	<.05	.6	2.37	1.3	.06	20	.1	19.7	51	12	30	5.50
410289	.87	<.1	.04	.02	6.0	.1	<.05	1.2	2.70	1.7	.04	16	.2	8.0	32	6	30	5.50
410290(pulp)	.29	.1	.12	.20	3.7	1.6	<.05	3.4	7.43	11.9	.03	10	.1	2.2	<10	<2	30	-
410291	1.00	<.1	.04	.02	7.2	.1	<.05	1.2	3.65	2.6	.06	11	.2	7.4	27	7	30	4.50
STANDARD DS7	6.30	.2	.13	.68	35.6	5.2	<.05	5.6	5.40	39.0	1.57	4	1.6	28.5	63	39	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.17	.1	.10	.35	40.3	.4	<.05	1.6	4.13	13.5	<.02	<1	.2	33.8	<10	<2	30	-
410292	.63	<.1	.02	<.02	4.6	.1	<.05	.6	3.14	3.0	.05	79	.2	12.7	<10	<2	30	5.0
410293	.36	<.1	<.02	.03	3.8	.1	<.05	.5	1.71	2.8	.03	7	.1	19.0	21	6	30	5.0
410294	.32	<.1	<.02	.02	3.6	.1	<.05	.4	1.93	3.3	.04	3	.1	16.9	24	3	30	5.2
410295	.30	<.1	.02	<.02	4.1	.1	<.05	.8	2.06	3.5	.03	6	.1	17.4	14	2	30	5.1
410296	.33	<.1	.02	.02	3.4	.1	<.05	.5	1.75	2.5	.02	21	.1	13.5	<10	2	30	5.1
410297	.39	<.1	.02	.02	4.0	.1	<.05	.7	1.77	2.8	.03	7	.1	13.3	<10	2	30	5.7
410298	.41	<.1	.04	.06	4.3	.1	<.05	1.1	4.10	9.8	.02	1	.2	21.5	<10	<2	30	4.5
410299	.42	<.1	<.02	.02	5.0	.1	<.05	.6	2.32	3.3	.05	2	.1	16.8	14	2	30	5.0
410300	.40	<.1	<.02	<.02	4.7	.1	<.05	.3	2.46	4.3	.03	3	.2	14.1	14	2	30	5.5
410301	.69	.1	.03	<.02	5.3	.1	<.05	1.4	4.62	9.8	.02	3	.2	15.6	<10	3	30	5.5
STANDARD DS7	6.59	.2	.11	.70	36.3	5.3	<.05	5.5	5.19	38.0	1.64	4	1.7	29.3	60	38	30	-

Sample type: DRILL CORE R150.

Data ✓ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
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GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration File # A606303A (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: N / A

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.44	5.49	5.67	54.6	74	5.1	5.1	546	1.98	.8	3.2	<.2	4.8	78.6	.08	.12	.08	40	.61	.074	9.0	13.8	.61	233.2	.145	2	1.14	.126	.56	<.1	2.4	.38	.02	9	.1	.02	5.4
410277	3.48	746.33	1.88	62.9	466	5.3	17.6	730	3.58	1.5	.1	69.6	.4	133.4	.08	.15	.07	40	3.97	.074	1.4	5.4	1.29	35.9	.007	<1	2.03	.022	.14	.1	2.4	.05	2.81	<5	1.2	.14	5.2
410278	1.53	948.54	1.38	77.5	606	3.8	14.0	541	3.83	1.4	.1	59.4	.3	183.0	.14	.19	.06	47	4.19	.079	1.3	3.4	1.32	31.6	.012	<1	2.05	.020	.10	<.1	2.8	.05	3.28	7	1.4	.11	6.0
410279	1.61	876.84	1.82	72.6	530	4.6	12.3	520	3.76	.8	.1	100.9	.4	142.0	.09	.20	.04	44	4.90	.072	1.4	3.7	1.17	45.0	.034	1	1.86	.022	.12	.3	2.2	.04	3.96	12	1.0	.11	5.6
410280	3.41	886.71	2.71	62.9	641	4.5	13.0	676	3.34	1.2	.1	124.1	.4	96.5	.06	.16	.05	41	3.70	.073	1.1	3.5	1.22	42.6	.073	1	1.88	.020	.13	.2	2.0	.04	3.25	<5	1.0	.19	4.7
STANDARD DS7	20.69	109.31	70.82	413.8	853	54.2	9.5	635	2.42	48.2	5.2	68.9	4.6	70.7	6.46	5.97	4.62	84	.94	.077	13.0	174.0	1.06	367.8	.125	38	.99	.076	.43	4.0	2.5	4.29	.22	205	3.5	1.16	4.8

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150

10-20-06 P04:33 OUT

Data ✓ FA ____ DATE RECEIVED: SEP 14 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER
C. L.
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration File # A606303A (b)
304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: N / A

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm
G-1	3.48	.1	.14	.43	45.6	.7	<.05	1.7	6.14	19.4	.02	1	.3	34.0	<10	<2	30
410277	.40	<.1	.02	<.02	4.6	.1	<.05	.6	2.30	3.4	.02	47	.1	22.8	<10	<2	30
410278	.31	.1	<.02	.02	3.3	.1	<.05	1.3	3.11	3.1	.02	23	.1	23.4	<10	<2	30
410279	.50	.1	.02	.04	3.8	.1	<.05	.6	3.64	3.2	<.02	18	.1	18.8	<10	<2	30
410280	.41	<.1	<.02	.06	4.2	.2	<.05	.4	3.39	2.6	<.02	35	<.1	17.9	<10	<2	30
STANDARD DS7	6.28	.1	.11	.68	35.8	5.3	<.05	5.3	5.36	38.5	1.62	5	1.5	29.3	50	37	30

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150

Data 1 FA ____ DATE RECEIVED: SEP 14 2006 DATE REPORT MAILED: 10-23-06 P04:34 OUT

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606749 Page 1 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gerry Bidwell

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.43	4.38	3.30	44.5	23	5.0	4.8	551	1.85	2.0	3.4	<.2	4.9	53.2	.04	.02	.11	37	.50	.082	7.5	14.8	.60	228.7	.133	2	.94	.060	.50	<.1	2.4	.37	<.01	<5	.1	<.02	4.7
410302	2.81	1268.17	2.04	46.3	2105	4.8	8.5	592	3.78	1.6	.1	633.1	1.4	53.6	.44	.10	.22	35	2.34	.061	1.4	8.0	.90	40.2	.004	1	1.61	.044	.09	.1	2.7	.04	1.32	7	1.2	1.26	6.2
410303	.99	1021.83	2.14	46.0	806	5.6	8.2	656	3.13	3.8	.1	202.6	1.4	55.4	.24	.23	.17	26	2.33	.068	1.2	12.8	.92	55.3	.007	1	1.63	.033	.12	.5	2.0	.04	1.15	<5	.7	.43	5.3
410304	1.51	613.78	1.72	25.1	552	4.5	9.0	470	2.23	2.8	.1	109.9	.8	297.2	.17	.15	.24	8	9.20	.048	1.2	6.9	.54	30.8	.003	1	.90	.015	.06	61.7	1.2	.02	6.22	<5	1.3	.38	2.8
410305	.82	1381.10	1.37	39.4	1026	5.1	8.5	436	2.99	1.8	.1	273.7	1.2	65.5	.24	.15	.10	26	2.03	.070	.8	12.9	.89	49.9	.012	1	1.58	.035	.12	.3	2.2	.06	1.26	<5	1.2	.41	4.7
410306	.59	1395.21	1.45	48.2	1404	5.5	8.1	594	3.46	2.1	.1	340.5	1.4	56.0	.31	.16	.19	30	2.10	.070	1.1	13.3	.97	44.2	.012	1	1.68	.047	.12	1.1	2.7	.05	1.34	8	.9	.46	5.6
410307	.66	1110.04	1.31	48.7	872	5.5	8.1	567	3.83	1.0	.1	373.8	1.4	59.2	.24	.12	.09	44	2.00	.072	1.5	14.1	.97	39.9	.009	<1	1.77	.054	.08	.1	2.9	.03	.76	6	1.0	.47	6.9
410308	.68	1020.88	1.25	52.6	702	5.9	9.3	593	4.40	1.4	.1	413.6	1.3	67.2	.14	.12	.13	52	1.88	.059	1.3	14.9	.94	48.1	.008	1	1.81	.054	.08	.2	3.1	.03	.94	<5	1.0	.26	7.5
410309	.82	668.80	.89	52.2	443	5.2	8.0	666	3.56	1.1	.1	330.5	1.4	61.4	.08	.13	.08	44	1.85	.070	1.3	11.6	.96	35.4	.010	1	1.71	.054	.06	<.1	2.9	.02	.59	<5	.6	.20	7.1
410310 (pulp)	9.01	9264.28	19.19	76.5	2925	387.5	14.6	827	6.59	8.5	.1	881.2	1.2	76.8	.37	11.07	.76	48	1.92	.059	2.9	387.1	.91	92.1	.004	4	.38	.042	.30	1.3	4.5	.10	1.13	1265	9.9	.34	1.6
410311	.72	491.57	.66	51.4	320	5.6	8.5	603	4.18	1.2	.1	102.4	1.2	51.5	.06	.10	.06	51	1.18	.069	.8	12.8	.96	33.9	.023	1	1.71	.058	.04	.1	2.3	<.02	.52	<5	.5	.13	6.8
410312	1.30	776.00	1.03	53.9	582	5.4	7.8	730	4.15	.7	.1	184.1	1.3	61.2	.15	.11	.06	46	1.74	.072	1.2	12.8	.99	39.9	.008	<1	1.86	.062	.06	.1	3.2	.02	.43	<5	.4	.33	7.4
410313	1.23	500.84	.95	48.9	465	5.6	9.0	588	4.63	1.4	.1	104.6	1.3	55.3	.10	.09	.08	54	1.62	.072	1.3	12.7	1.00	38.0	.005	<1	1.81	.057	.06	<.1	3.2	.02	.54	<5	.4	.23	7.6
410314	.73	241.10	1.06	45.3	214	4.7	9.1	536	4.80	.8	.1	73.4	1.0	63.2	.10	.09	.14	44	1.89	.055	.8	9.5	.79	38.6	.003	<1	1.09	.041	.12	.1	2.5	.05	.77	<5	.3	.16	5.6
410315	.85	193.57	2.28	30.8	1414	3.9	7.0	713	4.28	.6	.1	176.3	.5	570.4	.58	.09	.21	12	5.92	.043	<.5	6.3	.71	32.8	.001	<1	.34	.012	.11	>100	1.1	.05	4.46	<5	.5	1.41	1.4
410316	.54	314.30	1.30	41.0	304	5.6	10.0	487	6.66	1.1	.1	145.2	.7	76.4	.13	.13	.21	53	1.88	.042	.6	10.5	.80	35.2	.002	1	1.09	.037	.10	.9	2.1	.05	.93	<5	.6	.25	5.3
410317	2.21	197.92	.88	31.8	2187	4.2	8.4	481	5.19	.6	.1	413.2	.7	70.8	.06	.07	.20	33	1.98	.052	.6	9.9	.81	33.0	.002	1	1.12	.046	.12	.9	2.3	.07	1.75	<5	.4	1.58	4.1
RE 410317	2.36	198.08	.98	32.1	2257	4.3	8.8	479	5.25	.6	.1	432.2	.7	71.1	.05	.07	.20	33	2.00	.053	.6	9.7	.81	31.8	.002	1	1.12	.048	.12	.9	2.4	.07	1.78	<5	.5	1.70	4.3
RRE 410317	2.31	204.82	.91	31.5	2166	3.9	8.4	474	5.28	.5	.1	428.2	.7	70.6	.04	.08	.19	34	1.96	.051	.6	9.5	.80	34.9	.003	2	1.14	.055	.13	.4	2.7	.07	1.76	5	.4	1.65	4.3
410318	.46	203.58	1.06	20.0	2940	4.3	8.9	581	5.42	.3	.1	512.1	.6	40.3	.08	.08	.32	29	1.70	.036	<.5	8.5	.75	29.3	.001	1	.65	.050	.11	13.3	2.0	.06	3.58	5	.7	3.22	3.0
410319	1.97	267.04	1.14	17.1	2963	4.2	9.1	521	6.51	.8	.1	697.7	.4	53.5	.10	.11	.32	52	1.51	.006	<.5	12.6	.54	28.0	.001	1	.40	.022	.10	.2	1.0	.06	3.17	6	.6	2.88	2.6
410320	1.07	297.12	.99	27.3	638	4.7	8.3	522	5.06	.7	.1	153.6	.7	50.8	.09	.09	.22	59	1.67	.027	.7	14.8	.63	30.1	.002	<1	.69	.034	.10	.1	1.9	.05	1.17	<5	.4	.62	3.8
410321	2.33	578.26	1.40	28.4	2109	4.6	8.3	775	3.61	.9	.1	480.3	1.4	147.5	.16	.13	.39	25	2.44	.051	.8	7.9	.94	47.7	.002	<1	.92	.040	.11	.1	2.6	.08	2.77	<5	.8	1.57	3.4
410322	.73	327.39	.83	51.2	166	6.0	8.2	568	3.58	.7	.1	57.3	1.6	89.5	.04	.10	.07	47	2.03	.075	1.8	10.6	1.08	41.1	.010	1	1.88	.054	.07	.2	3.3	.03	.94	<5	.2	.08	6.7
410323	.56	169.77	.95	41.3	140	4.0	7.7	515	4.57	2.2	.1	67.0	.7	110.3	.04	.08	.09	54	2.56	.029	.7	11.0	.77	30.9	.010	<1	1.61	.018	.07	.3	2.0	.03	1.39	<5	.3	.13	6.1
410324	.50	148.77	1.14	39.8	199	4.3	8.9	461	6.39	3.0	.1	52.3	.4	68.4	.03	.10	.09	81	1.90	.007	.7	16.8	.67	30.9	.004	<1	1.56	.025	.09	.2	2.2	.03	.93	<5	.1	.23	7.1
410325	.58	171.66	1.23	47.6	141	4.6	10.8	460	6.81	2.3	.1	44.1	.5	68.6	.04	.11	.08	91	1.45	.011	.8	13.7	.65	26.8	.004	<1	1.58	.039	.06	.4	2.8	.02	.57	<5	.1	.20	8.5
410326	1.42	235.36	1.06	54.2	240	4.8	9.7	519	6.89	.7	.1	61.3	.7	69.4	.09	.09	.06	86	1.81	.017	.8	16.4	.68	28.4	.003	<1	1.54	.043	.05	.2	3.1	.02	.83	<5	.2	.33	9.0
410327	.92	263.35	1.16	47.5	418	4.5	12.7	538	6.67	3.7	.1	97.0	.7	55.2	.05	.09	.21	74	1.63	.021	.7	8.9	.75	31.3	.003	<1	1.63	.045	.07	.1	3.2	.03	1.22	<5	.3	.52	9.3
410328	1.08	814.35	1.58	39.0	612	3.8	12.7	427	6.30	6.4	.1	235.9	.5	50.9	.11	.13	.22	62	1.63	.017	.8	8.1	.62	29.3	.003	1	1.17	.035	.08	.5	2.7	.04	1.28	<5	.7	.37	6.5
410329	6.03	295.65	2.17	34.4	747	4.9	11.3	943	4.40	3.2	.1	225.6	.3	217.5	.27	.15	.31	33	3.71	.050	.8	3.2	.89	59.2	.002	<1	.50	.018	.17	77.3	1.8	.07	2.53	<5	.4	.67	1.8
410330 (rock)	.32	12.90	1.88	19.9	26	2.1	4.4	272	1.34	.7	.8	19.8	4.0	74.6	.05	.31	.02	29	.66	.058	7.5	4.1	.33	167.6	.062	<1	.60	.038	.08	.7	1.4	<.02	.06	<5	<.1	.03	2.7
410331	1.74	80.35	10.53	15.1	5507	7.7	11.2	1140	4.94	3.5	.1	2863.7	.4	264.3	.30	.47	2.10	5	3.66	.072	.5	2.4	1.36	41.6	.001	1	.29	.015	.17	81.4	2.6	.07	5.79	<5	.7	5.06	.7
410332	2.54	198.67	10.23	19.3	3455	7.4	9.8	933	3.39	2.1	.1	787.0	.4	100.4	.56	.29	.88	4	2.79	.057	.6	4.2	1.00	52.6	.001	2	.28	.014	.15	38.8	1.9	.07	3.37	<5	.7	2.54	.7
410333	17.57	1717.05	8.33	67.5	8135	16.6	9.9	991	4.69	.9	<.1	627.9	.2	154.5	1.71	.34	.65	12	4.60	.043	.5	5.2	1.39	45.0	.002	1	.46	.013	.17	27.3	2.8	.08	4.02	<5	.9	3.62	1.5
STANDARD DS7	20.37	104.63	69.77	407.2	869	54.9	9.5	617	2.37	51.1	5.2	86.3	4.8	70.5	6.81	6.19	4.74	85	.93	.078	13.5	166.8	1.04	381.1	.129	39	.98	.080	.45	3.9	2.6	4.15	.21	197	3.5	1.0[illegible]	[illegible]4

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILIT
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

BRITISH COLUMBIA CERTIFIED ASSAYER
Raymond Chan

10-30-06 [illegible]

Data ___ FA _____ DATE RECEIVED: SEP 18 2006 DATE REPORT MAILED:.................

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm
G-1	.13	4.38	2.83	43.3	18	3.7	4.2	543	1.83	.3	3.0	<.2	4.6	75.1	.01	.02	.07	37
410334	.69	2103.31	4.38	147.2	3628	17.2	14.2	997	6.05	.6	<.1	657.4	.2	156.3	.96	.38	.23	59
410335	.60	267.77	6.45	48.6	1092	143.8	17.6	2497	5.63	1.6	<.1	132.5	.2	127.0	.73	.24	.09	35
410336	.80	365.76	9.40	43.5	3279	21.8	14.5	1663	6.38	2.4	<.1	345.7	.2	123.9	.60	.95	.17	31
410337	1.40	785.69	2.97	65.3	1526	5.8	12.0	1034	5.87	1.6	<.1	295.7	.2	260.9	.60	.60	.12	78
410338	1.28	1425.67	1.60	69.8	1025	5.5	12.2	799	6.74	1.9	<.1	391.5	.3	118.2	.13	.28	.17	102
410339	1.26	1318.03	1.60	81.8	1025	6.2	13.5	939	7.19	.6	<.1	383.5	.3	252.5	.17	.34	.09	93
410340	1.85	953.80	1.66	75.8	1049	7.8	10.8	828	7.11	1.3	<.1	375.5	.3	98.0	.21	.28	.11	74
410341	7.33	361.12	2.71	65.2	865	6.2	13.2	1056	7.78	1.8	.1	366.9	.3	279.9	.21	.36	.12	74
410342	.56	110.89	2.14	44.9	118	2.2	6.6	1180	1.82	1.2	.3	26.1	.7	178.5	.14	.23	.05	5
RE 410342	.52	109.15	2.06	44.3	117	2.4	6.5	1143	1.79	.8	.3	24.5	.7	176.5	.14	.23	.04	5
RRE 410342	.64	114.26	2.11	44.0	130	2.6	7.1	1163	1.82	1.0	.2	27.2	.6	173.9	.11	.23	.05	4
410343	.72	223.70	2.65	48.3	233	3.1	9.0	1497	3.00	3.1	.2	60.0	.5	152.7	.24	.25	.09	11
410344	.65	553.51	2.76	56.6	643	4.5	9.0	1305	3.49	7.3	.1	198.0	.4	142.4	.42	.27	.08	23
410345	.61	1022.71	1.97	90.8	1432	5.6	13.6	1318	6.11	.7	<.1	356.4	.3	218.4	.52	.16	.07	62
410346	1.64	905.05	1.35	66.3	481	5.8	14.5	923	6.84	1.4	<.1	212.5	.4	203.8	.12	.12	.17	96
410347	.65	714.05	1.25	50.6	368	5.4	9.3	582	4.65	.5	<.1	152.5	.8	155.1	.11	.10	.08	49
410348	.44	1155.19	1.09	47.5	606	5.1	7.7	505	3.30	.3	.1	204.2	1.4	80.5	.16	.11	.05	35
410349	.57	1118.08	1.84	45.6	1779	5.5	7.4	394	3.58	.2	.1	168.8	1.3	87.9	.42	.10	.09	31
410350 (pulp)	9.26	4583.76	9.02	79.3	1072	10.3	8.8	774	5.27	6.6	.3	330.9	1.7	172.3	.32	6.79	1.22	42
410351	.82	2017.60	1.58	54.5	2569	6.1	9.8	492	4.60	1.2	<.1	335.1	1.0	84.0	.30	.12	.35	38
410352	1.87	668.93	1.85	64.3	339	6.1	12.0	829	5.60	.4	<.1	128.5	.5	104.1	.11	.11	.03	83
410353	.75	422.81	1.82	71.5	883	5.6	12.7	898	6.13	.7	<.1	106.9	.4	179.4	.30	.10	.17	76
STANDARD DS7	20.93	105.66	70.81	411.8	870	56.0	9.5	629	2.39	49.7	5.2	72.4	4.7	69.7	6.70	6.40	4.87	85

SAMPLE#	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.55	.076	7.4	12.9	.59	207.0	.130	1	1.13	.077	.47	<.1	2.3	.36	<.01	<5	<.1	<.02	4.7
410334	4.06	.042	.5	5.6	2.88	34.1	.004	1	2.49	.008	.10	.3	4.6	.05	2.40	<5	.9	.83	7.7
410335	8.31	.049	.7	90.1	3.64	42.4	.002	1	1.20	.010	.17	.3	6.8	.08	1.88	<5	.4	1.01	3.3
410336	3.81	.043	<.5	3.4	2.18	30.9	.002	<1	1.09	.015	.13	.4	3.5	.09	5.19	<5	.8	2.30	2.7
410337	2.36	.059	<.5	4.1	1.58	26.8	.003	1	1.75	.032	.11	.3	4.9	.07	2.44	<5	.6	.81	6.7
410338	2.39	.057	.5	4.2	1.51	25.7	.004	<1	2.29	.030	.08	.1	4.7	.04	1.22	<5	.9	.31	9.7
410339	2.92	.027	<.5	3.8	1.65	34.4	.003	<1	2.41	.022	.11	.4	4.6	.05	1.53	<5	.9	.38	9.1
410340	2.07	.044	.5	10.9	1.26	36.9	.002	<1	1.56	.029	.11	.2	3.2	.05	1.24	<5	.6	.60	6.4
410341	2.61	.026	<.5	4.9	1.28	57.4	.003	<1	1.22	.027	.12	.8	3.3	.06	2.97	<5	.6	1.11	5.5
410342	3.26	.065	2.2	2.3	.83	217.7	.002	<1	.52	.022	.18	.3	1.2	.07	.65	<5	.2	.05	1.1
RE 410342	3.17	.064	2.2	2.4	.82	211.9	.002	1	.50	.022	.18	.2	1.2	.07	.65	<5	.1	.05	1.0
RRE 410342	3.28	.065	1.8	2.7	.83	168.0	.002	1	.42	.023	.17	.3	1.2	.06	.72	<5	<.1	.07	1.0
410343	3.67	.062	1.7	2.1	.89	196.7	.003	<1	.50	.016	.20	.5	1.4	.07	.82	<5	.5	.06	1.1
410344	2.75	.068	1.4	2.9	1.11	132.2	.003	1	.88	.013	.21	.3	1.8	.08	1.11	<5	.4	.22	2.0
410345	3.31	.070	.5	2.7	1.50	39.6	.003	<1	1.51	.026	.14	.3	3.8	.06	1.29	<5	.7	.87	5.1
410346	3.04	.067	.9	5.1	1.41	36.6	.005	<1	2.26	.023	.09	.6	3.6	.04	2.09	<5	1.0	.34	8.9
410347	2.48	.059	1.0	5.9	1.04	36.8	.005	<1	2.03	.029	.09	.1	2.1	.03	1.35	<5	.8	.24	7.1
410348	2.22	.070	1.8	10.5	.91	39.6	.003	<1	1.70	.041	.08	<.1	2.1	.03	.86	<5	.9	.16	6.2
410349	2.05	.065	1.4	7.5	.86	40.9	.002	<1	1.35	.040	.12	<.1	1.7	.04	1.05	6	1.0	.76	4.7
410350 (pulp)	2.00	.076	4.1	18.1	.89	70.7	.016	3	.67	.048	.25	5.3	4.9	.11	1.66	939	7.4	.17	2.5
410351	2.30	.064	1.0	8.9	.93	42.8	.002	<1	1.37	.033	.12	.1	1.9	.06	1.87	5	2.1	.55	5.1
410352	2.75	.076	1.6	4.2	1.47	33.8	.005	<1	2.21	.039	.08	.2	4.0	.03	1.00	<5	.6	.10	9.1
410353	2.92	.072	.9	3.9	1.52	34.4	.003	<1	1.73	.033	.10	.1	4.3	.04	2.02	11	.2	.67	7.3
STANDARD DS7	.92	.079	13.3	175.5	1.05	377.1	.127	41	.97	.075	.44	4.0	2.7	4.26	.21	197	3.5	1.15	4.7

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606749 Page 1 (b)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gerry Bidwell

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.41	.1	.08	.56	43.2	.6	<.05	1.7	4.49	15.7	<.02	<1	.3	34.5	<10	<2	30	-
410302	.29	.1	.02	.03	3.7	.1	<.05	.6	2.11	3.4	.04	3	.1	19.8	21	2	30	5.1
410303	.44	<.1	.02	.02	4.4	.1	<.05	.6	2.13	2.9	.04	2	.2	17.2	20	2	30	5.2
410304	.40	<.1	.02	.03	2.4	.2	<.05	.5	1.88	2.5	.03	2	<.1	12.0	<10	<2	30	4.8
410305	.44	<.1	<.02	.05	4.4	.1	<.05	.5	1.48	2.0	.02	4	.1	17.6	14	2	30	4.8
410306	.32	.1	.02	.05	4.3	.2	<.05	.7	2.38	2.6	.06	<1	.1	19.2	14	<2	30	5.5
410307	.24	.1	.02	.03	2.8	.1	<.05	.7	2.70	3.4	.03	4	.1	21.9	26	2	30	5.0
410308	.25	.1	.04	.03	3.1	.1	<.05	.7	2.30	2.8	.05	3	.1	23.1	23	<2	30	5.3
410309	.19	.1	.03	.03	2.0	.1	<.05	.9	2.81	3.0	.03	3	.1	21.6	23	2	30	5.4
410310 (pulp)	.58	.1	.02	.13	7.4	1.2	<.05	.9	3.96	6.0	.15	7	.3	.8	<10	2	30	-
410311	.16	<.1	.03	.04	1.5	.1	<.05	.7	2.04	2.0	<.02	3	<.1	21.9	21	2	30	5.0
410312	.21	.1	.02	.04	2.2	.1	<.05	.6	2.46	2.6	.02	4	<.1	23.3	36	3	30	5.1
410313	.22	.1	.03	.03	2.2	.2	<.05	.7	2.68	2.9	.02	1	.1	24.6	43	3	30	4.9
410314	.27	.1	.03	.02	4.2	.1	<.05	1.0	1.68	1.7	.03	<1	.1	14.0	40	5	30	4.4
410315	.42	<.1	.04	.02	4.8	.1	<.05	1.0	2.24	1.2	.02	1	.1	3.6	34	4	30	4.6
410316	.38	.1	.02	.03	4.4	.1	<.05	.6	1.24	1.4	.03	<1	.1	16.6	36	9	30	4.0
410317	.44	.1	.02	.04	5.8	.1	<.05	.8	1.46	1.3	.02	2	.1	16.1	15	3	30	4.7
RE 410317	.44	.1	.02	.03	5.5	.2	<.05	.7	1.48	1.3	.04	3	.1	16.6	16	4	30	-
RRE 410317	.43	.1	.03	.03	5.7	.1	<.05	.7	1.40	1.3	.03	2	.1	16.1	15	3	30	-
410318	.37	.1	.06	.03	5.6	.1	<.05	1.2	1.50	.9	.04	2	.1	8.2	27	3	30	5.1
410319	.36	.1	.03	.03	5.3	.1	<.05	.9	.77	.6	.04	1	.1	4.5	48	36	30	5.0
410320	.26	<.1	.06	.03	4.1	.1	<.05	.6	1.17	1.6	.06	5	.1	10.1	34	31	30	5.0
410321	.43	<.1	.03	.03	4.8	.2	<.05	1.0	1.96	1.9	.07	5	.1	12.6	11	6	30	5.2
410322	.27	<.1	.02	.04	2.9	.2	<.05	.5	1.95	3.5	.02	1	.2	31.0	<10	4	30	4.7
410323	.31	.1	<.02	.03	2.8	.1	<.05	.4	.92	1.6	.02	<1	.1	24.2	19	20	30	4.9
410324	.36	.1	.03	.03	3.1	.1	<.05	.5	.52	1.1	.02	<1	.2	25.8	29	35	30	4.9
410325	.32	.1	.02	.03	2.4	.2	<.05	.6	.61	1.4	.04	<1	.1	29.6	44	28	30	4.4
410326	.24	<.1	.03	.03	2.0	.2	<.05	.7	1.02	1.5	.04	3	<.1	26.3	72	25	30	5.0
410327	.25	<.1	.03	.03	2.8	.1	<.05	.9	.90	1.4	.06	1	.1	29.4	49	25	30	4.3
410328	.34	.1	.04	.04	3.6	.3	<.05	.9	1.40	1.4	.13	4	.1	17.4	57	25	30	4.6
410329	.73	<.1	.03	.02	7.1	.1	<.05	1.1	2.21	1.8	.04	4	.3	3.7	12	10	30	5.2
410330 (rock)	.33	<.1	.18	.22	2.9	.3	<.05	2.7	3.93	13.2	<.02	<1	.1	3.2	<10	<2	30	.5
410331	.82	<.1	.05	.03	7.1	.2	<.05	1.9	2.50	1.4	.03	2	.2	.4	15	4	30	5.0
410332	1.12	<.1	.03	.02	6.7	.4	<.05	3.0	2.38	1.6	.07	3	.3	.4	<10	4	30	5.3
410333	.76	<.1	<.02	.02	8.0	.4	<.05	.8	3.43	1.3	.24	19	.1	4.3	43	21	30	4.6
STANDARD DS7	6.23	.1	.11	.69	35.0	5.3	<.05	5.4	5.46	39.8	1.62	4	1.6	29.0	59	38	30	-

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

10-30-06 ...:40 OUT

Data FA ____ DATE RECEIVED: SEP 18 2006 DATE REPORT MAILED:..................

BRITISH COLUMBIA CERTIFIED ASSAYER Raymond Chan

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A606749 Page 2 (b)

ACME ANALYTICAL

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.24	.1	.10	.38	40.7	.5	<.05	1.4	4.75	15.6	.02	1	.3	32.7	<10	<2	30	-
410334	.44	.1	<.02	.02	4.3	.3	<.05	.6	2.84	1.4	.13	2	.2	44.7	58	20	30	4.6
410335	.52	.1	<.02	.02	8.0	.1	<.05	.4	4.13	2.0	.08	2	.1	16.3	24	6	30	4.9
410336	.52	.1	<.02	.04	6.3	.2	<.05	.4	3.24	1.1	.11	4	.2	11.5	34	<2	30	5.2
410337	.38	<.1	<.02	.02	5.7	.3	<.05	.4	2.19	1.1	.09	5	.1	26.6	47	3	30	5.1
410338	.34	.1	<.02	.04	3.2	.1	<.05	.2	2.01	1.4	.09	8	.1	34.7	56	6	30	5.2
410339	.38	.1	<.02	.03	4.0	.1	<.05	.4	1.68	1.0	.05	7	.1	36.4	95	6	30	4.2
410340	.44	<.1	<.02	.03	4.4	.1	<.05	.5	2.40	1.2	.03	5	.2	20.8	109	7	30	4.9
410341	.39	<.1	.02	.03	5.5	.2	<.05	.8	1.82	1.0	.04	6	.1	16.0	92	19	30	4.8
410342	.59	<.1	.04	.02	6.9	.1	<.05	1.8	2.89	5.0	<.02	<1	.1	1.7	<10	<2	30	4.6
RE 410342	.58	<.1	.05	.03	6.5	.1	<.05	1.7	2.67	4.8	<.02	<1	.1	1.8	<10	<2	30	-
RRE 410342	.57	<.1	.04	.02	6.4	.1	<.05	1.7	2.71	4.1	.02	1	<.1	1.9	<10	<2	30	-
410343	.57	<.1	.04	.03	7.4	.1	<.05	1.3	2.56	3.8	.02	1	.1	1.3	17	<2	30	4.8
410344	.59	<.1	.06	.02	8.4	.1	<.05	1.8	2.75	3.2	.03	3	.2	7.5	36	2	30	5.3
410345	.38	<.1	<.02	.03	6.0	.1	<.05	.3	2.97	1.5	.04	3	.1	20.4	70	4	30	4.8
410346	.39	<.1	<.02	.02	3.1	.1	<.05	.3	2.39	2.4	.03	7	<.1	33.3	63	7	30	4.9
410347	.33	.1	<.02	.02	3.0	.1	<.05	.2	1.97	2.2	.02	5	.1	25.8	50	3	30	4.8
410348	.25	<.1	<.02	<.02	2.6	.1	<.05	.6	2.27	4.2	.03	1	.1	21.4	39	4	30	4.8
410349	.27	<.1	<.02	<.02	4.6	.1	<.05	.5	2.32	3.3	.04	3	.2	14.5	42	4	30	5.0
410350 (pulp)	.53	<.1	.06	.10	6.8	3.0	<.05	2.3	6.61	9.4	.17	35	.3	1.8	<10	<2	30	-
410351	.31	<.1	<.02	<.02	4.6	.1	<.05	.4	2.15	2.3	.14	2	.2	14.3	43	3	30	5.0
410352	.28	<.1	<.02	.02	3.1	.1	<.05	.3	3.32	4.1	.04	7	.1	27.7	40	5	30	4.8
410353	.31	.1	<.02	.03	4.1	.1	<.05	.4	3.61	2.6	.03	4	.2	19.0	18	<2	30	4.9
STANDARD DS7	6.34	.1	.11	.69	36.1	5.4	<.05	5.6	5.43	39.1	1.67	3	1.8	29.5	61	40	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
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GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606865 Page 1 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
G-1	.20	4.95	15.89	52.7	41	3.8	4.2	547	1.85	.3	2.6	.4	4.1	70.2	.15	.14	.08	35	.51	.074	7.2	11.7	.59	203.9	.114	1	1.09	.086	.51	.3	2.1	.34	<.01	57	<.1	<.02	4.9
410354	.90	481.40	1.79	60.2	353	4.4	12.7	756	4.86	.8	.1	76.8	.5	141.4	.10	.11	.04	73	3.19	.084	2.1	3.6	1.47	37.8	.005	<1	2.00	.043	.10	<.1	4.4	.06	1.21	6	.4	.06	8.1
410355	.66	367.31	2.06	48.6	298	4.9	13.2	548	5.21	.9	.1	104.5	.6	92.4	.10	.12	.07	81	2.72	.086	2.3	4.9	1.50	34.4	.007	<1	2.18	.046	.11	.2	4.2	.04	1.20	<5	.2	.23	9.1
410356	.74	3248.29	4.40	51.2	3528	4.8	12.3	519	5.19	.6	.1	341.5	.5	137.5	.75	.23	.36	57	3.40	.076	2.2	2.6	1.42	45.7	.004	<1	1.98	.032	.13	.1	3.1	.04	2.76	16	4.4	1.27	7.6
410357	1.02	5853.72	2.19	49.2	5805	6.5	10.2	444	4.36	<.1	.1	435.2	.6	141.9	.80	.18	.41	58	2.84	.060	1.7	7.8	1.32	40.5	.004	<1	1.76	.043	.10	<.1	3.7	.03	2.40	5	7.3	.36	6.9
410358	2.73	>10000	2.72	37.0	11189	4.5	12.5	436	4.16	.3	<.1	516.2	.4	275.3	1.63	.36	1.11	35	4.58	.058	.9	3.2	.72	33.6	.003	<1	.84	.041	.06	<.1	3.8	.02	5.13	12	11.1	.65	3.9
410359	.87	1171.08	1.47	81.5	819	6.6	17.2	988	7.58	1.1	<.1	159.1	.5	81.7	.13	.15	.13	95	2.00	.087	1.2	3.7	1.91	37.8	.058	<1	2.65	.044	.10	.2	3.8	.02	1.13	7	1.3	.16	10.5
410360	1.00	1859.82	1.98	77.1	1008	5.1	13.8	1058	5.08	1.0	.1	259.6	.5	121.9	.15	.20	.07	72	2.79	.092	1.1	3.8	1.44	34.8	.070	<1	2.11	.043	.10	.3	3.2	.03	1.50	<5	1.3	.09	8.0
410361	.63	828.97	1.89	75.4	709	4.8	14.2	879	5.08	1.0	.1	204.1	.4	92.7	.10	.16	.10	82	2.86	.081	1.3	3.9	1.42	31.8	.067	<1	1.98	.048	.09	.9	2.8	.02	1.19	<5	.5	.14	7.5
410362	.56	1010.21	2.19	70.5	590	6.4	14.9	725	5.59	.9	.1	184.8	.6	60.3	.10	.13	.07	81	2.60	.094	1.9	8.7	1.48	52.4	.049	<1	2.09	.048	.16	3.3	2.9	.04	.62	<5	.5	.13	7.5
410363	15.18	750.37	1.34	55.3	427	8.4	10.0	474	4.95	1.0	.1	115.0	.9	50.5	.07	.10	.04	59	1.58	.069	1.1	20.5	1.15	55.8	.069	<1	1.66	.046	.13	.4	1.6	.03	.96	<5	.9	.23	6.2
410364	89.12	456.26	1.46	45.6	286	8.5	8.9	436	4.91	.8	.1	47.1	1.0	61.7	<.01	.10	.04	59	1.40	.070	1.2	19.2	1.13	59.8	.067	<1	1.56	.049	.15	.3	1.6	.15	.72	<5	1.0	.14	6.1
410365	1.65	620.68	1.15	59.9	367	10.5	13.8	556	8.69	1.7	.1	52.6	.5	57.2	.06	.07	.05	96	1.77	.066	.9	35.4	1.41	49.6	.083	<1	1.74	.043	.12	.3	2.5	.06	1.26	<5	.6	.07	9.5
410366	1.85	826.96	1.50	66.1	480	5.9	12.6	738	4.87	1.2	.1	74.6	.5	57.6	.10	.11	.11	59	2.05	.077	1.5	8.7	1.69	63.4	.094	<1	2.25	.039	.20	.6	2.6	.06	1.10	<5	.9	.23	6.9
410367	.92	364.40	1.66	65.8	307	11.1	10.2	809	6.15	1.1	.1	23.9	.4	134.1	.05	.15	.06	80	3.32	.076	1.9	32.8	1.81	54.6	.051	<1	2.16	.038	.15	4.5	3.8	.05	1.83	<5	.3	.06	11.0
410368	5.02	175.29	.93	80.1	204	11.5	11.6	817	7.13	1.2	<.1	15.1	.4	90.6	.03	.08	.03	89	1.72	.080	.9	37.7	2.11	67.0	.087	<1	2.34	.046	.14	.4	3.7	.05	1.02	<5	.1	.04	10.4
410369	.85	1020.65	1.04	69.2	415	8.7	9.4	949	5.39	1.2	<.1	86.4	.4	78.6	.10	.13	.07	59	3.84	.073	.8	29.2	1.81	53.6	.068	1	2.10	.030	.18	.5	2.6	.06	1.90	<5	.7	.11	8.8
410370 (rock)	.60	20.51	4.47	17.4	39	1.9	4.6	291	1.61	.7	.9	8.3	3.7	106.5	.02	.10	<.02	34	1.02	.058	8.1	4.1	.37	252.2	.082	<1	.82	.061	.11	<.1	1.4	.02	.06	<5	<.1	.04	3.6
410371	.91	1107.81	1.19	77.7	508	8.8	13.3	809	5.44	1.0	<.1	100.1	.3	42.6	.08	.11	.03	67	1.72	.066	.6	17.4	1.85	32.5	.112	<1	2.16	.045	.11	1.0	2.3	.03	.91	<5	.9	.09	7.9
410372	9.55	1049.70	2.20	68.2	627	9.6	27.6	627	8.22	2.6	<.1	84.1	.3	51.2	.09	.20	.38	58	1.42	.061	.5	26.5	1.72	43.7	.093	<1	2.01	.039	.13	96.3	2.0	.04	4.77	11	4.2	.41	7.6
410373	1.02	429.70	1.32	74.0	193	10.0	14.5	719	6.07	1.9	<.1	38.6	.3	45.6	.05	.19	.08	72	1.29	.069	.5	32.3	1.85	66.1	.127	<1	2.20	.045	.27	1.4	2.3	.10	1.10	<5	.6	.23	8.2
410374	1.18	318.63	1.06	78.6	175	9.0	14.1	803	6.20	1.0	<.1	41.6	.4	63.6	.05	.17	.03	85	1.78	.072	.7	24.5	2.15	63.1	.123	<1	2.35	.050	.26	1.6	3.9	.09	.74	<5	.4	.12	10.2
410375	.95	372.28	1.46	77.9	288	7.5	13.8	804	6.52	1.2	<.1	49.4	.4	56.2	.23	.26	.06	77	2.57	.061	.8	21.8	1.68	61.0	.087	1	1.93	.043	.27	12.0	3.5	.09	1.13	7	.7	.17	8.8
410376	.64	686.63	.94	82.8	361	9.8	16.9	754	7.74	1.2	<.1	76.7	.3	42.4	.10	.12	.02	98	1.25	.052	.5	18.7	1.84	61.1	.121	1	2.17	.044	.25	9.1	2.3	.09	.62	<5	.4	.14	9.8
RE 410376	.68	702.80	.98	89.2	356	10.3	16.8	762	7.93	1.2	<.1	82.0	.3	42.6	.08	.13	.02	99	1.27	.053	.5	20.2	1.89	60.7	.122	<1	2.20	.045	.24	10.1	2.2	.09	.63	<5	.6	.14	9.8
RRE 410376	.69	625.99	1.17	87.0	341	10.5	16.9	774	8.16	1.3	<.1	85.8	.3	41.6	.09	.13	.02	101	1.30	.055	.5	20.0	1.88	58.6	.116	<1	2.16	.044	.25	13.1	1.9	.09	.63	<5	.5	.14	10.1
410377	.59	914.82	2.60	83.3	508	11.7	17.7	702	7.88	.8	<.1	122.1	.3	32.6	.15	.11	.02	107	.87	.046	.5	34.6	1.94	82.6	.138	<1	2.18	.051	.42	8.6	2.5	.14	.36	<5	.5	.10	10.1
410378	.99	624.04	.98	74.4	389	11.2	18.3	688	8.46	2.5	<.1	123.9	.3	33.9	.06	.11	.13	104	1.36	.037	<.5	38.5	1.85	59.2	.124	<1	2.09	.051	.27	1.2	2.7	.09	1.37	5	.9	.26	10.7
410379	2.52	306.51	1.04	51.0	168	15.1	11.8	553	6.37	.8	<.1	47.4	.3	94.6	.05	.10	.03	82	2.53	.022	.5	31.4	1.34	57.3	.102	1	1.62	.034	.22	1.2	1.8	.08	1.72	<5	.4	.12	6.4
410380	1.05	652.56	1.43	43.9	362	5.3	12.8	383	5.51	2.8	<.1	113.4	.5	44.6	.06	.11	.10	42	1.57	.013	.5	6.9	.95	44.2	.056	<1	1.40	.036	.19	.3	.9	.20	1.93	14	1.0	.23	5.1
410381	.61	252.40	1.02	42.8	147	5.6	8.8	383	4.68	1.0	.1	49.2	.6	57.3	.03	.09	.06	40	1.53	.017	.6	8.0	1.06	62.8	.069	1	1.56	.040	.26	.4	1.0	.11	1.34	11	.5	.17	5.5
410382	2.18	365.21	1.83	80.2	238	12.6	18.9	736	6.72	6.9	.1	82.9	.4	69.9	.05	.12	.11	83	2.13	.042	.8	27.1	1.93	126.2	.150	1	2.32	.035	.65	.6	2.9	.26	1.28	6	.5	.28	9.1
410383	.51	1927.18	1.34	53.4	877	8.0	12.0	416	6.82	1.8	.1	416.6	.5	62.2	.17	.14	.10	75	1.20	.035	1.1	12.9	.95	43.2	.048	1	1.36	.047	.16	.4	2.2	.06	1.06	9	1.6	.35	7.0
410384	.41	2113.91	1.14	60.9	944	7.6	10.3	456	6.70	1.4	.1	391.4	.6	37.5	.21	.10	.10	69	1.18	.035	.8	16.8	.90	41.6	.061	1	1.31	.049	.17	.3	1.7	.05	.63	8	1.2	.37	6.4
410385	.54	4281.99	1.25	58.6	2240	7.6	11.2	532	7.43	.8	.1	691.2	.5	44.6	.52	.17	.17	78	2.22	.031	.8	15.8	.84	44.7	.040	1	1.10	.036	.16	.4	1.8	.06	1.57	20	2.2	.80	6.6
STANDARD DS7	20.59	108.21	69.29	417.6	903	54.9	9.2	634	2.43	51.7	5.0	98.0	4.6	72.5	6.55	6.09	4.58	84	.95	.079	13.1	173.7	1.07	379.0	.122	40	1.00	.077	.44	3.9	2.7	4.31	.21	195	3.6	1.03	5.1

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA _____ DATE RECEIVED: SEP 20 2006 DATE REPORT MAILED: 11-03-06 P04:24 OUT

BRITISH COLUMBIA CERTIFIED ASSAYER
Raymond Chan

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606865R

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Cu %
410358	1.579
STANDARD SF-3	.770

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: CORE PULP

Data___ FA ____ DATE RECEIVED: NOV 9 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER
Raymond Chan

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm
G-1	.23	7.25	13.25	60.8	49	3.8	3.9	545	1.88	.4	2.6	<.2	3.8	63.0	.18	.28	.08
410386	.43	1401.79	1.05	64.6	952	7.7	10.3	615	6.34	1.4	.1	353.1	.6	39.6	.23	.12	.12
410387	.27	1069.01	1.28	65.4	725	14.8	10.6	628	4.40	1.1	.1	262.2	.6	67.1	.19	.08	.07
410388	.07	41.87	1.82	56.6	46	26.4	12.7	747	2.76	.9	.2	22.7	.6	129.2	.05	.08	.03
410389	.08	34.25	2.45	54.7	75	27.1	12.8	717	2.89	1.0	.1	7.3	.6	117.8	.06	.08	.02
410390 (pulp)	8.23	9926.86	18.28	86.9	2902	264.7	12.7	885	7.04	6.3	.1	858.9	1.1	84.0	.40	10.18	.68
410391	.07	31.43	1.96	55.6	36	26.7	12.6	764	2.58	.5	.1	5.6	.5	109.7	.07	.05	.02
410392	.08	29.23	1.88	51.5	31	25.6	12.4	810	2.44	.3	.1	3.5	.5	111.6	.09	.04	<.02
410393	.53	28.62	173.69	81.4	1077	29.2	13.7	736	2.97	15.0	.2	6.0	.7	123.1	.17	1.24	.04
RE 410393	.38	28.47	168.87	82.2	1099	29.2	13.3	711	2.91	14.7	.2	6.6	.6	119.4	.18	1.19	.04
RRE 410393	.24	26.99	132.64	68.7	914	27.5	13.6	682	2.83	14.4	.2	6.7	.6	116.2	.16	.71	.02
410394	.92	1701.84	1.63	54.7	938	18.5	14.2	484	4.13	1.0	.1	369.9	.4	91.2	.17	.07	.18
410395	.48	3475.35	27.82	54.1	1657	11.3	11.2	436	6.09	2.1	<.1	964.5	.4	31.7	.24	.20	.20
410396	.35	2759.00	.88	47.9	1090	7.8	9.5	360	4.78	<.1	.1	609.3	.7	38.7	.18	.07	.11
410397	.75	4729.35	15.51	52.7	2004	8.4	12.9	295	5.06	1.7	<.1	1307.6	.5	41.0	.37	.14	.25
STANDARD DS7	19.77	104.53	65.94	401.6	833	53.2	9.5	606	2.35	49.5	4.7	66.5	4.3	67.5	6.30	5.67	4.38

SAMPLE#	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	36	.52	.075	7.6	10.9	.59	193.8	.114	1	1.01	.084	.49	.3	2.1	.31	.01	105	<.1	<.02	4.4
410386	67	1.96	.042	.8	16.4	1.00	46.5	.050	1	1.21	.043	.17	1.3	1.3	.07	1.04	23	1.0	.48	6.0
410387	58	1.69	.075	1.6	27.1	1.22	88.8	.096	1	1.49	.048	.28	.4	1.5	.10	.42	<5	.9	.29	5.7
410388	58	2.18	.111	3.4	44.0	1.53	284.6	.139	1	1.84	.057	.57	.3	2.1	.19	.17	<5	.1	.07	6.8
410389	71	1.86	.114	3.3	47.6	1.61	456.7	.171	<1	1.88	.067	.93	.2	2.5	.28	.14	5	.1	<.02	6.7
410390 (pulp)	44	2.07	.057	3.0	321.4	.96	90.8	.004	3	.47	.046	.32	.8	4.5	.12	1.21	1395	10.8	.29	1.9
410391	44	2.99	.125	3.4	34.0	1.43	239.1	.141	1	1.75	.037	.74	.2	2.0	.29	.09	<5	.1	<.02	5.4
410392	39	3.57	.116	3.5	33.6	1.36	216.0	.096	1	1.64	.029	.71	.2	2.2	.29	.09	<5	.1	<.02	5.0
410393	69	1.81	.121	4.0	50.5	1.68	390.6	.156	1	1.94	.051	.73	.2	2.2	.28	.13	<5	.2	.02	7.6
RE 410393	68	1.78	.123	3.8	51.8	1.65	382.0	.153	1	1.90	.052	.71	.2	2.2	.27	.12	7	.2	.02	7.8
RRE 410393	65	1.77	.114	3.5	48.4	1.57	365.8	.147	<1	1.83	.052	.66	.2	2.3	.26	.12	<5	.1	<.02	7.1
410394	52	1.70	.082	1.5	34.7	1.30	103.1	.101	<1	1.49	.039	.38	.2	1.5	.13	1.46	11	1.6	.31	5.6
410395	72	.80	.048	.6	36.2	1.32	30.2	.053	1	1.61	.043	.08	.1	1.7	.03	.67	11	2.3	.44	7.2
410396	57	.78	.049	.8	16.9	.96	32.1	.050	<1	1.29	.062	.07	.1	1.1	.02	.44	14	2.0	.40	5.7
410397	57	.89	.027	.5	19.2	.80	37.9	.047	<1	1.06	.046	.08	<.1	1.1	.02	1.34	20	3.8	.73	5.1
STANDARD DS7	81	.90	.081	13.1	163.9	1.03	354.5	.115	39	.94	.076	.45	3.8	2.6	4.12	.20	196	3.4	1.01	4.5

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606865 Page 1 (b)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tom Marshall

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.19	.1	.11	.46	40.9	.6	<.05	1.3	4.45	15.4	.02	<1	.2	33.3	<10	<2	30	-
410354	.36	<.1	<.02	.02	3.6	.1	<.05	.3	3.92	5.1	.03	4	.1	23.6	12	2	30	4.40
410355	.31	<.1	.02	.02	4.1	.1	<.05	.4	4.76	6.1	<.02	1	.1	24.8	21	2	30	4.70
410356	.36	.1	<.02	.02	4.7	.2	<.05	.6	3.16	5.2	.12	8	.1	20.8	25	3	30	4.70
410357	.23	.1	<.02	.02	3.1	.2	<.05	.5	2.53	3.9	.19	8	.1	17.8	36	5	30	4.70
410358	.17	<.1	.02	.03	2.1	.3	<.05	.3	2.81	2.3	.26	21	.1	8.6	24	4	30	4.10
410359	.37	.1	<.02	.04	3.3	.3	<.05	.4	4.50	3.2	.06	6	.1	25.8	15	5	30	5.50
410360	.34	.1	.02	.04	3.1	.2	<.05	.3	4.55	2.7	.02	7	.1	19.1	26	2	30	4.90
410361	.32	<.1	<.02	.05	3.1	.2	<.05	.4	4.36	3.3	.04	2	.1	19.4	17	2	30	4.80
410362	.37	.1	<.02	.03	4.8	.9	<.05	.5	4.46	4.5	.04	5	.1	18.5	17	<2	30	4.50
410363	.42	<.1	.02	.05	3.8	.3	<.05	.8	2.92	2.8	.02	18	.1	13.0	45	5	30	4.70
410364	.44	<.1	.02	.05	4.2	.3	<.05	.4	3.05	2.9	.03	160	.1	10.9	<10	2	30	4.50
410365	.36	<.1	.02	.04	3.5	.3	<.05	.5	3.51	2.4	.04	4	.1	13.0	<10	2	30	5.30
410366	.64	.1	.02	.06	5.8	.4	<.05	.4	4.56	3.6	.03	9	.1	16.6	25	3	30	4.70
410367	1.32	<.1	.02	.03	6.4	.4	<.05	.7	4.72	4.3	.06	2	.2	21.3	30	3	30	4.80
410368	.55	.1	<.02	.07	4.9	.3	<.05	.3	3.59	2.1	.02	7	.1	20.8	<10	2	30	4.80
410369	.69	<.1	.02	.06	5.9	.3	<.05	.9	3.24	1.9	.07	5	.1	17.5	<10	3	30	4.70
410370 (rock)	.33	.1	.18	.17	3.8	.4	<.05	2.6	4.46	15.2	<.02	1	.3	3.7	<10	<2	30	.30
410371	.31	.1	<.02	.08	3.9	.3	<.05	.5	2.66	1.5	.03	2	.1	16.1	12	3	30	4.80
410372	.31	.1	.02	.10	4.2	.4	<.05	.3	2.03	1.2	.02	13	.1	13.7	34	5	30	4.90
410373	.77	.1	<.02	.07	10.3	.3	<.05	.5	2.22	1.4	<.02	3	<.1	13.0	29	4	30	4.60
410374	.92	.1	<.02	.05	9.5	.3	<.05	.3	3.15	1.8	<.02	3	.2	14.7	18	2	30	5.10
410375	.86	.1	<.02	.04	10.2	.2	<.05	.4	3.31	2.0	.02	3	<.1	11.2	23	3	30	4.20
410376	.60	.1	<.02	.05	9.2	.2	<.05	.2	2.05	1.3	<.02	5	.2	12.1	32	6	30	4.90
RE 410376	.59	.1	<.02	.04	9.0	.2	<.05	.3	2.10	1.3	<.02	7	.1	11.8	25	5	30	-
RRE 410376	.57	<.1	.02	.04	9.1	.2	<.05	.4	1.96	1.3	<.02	5	.1	12.5	30	8	30	-
410377	1.05	.1	.02	.05	14.9	.5	<.05	.3	1.98	1.3	<.02	4	.1	11.9	27	8	30	3.90
410378	.63	.1	.02	.05	10.0	.5	<.05	.7	1.60	1.0	.02	3	.1	10.9	31	6	30	5.10
410379	.47	<.1	.03	.04	8.5	.6	<.05	.5	.84	1.0	<.02	6	.1	8.0	27	9	30	4.50
410380	.36	<.1	.02	.03	5.8	.2	<.05	.6	.54	.8	<.02	3	.2	7.1	26	17	30	4.40
410381	.65	<.1	.02	.04	8.6	.1	<.05	.5	.82	1.2	<.02	2	.1	7.6	19	8	30	5.10
410382	1.72	<.1	.03	.03	24.3	.3	<.05	.6	1.72	1.7	.03	6	.2	13.2	33	5	30	5.80
410383	.41	.1	.02	.03	5.2	.6	<.05	.6	2.04	2.3	.04	3	.1	8.1	68	7	30	5.10
410384	.30	<.1	<.02	.03	5.0	.3	<.05	.9	1.79	1.8	.04	3	.1	7.1	62	6	30	5.00
410385	.37	.1	.02	.03	4.9	.5	<.05	.6	1.94	1.9	.08	3	.1	6.4	102	13	30	4.80
STANDARD DS7	6.35	.2	.12	.71	35.9	5.3	<.05	5.6	5.31	38.2	1.57	4	1.7	29.5	55	40	30	-

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILI
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

11-03-06 P04:24 OUT

Data FA ____ DATE RECEIVED: SEP 20 2006 DATE REPORT MAILED:................

BRITISH COLUMBIA CERTIFIED ASSAYER Raymond Chan

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A606865 Page 2 (b)

ACME ANALYTICAL

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.07	.1	.10	.41	38.2	.5	<.05	1.2	4.51	14.8	.02	<1	.3	31.2	<10	<2	30	-
410386	.49	<.1	.02	.03	6.0	.7	<.05	.9	1.85	1.8	.03	1	.2	7.2	64	7	30	5.3
410387	.56	<.1	.04	.08	10.1	.5	<.05	1.0	2.53	3.4	.02	<1	.2	8.8	74	8	30	4.9
410388	1.29	<.1	.06	.12	20.5	.7	<.05	1.7	3.67	7.5	<.02	<1	.2	12.7	<10	<2	30	4.9
410389	1.68	.1	.08	.12	25.7	.6	<.05	2.0	3.28	7.2	<.02	<1	.4	13.3	<10	<2	30	4.6
410390 (pulp)	.60	.1	.02	.11	8.4	1.2	<.05	.9	4.36	5.8	.14	9	.3	.8	<10	2	30	-
410391	1.86	<.1	.05	.11	32.5	.4	<.05	3.1	3.27	6.9	<.02	2	.3	12.5	<10	<2	30	5.0
410392	1.85	<.1	.04	.08	31.7	.2	<.05	1.6	3.58	7.3	<.02	1	.4	12.0	<10	<2	30	5.1
410393	1.93	.1	.06	.09	30.2	1.3	<.05	1.8	3.80	8.2	.02	<1	.4	13.7	<10	<2	30	4.0
RE 410393	1.95	.1	.05	.08	29.6	1.4	<.05	1.8	3.76	8.0	.02	<1	.3	14.1	<10	<2	30	-
RRE 410393	1.83	.1	.07	.11	27.6	1.4	<.05	1.5	3.55	7.5	.02	<1	.3	12.6	<10	<2	30	-
410394	.77	<.1	.03	.10	13.5	.3	<.05	1.0	2.36	3.3	.02	1	.3	9.3	30	7	30	5.2
410395	.19	<.1	<.02	.04	2.5	.4	<.05	.4	2.24	1.3	.05	3	<.1	10.4	40	8	30	4.7
410396	.13	<.1	.02	.05	2.0	.2	<.05	.4	1.93	1.7	.03	<1	.1	7.6	50	14	30	5.4
410397	.16	<.1	<.02	.04	2.6	.3	<.05	.3	1.18	.9	.07	1	.1	6.1	113	15	30	4.4
STANDARD DS7	6.28	.1	.12	.69	34.7	5.2	<.05	5.5	5.16	37.1	1.58	4	1.7	28.8	68	38	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606442 Page 1 (a)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tony Worth

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.22	13.08	3.17	44.9	17	12.5	5.2	559	2.08	<.1	3.0	<.2	4.4	86.0	.01	.03	.10	38	.59	.080	8.7	14.0	.70	226.1	.138	2	1.37	.108	.56	<.1	2.4	.36	<.01	<5	<.1	.02	5.4
410398	.54	3222.69	.87	54.9	1513	10.8	11.7	400	5.34	.5	<.1	858.2	.5	36.2	.33	.11	.16	65	.84	.041	.6	24.2	1.05	51.6	.066	2	1.68	.061	.17	.1	1.5	.06	.60	16	2.0	.57	5.8
410399	.34	2709.80	.96	65.0	1324	13.6	15.9	562	7.30	.4	<.1	889.0	.2	37.8	.25	.08	.15	97	1.11	.040	.8	41.9	1.42	29.3	.066	1	1.93	.052	.09	.1	2.3	.03	.43	10	1.5	.49	8.1
410400	3.24	1392.50	.93	39.9	999	8.5	10.9	353	5.74	.8	<.1	371.9	.4	44.9	.19	.09	.14	73	1.14	.019	.8	19.3	.85	52.3	.037	1	1.40	.054	.14	.1	1.5	.04	.89	10	1.2	.63	5.5
410401	.27	2384.28	1.07	42.2	982	14.5	11.2	359	5.43	.3	<.1	642.6	.7	56.4	.15	.15	.15	68	1.03	.036	1.3	23.3	.98	35.6	.038	1	1.58	.055	.09	.2	2.0	.02	.39	<5	1.3	.16	6.6
410402	1.15	1645.16	1.02	41.8	698	7.6	9.5	366	5.18	.2	<.1	340.2	.8	59.9	.10	.10	.08	71	1.39	.029	1.2	19.1	1.03	38.4	.039	1	1.73	.058	.08	.2	1.8	.02	.64	<5	.9	.15	7.0
410403	14.00	1635.62	.95	41.8	751	8.8	9.2	346	5.00	.1	.1	430.2	.8	82.8	.05	.10	.09	77	1.75	.039	1.4	23.8	1.04	51.9	.031	1	1.75	.062	.09	.2	2.3	.02	.75	7	1.1	.21	7.5
410404	1.40	1759.51	.79	37.3	1023	7.9	10.9	375	5.64	.8	<.1	525.1	.6	41.4	.11	.10	.13	64	1.39	.017	.5	16.4	.83	42.3	.033	1	1.50	.042	.10	.1	1.3	.02	1.69	13	1.8	.46	6.3
410405	1.40	1471.77	.87	38.6	808	7.5	10.3	377	6.05	1.3	<.1	338.8	.5	46.1	.11	.08	.10	74	1.78	.024	.6	16.6	.87	37.8	.038	1	1.46	.043	.10	.1	1.3	.02	1.42	9	1.1	.38	6.6
410406	14.21	1914.36	.77	42.3	1079	7.5	9.8	330	6.12	.8	<.1	522.7	.5	42.3	.15	.10	.10	78	1.24	.020	.6	18.2	.78	44.9	.059	1	1.39	.065	.11	.2	1.3	.02	1.29	9	1.4	.52	6.0
410407	.82	2741.06	.81	49.8	1509	8.3	10.2	401	5.42	<.1	<.1	779.6	.6	50.8	.26	.11	.10	64	1.48	.022	.5	20.6	.88	61.6	.065	1	1.57	.056	.17	.2	1.2	.04	.94	13	1.9	.64	5.5
410408	.36	583.76	1.96	68.2	346	4.4	10.2	813	3.26	.3	.1	182.1	.7	116.8	.12	.10	.04	41	2.23	.119	3.6	9.7	.91	232.3	.084	1	1.64	.055	.25	.2	2.0	.06	.23	5	.4	.11	5.1
410409	.15	46.60	3.22	67.5	137	4.0	10.0	1161	2.96	2.6	.2	817.9	.8	169.6	.20	.13	.05	33	3.55	.141	5.1	6.9	.79	222.7	.061	2	1.44	.043	.35	.3	2.1	.08	.41	6	.2	.17	4.6
410410 (pulp)	5.94	1080.37	5.22	57.3	246	10.4	6.4	621	3.52	3.6	.4	66.1	2.0	41.8	.17	1.42	.63	35	.96	.056	5.4	19.9	.63	122.1	.063	4	.94	.067	.14	3.6	3.5	.11	.52	223	2.0	.05	3.8
410411	.11	29.29	2.39	80.6	65	5.0	10.2	865	2.95	1.2	.2	52.1	.7	155.2	.09	.09	.03	45	2.06	.149	5.0	8.5	.98	194.9	.130	1	1.76	.061	.33	.3	2.4	.11	.18	5	<.1	.03	5.6
410412	.11	30.87	2.45	73.7	49	4.1	10.1	777	2.60	.7	.2	6.7	.6	196.3	.09	.09	.02	42	1.96	.137	4.7	7.4	.98	214.5	.140	1	1.70	.058	.29	.4	2.5	.09	.19	<5	.1	.05	5.9
410413	.11	35.32	2.32	75.7	67	5.0	10.2	834	2.89	.8	.2	9.2	.7	171.2	.07	.11	.02	49	1.90	.138	5.1	10.0	1.03	218.5	.154	1	1.75	.069	.37	.3	2.3	.12	.11	8	.1	.05	6.1
410414	.12	32.89	1.97	66.8	39	4.4	9.9	694	2.55	.7	.2	5.0	.5	164.8	.07	.08	.02	44	1.53	.138	4.0	7.6	.93	276.6	.147	1	1.69	.070	.47	.2	2.0	.15	.12	<5	.1	.02	5.1
410415	.15	56.87	2.65	64.2	49	4.2	9.7	698	2.38	.5	.2	12.8	.6	203.9	.07	.11	.03	40	1.78	.139	3.8	8.8	.89	174.6	.131	1	1.68	.066	.28	.2	2.3	.09	.20	<5	.2	.05	5.3
410416	.12	32.12	2.70	59.3	66	5.8	9.6	744	2.84	.7	.2	13.1	.7	164.1	.08	.09	.05	41	2.18	.136	4.1	9.1	.92	152.1	.119	1	1.71	.062	.23	.2	2.2	.06	.21	<5	.1	.10	5.3
410417	.99	254.13	1.63	53.8	214	5.1	10.5	722	3.13	1.2	.1	104.5	.7	97.8	.07	.12	.06	44	1.98	.124	3.3	11.2	.97	130.3	.115	1	1.79	.065	.26	.3	1.8	.06	.57	<5	.3	.17	5.5
410418	.65	1238.23	.84	29.2	553	7.3	7.8	254	3.15	1.6	.1	482.6	1.3	54.4	.09	.07	.06	37	1.13	.073	1.1	16.0	.99	46.5	.048	1	1.75	.065	.11	.1	1.3	.03	.94	8	.8	.19	5.7
410419	.44	675.29	.89	35.0	638	6.8	7.2	348	3.56	1.3	.1	233.6	1.4	61.7	.25	.08	.08	40	2.08	.074	1.8	16.3	.98	54.6	.006	1	1.79	.057	.17	1.6	2.1	.06	1.06	7	.5	.45	6.4
410420 (pulp)	8.56	4668.99	8.30	79.2	1000	10.2	9.1	796	5.43	6.6	.3	303.1	1.6	178.3	.33	5.73	1.04	42	2.01	.070	3.8	18.8	.94	77.6	.020	3	.80	.047	.27	4.8	4.8	.11	1.58	846	6.9	.16	2.9
410421	.66	645.66	.68	32.2	375	7.0	6.2	305	3.47	.9	.1	233.1	1.2	57.8	.06	.06	.05	46	1.40	.072	1.2	17.2	1.04	50.1	.037	1	1.85	.068	.11	.2	1.7	.03	.56	5	.4	.17	6.5
410422	.97	3610.08	.78	33.6	1611	6.1	9.1	257	3.56	1.1	<.1	1522.1	1.1	51.2	.22	.08	.17	35	1.19	.062	.8	17.5	.88	40.3	.036	1	1.53	.071	.08	1.7	1.4	.02	1.80	24	3.0	.71	5.3
410423	.50	795.22	.82	30.3	428	6.3	8.7	332	3.51	1.0	.1	310.0	1.1	59.0	.15	05	.08	41	2.18	.067	1.6	16.4	1.02	39.7	.008	1	1.81	.059	.11	2.1	2.3	.02	.74	6	.6	.24	6.7
410424	2.97	1793.48	1.17	29.9	1066	6.9	19.7	316	4.79	4.9	.1	568.0	.9	72.7	.14	.11	.23	49	1.83	.053	1.5	18.1	.83	54.5	.006	1	1.56	.066	.13	.8	2.1	.03	2.61	13	1.9	.64	6.5
RE 410424	2.97	1734.64	1.05	29.7	1005	6.5	18.9	302	4.57	4.7	.1	462.1	.9	69.8	.13	.09	.22	47	1.75	.049	1.4	17.0	.80	50.5	.006	<1	1.52	.062	.12	.8	2.0	.03	2.52	7	1.8	.67	5.9
RRE 410424	2.37	1650.85	1.06	28.7	986	6.4	16.9	295	4.48	4.4	.1	456.0	.9	66.1	.14	.09	.22	47	1.69	.051	1.4	16.4	.80	51.0	.006	1	1.50	.065	.12	1.1	2.1	.03	2.39	9	1.6	.56	6.0
410425	.74	1137.32	1.24	24.5	597	7.5	12.1	309	4.69	3.9	<.1	422.3	.7	47.2	.06	.09	.11	52	1.52	.043	1.0	16.7	.87	41.6	.022	<1	1.81	.056	.15	<.1	1.5	.03	1.75	<5	1.1	.28	6.5
410426	.67	1460.11	2.17	36.1	1417	7.5	16.6	377	6.31	1.8	<.1	1408.4	.8	69.6	.24	.13	.68	49	2.01	.039	1.4	15.4	.74	52.8	.004	1	1.49	.044	.15	.1	1.9	.04	3.49	18	3.9	1.77	6.2
410427	2.71	655.47	2.74	17.3	2514	5.3	15.5	325	4.97	.9	.1	4059.8	1.2	90.8	.19	.11	1.54	13	2.33	.053	1.2	5.5	.58	19.8	.002	<1	1.09	.045	.19	.4	1.3	.11	5.50	26	4.3	5.67	3.3
410428	.59	163.05	1.00	19.8	128	5.9	11.8	250	4.39	1.5	<.1	119.9	1.2	39.7	.02	.07	.12	33	1.85	.047	1.4	11.1	.73	39.4	.004	1	1.19	.043	.21	.1	1.0	.04	3.40	6	1.7	.29	4.2
410429	.27	2056.85	1.10	25.0	1078	8.0	7.7	314	6.25	.3	<.1	1147.4	.6	36.3	.22	.07	.06	87	1.15	.023	.8	22.0	.86	34.3	.019	<1	1.53	.060	.14	.1	1.7	.03	1.10	<5	1.7	.45	7.1
STANDARD DS7	20.19	104.60	68.35	411.3	821	54.7	9.5	631	2.42	51.2	4.8	113.0	4.4	72.6	6.56	5.88	4.47	83	.95	.077	12.9	170.9	1.05	372.9	.121	38	1.01	.079	.45	3.8	2.6	4.22	.21	198	3.6	1.15	5.0

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBI
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

10-30-06 P03:22 OUT

Data___ FA ____ DATE RECEIVED: SEP 25 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER
Raymond Chan

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm
G-1	.32	16.78	3.28	44.8	25	3.8	4.5	562	1.96	<.1	2.9	1.4	4.6	108.1	.01
410430	4.54	1897.66	1.74	31.6	2441	7.5	10.0	376	6.76	.4	<.1	792.5	.4	39.8	.55
410431	1.05	877.51	1.38	37.6	1053	7.3	15.8	511	5.91	1.0	<.1	1797.5	.6	60.7	.14
410432	2.47	527.70	.67	40.6	406	7.6	8.3	467	6.58	.1	<.1	259.5	.6	44.6	.08
410433	1.99	313.99	.57	32.4	206	6.3	8.0	394	5.00	.1	<.1	160.4	.6	65.5	.03
410434	.44	63.99	.73	25.2	53	5.3	8.8	299	4.00	.4	<.1	58.8	1.0	67.0	<.01
410435	2.66	44.31	.75	14.9	33	4.1	8.7	208	2.18	.9	.1	7.1	1.5	99.8	.01
410436	15.32	1141.66	4.13	54.3	759	13.1	15.7	1087	2.47	34.9	.5	202.0	1.4	66.8	.16
410437	21.72	1353.43	4.41	56.1	971	15.4	17.1	951	2.64	18.3	.3	88.8	.9	63.9	.23
410438	32.85	1786.66	5.10	53.3	1101	18.1	13.1	963	2.17	7.1	.2	127.6	1.0	85.6	.13
410439	10.58	3037.46	4.61	102.5	2132	66.1	60.3	2912	7.30	7.6	.2	121.0	.4	232.0	.25
410440	.49	12.97	1.45	15.1	14	2.0	4.6	306	1.43	.4	.7	1.3	3.5	90.2	.02
410441	2.67	553.74	2.30	66.3	357	68.8	22.8	1212	7.40	6.7	.2	75.6	.1	187.1	.09
410442	28.44	636.05	2.74	81.6	534	64.7	24.1	1245	6.45	6.1	.2	58.3	.1	166.3	.03
410443	.39	134.47	2.40	75.1	173	60.0	21.8	884	5.29	6.5	.1	23.4	<.1	128.5	.02
410444	16.56	823.36	4.30	105.5	525	74.7	30.6	2116	8.31	6.5	.1	51.7	<.1	168.6	.11
410445	19.22	1394.60	3.44	110.6	1289	78.3	30.5	2226	10.18	8.2	.2	126.0	.1	224.5	.10
410446	6.11	1563.60	4.49	117.7	1284	84.3	31.9	2884	9.16	12.2	.4	172.9	.2	188.6	.29
410447	7.45	2059.47	7.61	85.9	2002	35.9	22.5	2100	6.27	139.8	.5	230.6	.7	117.1	.32
410448	13.29	3789.61	12.49	57.8	4122	17.5	11.5	1245	3.63	27.6	.7	1093.4	1.4	67.6	.43
410449	21.47	2669.63	12.71	43.9	1935	13.6	7.5	962	1.95	24.8	.6	386.1	1.8	55.2	.40
410450	5.98	845.09	7.40	79.2	569	80.1	25.5	2199	5.14	14.7	.3	118.0	.4	130.3	.14
RE 410450	6.03	833.30	7.02	83.4	546	79.1	24.5	2152	5.05	14.1	.3	100.8	.4	131.0	.14
RRE 410450	5.15	804.11	7.13	82.5	602	83.7	24.5	2173	5.17	13.6	.3	115.3	.4	135.5	.15
410451	2.88	537.16	11.02	95.3	447	88.1	30.6	2184	5.84	16.2	.3	72.3	1.5	220.8	.17
410452	7.83	903.83	6.05	93.9	755	66.0	35.3	2119	6.03	74.0	.4	44.6	.5	106.3	.13
410453	50.06	1827.93	6.82	108.7	2139	98.3	32.9	2538	7.57	204.5	.3	85.9	.8	105.0	.12
410454	41.38	3306.17	7.29	115.7	2202	111.5	34.9	2717	7.86	280.6	.3	122.7	.7	90.8	.16
410455	300.95	3610.07	11.84	95.4	2528	100.0	44.4	2025	5.72	395.5	1.9	176.3	1.8	87.0	.21
410456	5.14	218.34	4.63	49.0	185	27.6	16.2	923	2.73	30.8	1.2	9.4	8.1	51.1	.10
410457	9.02	82.66	4.33	32.1	143	14.6	12.7	875	2.14	32.3	1.3	5.5	9.2	50.7	.09
410458	3.56	17.25	4.98	35.1	37	12.1	10.7	1029	2.09	26.8	2.0	11.6	8.4	52.6	.11
410459	7.31	476.33	3.50	41.9	329	27.3	12.4	1161	2.63	23.6	1.2	21.0	7.9	51.6	.14
410460 (pulp)	5.72	1029.41	4.96	58.1	238	9.9	6.2	603	3.43	3.6	.4	91.6	2.0	42.7	.15
410461	178.08	3828.67	6.17	90.6	2595	97.1	26.0	1855	5.45	106.2	.2	152.3	.9	122.4	.15
STANDARD DS7	19.68	107.23	68.46	412.7	843	54.3	9.5	628	2.42	48.1	4.8	100.8	4.3	68.6	6.50

SAMPLE#	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
G-1	.03	.08	38	.66	.078	8.2	7.5	.60	216.3	.140	2	1.49	.131	.58	.1	2.5	.36	<.01	<5	<.1	<.02	5.5
410430	.06	.12	81	1.86	.012	.5	13.8	.69	27.6	.005	1	1.19	.033	.14	3.3	1.4	.07	2.38	16	1.9	1.72	5.7
410431	.07	.41	57	2.18	.022	.7	14.8	.75	46.3	.020	1	1.26	.031	.15	1.4	1.1	.04	3.13	6	2.7	2.52	4.9
410432	.05	.06	99	1.80	.018	<.5	15.5	.88	21.2	.013	1	1.38	.042	.09	.8	1.6	.02	1.08	<5	.6	.53	7.6
410433	.04	.05	74	2.08	.031	<.5	18.2	.83	21.2	.035	1	1.33	.048	.06	.3	1.2	<.02	1.78	<5	.9	.34	6.4
410434	.04	.08	41	1.80	.044	.6	11.1	.78	27.2	.038	1	1.27	.051	.09	.1	.9	.02	2.66	6	1.3	.27	4.6
410435	.04	.07	9	2.35	.062	.9	6.8	.60	30.6	.007	<1	1.02	.044	.13	<.1	.6	.03	3.30	5	1.9	.25	2.0
410436	.48	.30	67	2.77	.085	4.9	16.3	1.14	398.6	.016	3	1.16	.040	.41	.9	4.2	.09	.13	<5	1.0	.15	5.0
410437	.42	.99	87	2.65	.113	6.1	12.2	1.27	177.3	.041	2	1.44	.045	.58	.9	4.5	.15	.16	<5	.9	.33	6.3
410438	.39	.84	87	2.73	.126	4.6	11.3	1.29	85.0	.058	1	1.47	.044	.47	1.0	4.2	.19	.18	<5	1.2	.15	6.1
410439	.76	.71	197	9.32	.090	4.6	94.9	2.96	75.3	.034	3	2.90	.008	.42	.9	22.8	.16	.46	11	1.8	.16	11.9
410440	.09	<.02	31	.86	.055	8.1	3.6	.37	215.6	.061	2	.84	.072	.15	<.1	1.6	.02	.01	<5	.1	<.02	3.0
410441	.59	.31	224	4.19	.070	1.6	118.6	1.74	54.1	.203	1	1.53	.014	.39	.9	14.7	.11	.04	<5	.6	.12	5.7
410442	.84	.12	189	2.97	.041	1.4	91.6	2.46	68.8	.241	4	2.28	.019	.45	1.3	12.0	.13	.06	<5	.4	.07	6.9
410443	.89	.08	156	2.05	.042	.9	94.7	2.24	61.9	.231	3	2.15	.020	.49	.7	8.4	.14	.01	6	.2	.04	5.4
410444	.84	1.45	236	5.54	.043	1.9	79.2	3.24	116.7	.116	5	2.83	.010	.49	.4	26.0	.13	.09	8	.6	.45	8.7
410445	.61	.46	294	6.01	.098	3.8	117.6	2.90	57.9	.064	1	2.42	.012	.30	.3	31.2	.08	.14	<5	.9	.12	8.9
410446	.34	.42	266	7.58	.216	7.8	114.3	3.65	84.3	.023	3	2.72	.009	.41	.5	31.6	.11	.12	5	.7	.05	9.7
410447	1.47	.60	120	5.41	.150	5.5	28.2	2.39	198.8	.004	4	1.24	.012	.33	1.6	13.8	.06	.20	26	1.3	.16	3.9
410448	1.85	1.49	85	2.65	.105	6.2	9.7	1.24	64.5	.005	2	.87	.028	.30	.7	7.0	.07	.42	12	2.7	.70	2.7
410449	1.50	.26	20	2.50	.058	4.0	7.4	.94	66.8	.001	2	.51	.031	.26	.4	1.7	.05	.30	10	2.3	.09	1.4
410450	.30	.25	99	6.80	.165	5.5	135.2	2.84	81.3	.005	3	.95	.018	.34	1.8	11.6	.07	.07	7	.6	.10	2.6
RE 410450	.31	.24	99	6.73	.164	5.6	136.0	2.84	80.6	.005	3	.96	.018	.34	1.9	11.6	.07	.07	<5	.7	.08	2.7
RRE 410450	.28	.24	100	6.78	.163	5.4	135.9	2.86	140.7	.005	3	.96	.017	.32	2.0	11.3	.07	.07	<5	.6	.05	2.6
410451	.58	.17	213	6.99	.216	14.3	169.2	2.88	687.3	.016	2	1.44	.025	.42	.6	25.3	.11	.05	<5	.7	.06	5.0
410452	2.92	.36	195	5.57	.108	5.2	67.3	2.67	444.3	.009	3	1.21	.017	.19	.9	23.4	.13	.14	29	.8	.12	3.6
410453	6.57	.46	222	3.72	.175	8.6	114.6	2.45	308.2	.041	1	1.41	.017	.58	2.3	25.7	.20	.17	36	1.9	.07	5.5
410454	7.08	1.24	227	3.21	.184	6.7	137.0	2.38	372.7	.061	2	1.75	.017	.81	.5	22.8	.37	.37	39	3.1	.38	6.9
410455	10.40	.67	212	3.92	.160	11.9	114.7	2.30	209.4	.066	2	1.60	.014	.82	.6	18.5	.95	.66	103	4.6	.12	6.5
410456	1.78	.48	50	1.95	.111	25.8	33.1	1.08	220.3	.049	2	1.27	.019	.62	.3	5.1	.28	.23	25	.3	.31	4.0
410457	1.10	.51	25	1.98	.102	29.7	13.1	.91	277.3	.034	2	1.06	.016	.51	.4	3.2	.39	.32	23	.3	.30	2.9
410458	.78	.34	28	2.59	.098	26.7	11.4	1.02	297.5	.018	2	1.09	.016	.48	.2	3.5	.35	.20	12	.1	.15	2.8
410459	.78	.38	50	1.98	.118	27.3	34.7	1.03	262.8	.039	2	1.18	.017	.69	.4	6.2	.22	.21	<5	.6	.17	3.5
410460 (pulp)	1.35	.55	33	.96	.055	5.4	19.8	.61	113.8	.064	3	.91	.066	.14	3.6	3.4	.04	.52	195	2.3	.04	3.8
410461	1.55	.49	207	2.90	.182	11.4	153.3	1.93	235.8	.100	1	2.20	.022	1.28	.3	20.5	.31	.40	14	4.5	.13	8.0
STANDARD DS7	6.05	4.53	82	.92	.078	12.1	167.3	1.05	366.4	.116	38	.97	.074	.44	3.8	2.4	4.14	.19	191	3.4	1.12	4.6

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm
G-1	.20	3.81	3.05	44.7	16	10.6	4.8	545	1.96	.5	2.8	.4	4.1	72.8	.01	.04	.08	36
410462	11.26	1819.93	4.28	94.9	1282	78.1	29.5	1683	6.13	38.0	.1	77.7	.8	89.5	.09	1.11	.77	222
410463	48.22	1862.17	3.78	85.5	1313	86.6	26.8	1488	5.52	16.2	.2	101.2	.7	620.4	.04	.40	.28	180
410464	19.72	259.17	3.74	76.1	317	84.3	24.2	1242	4.99	12.1	.2	27.2	.5	397.7	.04	.48	.16	152
410465	26.92	747.22	60.71	79.9	658	93.9	25.7	1259	5.37	16.2	.2	40.7	.4	3022.7	.06	.42	.23	156
410466	55.43	1242.21	8.15	86.4	1005	86.0	25.0	1518	5.38	10.2	.2	238.1	.5	539.6	<.01	.35	.25	189
410467	46.02	1106.40	3.05	66.2	851	70.8	20.4	1134	3.72	12.4	.2	40.0	.4	385.5	.02	.61	.20	142
410468	10.98	897.80	3.18	77.8	800	79.5	22.8	1210	4.97	11.3	.2	37.6	.4	151.1	.08	.43	.30	166
410469	29.46	633.60	3.35	68.6	700	74.5	19.8	1150	3.60	14.0	.2	26.7	.3	215.1	.03	.65	.25	136
410470	38.49	399.24	2.53	63.7	382	66.5	21.0	1246	4.44	13.2	.2	15.6	.3	289.6	<.01	.76	.25	162
410471	47.39	1549.09	3.21	74.5	1335	77.6	25.6	1274	6.04	13.1	.2	69.4	.4	161.5	.03	.56	.50	181
410472	63.94	1941.38	3.68	79.2	1486	81.0	24.2	1081	5.83	14.6	.2	73.2	.4	201.2	.04	.83	.65	185
410473	28.87	2180.99	2.90	86.0	1698	57.6	28.2	1463	5.82	12.7	.2	91.5	.3	159.8	.12	.35	.44	217
410474	34.40	1905.79	4.02	82.6	1576	36.7	24.9	1447	6.54	10.5	.2	74.6	.5	257.1	.15	.29	.44	235
410475	24.45	1357.79	4.05	78.7	1226	33.3	23.7	1324	6.17	10.7	.3	60.2	.6	162.4	.10	.40	.37	217
RE 410475	23.92	1379.47	3.80	80.2	1167	35.9	24.4	1350	6.16	10.5	.3	62.0	.5	161.3	.11	.40	.35	219
RRE 410475	18.71	1397.04	3.92	80.5	1190	35.2	23.0	1317	6.07	10.6	.2	60.2	.5	155.9	.13	.36	.37	214
410476	8.81	2424.82	4.56	80.5	1882	37.3	24.7	1331	6.11	10.4	.2	116.1	.6	172.9	.22	.36	.26	226
410477	173.08	3753.04	4.26	93.3	3026	48.8	27.3	1425	7.94	10.0	.2	158.5	.4	154.6	.16	.28	.41	272
410478	20.22	3772.11	4.02	93.8	3134	43.7	24.8	1424	6.96	10.5	.2	163.2	.4	277.1	.26	.26	.35	269
410479	53.28	5533.96	3.37	104.5	4603	47.1	32.6	1471	7.24	10.1	.1	222.4	.4	197.3	.36	.22	.57	272
410480 (pulp)	8.71	4567.47	8.38	75.0	1016	10.2	8.9	770	5.25	6.4	.3	306.5	1.5	172.5	.29	5.44	1.01	41
410481	84.68	7108.44	3.69	107.5	6762	46.0	31.3	1671	6.74	8.9	.2	329.8	.6	358.7	.54	.36	.72	218
410482	62.01	2642.57	3.02	87.5	2658	39.1	27.7	1601	6.30	9.3	.3	116.2	.5	415.5	.22	.49	.56	182
410483	16.96	2323.41	4.77	73.0	1905	36.3	21.6	1491	6.09	12.4	.3	101.8	.6	392.2	.26	.67	.45	185
410484	13.54	1323.11	2.63	69.1	1021	41.8	23.1	1094	5.68	15.8	.2	54.4	.4	223.1	.10	.80	.28	176
410485	3.24	1670.07	3.24	72.6	1410	39.8	23.0	1162	7.16	11.7	.2	79.5	.4	180.0	.22	.58	.15	208
410486	9.70	1211.47	5.08	87.2	992	34.7	27.5	1395	5.85	11.3	.3	44.8	.5	767.9	.14	.54	.29	194
410487	6.36	608.96	2.50	104.7	544	47.7	27.4	1641	7.54	11.5	.2	24.7	.4	181.3	.12	.42	.16	228
410488	3.81	905.14	3.23	92.9	793	41.0	24.9	1395	7.54	12.5	.2	33.1	.5	140.0	.12	.36	.27	240
410489	11.49	856.82	2.94	88.9	741	36.5	23.4	1661	7.89	11.6	.2	30.0	.8	129.4	.14	.11	.68	230
410490	5.84	206.06	94.38	43.4	313	5.4	12.3	757	3.80	8.3	.5	11.1	1.5	147.2	.15	.47	.65	134
410491	2.30	58.71	10.22	39.2	81	3.9	9.3	600	3.30	10.9	.5	10.8	1.5	134.6	.05	.63	.13	110
410492	1.66	136.13	95.24	36.9	795	3.1	9.3	537	3.06	10.5	.5	556.4	1.6	133.3	.13	.57	.34	106
410493	1.73	63.30	4.36	41.8	103	3.1	10.1	592	3.17	10.1	.5	.5	1.6	142.9	.09	.60	.05	110
STANDARD DS7	19.91	104.88	67.07	407.0	821	53.4	9.5	627	2.38	48.8	4.9	84.9	4.5	72.6	6.45	6.07	4.47	83

SAMPLE#	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.56	.076	7.8	12.3	.63	196.3	.129	1	1.10	.100	.51	.1	2.1	.34	<.01	<5	<.1	<.02	4.9
410462	1.74	.221	7.6	97.6	2.23	250.2	.102	1	2.38	.026	1.56	.4	18.3	.37	.24	12	1.9	.16	8.8
410463	2.68	.202	5.2	115.4	2.17	222.1	.116	1	2.16	.027	1.11	.3	13.6	.25	.27	6	2.2	.16	8.0
410464	3.69	.186	3.7	112.2	2.00	161.4	.118	2	1.75	.028	.74	.4	10.7	.17	.05	<5	.3	.05	6.4
410465	2.67	.189	3.1	128.0	2.47	283.5	.154	2	2.10	.030	1.01	.6	8.7	.22	.19	<5	.8	.24	6.7
410466	3.92	.178	4.1	134.9	2.80	186.1	.144	1	2.45	.026	.92	.4	13.9	.23	.13	<5	1.2	.11	9.3
410467	3.20	.179	3.3	93.3	2.02	144.4	.163	2	2.00	.032	.68	.9	6.7	.16	.24	<5	.9	.08	7.3
410468	2.69	.188	2.7	118.8	2.29	190.3	.190	2	2.15	.040	.97	1.2	7.4	.22	.32	<5	.9	.11	7.3
410469	2.67	.194	2.2	108.5	2.17	150.2	.181	2	2.06	.037	.95	1.7	7.0	.22	.15	<5	.6	.07	6.9
410470	3.32	.184	2.8	100.7	2.20	182.7	.177	2	2.22	.033	1.23	1.5	8.3	.31	.12	9	.5	.09	8.2
410471	2.71	.184	4.2	114.9	2.32	158.2	.150	2	2.19	.034	.83	1.0	9.0	.19	.16	<5	1.5	.28	8.5
410472	2.34	.180	3.2	124.5	2.24	183.7	.179	3	2.13	.040	1.02	1.1	8.4	.21	.26	<5	2.1	.29	7.6
410473	3.06	.185	2.5	101.3	2.84	283.5	.224	1	2.85	.035	1.98	.9	13.7	.48	.28	<5	2.1	.20	9.8
410474	3.58	.188	5.1	61.3	2.36	257.0	.182	1	2.36	.039	1.58	2.0	16.0	.49	.45	<5	1.9	.24	9.1
410475	3.21	.180	4.2	42.7	2.33	229.5	.191	2	2.33	.039	1.48	.5	13.3	.33	.21	<5	1.5	.13	8.8
RE 410475	3.23	.178	4.1	40.4	2.36	218.2	.181	1	2.35	.040	1.33	.5	12.8	.29	.21	5	1.6	.13	9.0
RRE 410475	3.15	.185	3.9	41.3	2.29	216.6	.176	2	2.29	.038	1.38	.5	12.5	.31	.21	<5	1.5	.11	8.8
410476	2.84	.185	3.4	47.9	2.50	218.8	.204	2	2.60	.042	1.46	2.3	13.2	.28	.30	<5	2.7	.14	9.3
410477	2.79	.184	3.4	65.2	2.86	330.0	.254	1	3.02	.036	2.31	.5	16.5	.54	.60	<5	3.8	.13	9.9
410478	2.84	.189	3.5	95.1	3.00	389.2	.274	1	3.13	.044	2.45	.4	17.8	.55	.51	<5	3.7	.12	10.0
410479	2.94	.196	2.5	69.0	2.91	128.9	.255	1	3.12	.034	2.27	.8	16.2	.63	1.00	8	5.3	.30	9.9
410480 (pulp)	1.97	.075	3.8	18.4	.90	69.7	.020	3	.75	.045	.26	4.9	4.7	.12	1.54	836	7.4	.16	2.7
410481	4.30	.163	4.7	60.7	2.76	82.1	.090	1	2.80	.025	1.02	.4	12.7	.23	1.25	16	6.4	.25	9.6
410482	4.49	.152	5.9	69.1	2.52	180.2	.082	2	2.58	.022	.89	.5	11.3	.20	.60	7	2.5	.16	8.5
410483	3.84	.172	5.5	48.5	2.50	386.6	.117	2	2.17	.025	1.01	1.7	12.0	.23	.32	12	2.1	.11	7.7
410484	2.43	.178	3.3	85.1	2.22	171.3	.168	2	2.13	.037	.62	1.1	8.1	.13	.19	<5	1.1	.12	7.7
410485	2.47	.173	3.5	73.3	2.26	176.9	.200	2	2.25	.041	.79	.9	9.0	.16	.16	<5	1.3	.07	7.7
410486	3.00	.160	3.1	61.9	2.32	326.6	.196	2	2.49	.036	1.11	1.1	9.6	.33	.30	<5	1.3	.16	8.6
410487	2.91	.177	3.4	98.6	3.06	166.9	.198	1	2.78	.034	.68	.9	12.6	.14	.09	<5	.6	.08	10.1
410488	2.59	.174	3.3	76.1	2.82	287.4	.237	1	2.77	.039	1.59	.9	14.2	.40	.20	<5	.9	.14	9.9
410489	3.75	.172	4.2	64.6	2.61	448.2	.248	<1	2.89	.033	2.22	.5	15.7	.59	.23	<5	.9	.30	10.8
410490	2.11	.135	4.7	7.4	1.16	140.5	.151	2	1.46	.065	.79	.8	6.4	.19	.17	6	.6	.34	5.6
410491	1.94	.129	4.3	5.1	1.08	83.3	.145	2	1.37	.069	.47	1.4	4.7	.10	.04	<5	.1	.04	5.6
410492	1.93	.128	4.2	5.0	.92	80.0	.125	2	1.22	.070	.34	1.1	3.9	.07	.05	8	.4	.69	5.1
410493	1.90	.140	4.4	4.2	1.08	100.4	.134	2	1.38	.068	.49	1.0	5.0	.10	.01	8	.2	.02	5.8
STANDARD DS7	.93	.081	12.9	169.8	1.05	368.8	.120	38	.99	.078	.44	3.9	2.6	4.12	.19	191	3.5	1.09	4.7

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A606442

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	.38	2.65	4.56	46.8	32	7.0	4.7	560	2.01	.9	2.8	<.2	4.0	78.7	.02	.14	.09	39	.64	.077	7.7	9.4	.65	219.5	.131	2	1.11	.102	.56	<.1	2.3	.36	<.01	<5	.1	.04	5.4
410494	2.88	38.60	3.61	35.5	72	2.8	10.3	626	3.29	11.4	.5	7.1	1.5	134.6	.08	.55	.05	109	2.11	.143	5.3	4.6	1.10	62.5	.113	3	1.31	.071	.32	1.4	4.8	.04	<.01	<5	<.1	.05	5.8
410495	6.33	155.12	5.31	42.1	148	5.6	11.6	742	3.49	10.1	.4	5.7	1.2	166.1	.08	.70	.16	129	2.53	.133	4.8	9.1	1.26	69.3	.134	3	1.61	.062	.44	1.3	5.6	.07	.03	<5	.1	.07	6.6
410496	26.76	2489.94	7.42	69.6	1973	33.9	20.8	1179	4.75	13.4	.2	118.9	.3	194.3	.24	.66	.26	176	3.33	.180	2.4	67.7	2.07	123.1	.187	2	2.19	.033	.81	4.1	9.3	.18	.32	<5	2.3	.11	8.3
410497	26.58	938.65	6.23	81.4	822	25.1	20.0	1114	5.31	15.0	.3	46.6	.6	643.2	.13	.39	.67	178	2.96	.172	4.0	53.6	1.88	259.7	.167	2	2.07	.043	1.20	2.0	10.2	.28	.26	<5	.7	.19	8.0
410498	2.78	236.53	4.05	45.7	239	3.2	11.8	1047	3.69	9.1	.5	10.6	1.8	359.9	.16	.47	.08	104	3.79	.130	7.3	4.0	.79	155.6	.033	2	.94	.047	.24	.2	7.5	.05	.04	<5	.2	.04	5.0
410499	4.88	188.32	4.41	50.8	143	7.1	12.5	1061	3.88	46.1	.6	7.6	1.4	107.8	.10	2.02	.12	92	3.15	.137	6.3	4.4	1.38	440.0	.019	6	1.17	.026	.63	.1	9.9	.21	.04	<5	.2	.02	4.3
410500	.32	5.13	1.61	14.8	10	1.8	4.0	283	1.44	.7	.8	.4	3.6	101.6	.01	.08	<.02	33	.85	.059	8.1	3.7	.35	230.7	.067	1	.89	.062	.19	<.1	1.5	.02	.01	<5	<.1	<.02	3.4
411001	9.05	80.37	3.98	47.4	99	5.7	11.5	789	3.55	14.1	.4	2.7	1.3	208.2	.05	1.07	.06	123	2.18	.143	5.8	4.8	1.02	119.4	.106	2	1.42	.054	.63	.3	9.1	.14	.01	<5	<.1	.05	6.1
411002	10.96	501.65	2.62	58.3	399	14.7	14.9	909	4.59	14.2	.3	16.5	.6	175.5	.06	.52	.33	161	2.22	.159	2.7	19.9	1.66	188.3	.179	1	2.06	.045	1.44	1.4	8.1	.29	.15	<5	.4	.15	6.9
411003	4.57	322.07	2.44	84.0	439	35.7	22.1	1485	6.88	16.2	.2	20.9	.4	185.1	.08	.41	.18	235	3.52	.190	3.3	85.4	2.69	204.3	.203	2	2.61	.037	1.10	1.7	13.7	.26	.17	<5	.3	.06	9.2
411004	1.75	255.65	2.06	61.5	225	7.4	14.3	958	4.56	10.7	.3	7.8	.7	133.8	.07	.52	.06	143	2.28	.134	2.6	9.0	1.71	137.9	.158	1	2.06	.050	.98	.9	6.4	.16	.10	<5	.2	.03	6.9
411005	9.49	285.83	3.09	56.7	214	9.9	15.1	967	4.69	13.4	.4	8.8	.9	164.9	.06	.52	.30	155	2.87	.152	4.2	11.5	1.69	141.3	.148	2	1.87	.054	.88	.7	7.4	.25	.25	<5	.3	.12	7.2
411006	35.20	870.21	2.34	76.2	469	40.8	22.1	1049	5.58	17.6	.2	26.1	.3	162.7	.04	.45	.11	197	2.98	.198	2.5	79.7	2.26	200.6	.217	2	2.38	.044	1.01	.9	7.0	.21	.31	<5	.7	.07	7.8
RE 411006	35.59	871.82	2.56	72.6	502	39.4	22.3	1051	5.58	18.5	.2	26.4	.3	164.7	.03	.49	.11	198	2.99	.197	2.5	77.7	2.25	209.9	.225	1	2.33	.044	1.00	1.0	7.6	.20	.32	<5	.7	.09	7.9
RRE 411006	26.27	814.52	2.34	69.2	476	39.8	21.9	1034	5.45	17.9	.2	23.6	.3	172.1	.07	.52	.10	197	3.00	.195	2.6	81.0	2.21	223.4	.235	2	2.35	.046	1.00	1.0	7.5	.20	.32	<5	.7	.07	7.5
411007	5.50	517.06	2.08	63.9	292	37.0	18.8	856	5.36	17.8	.2	20.8	.2	147.3	.06	.60	.04	193	2.27	.210	2.7	81.6	1.97	139.3	.213	2	2.10	.056	.73	.9	5.1	.13	.16	<5	.5	.05	6.7
411008	7.31	766.75	3.12	83.3	476	55.7	27.7	1336	7.85	16.0	.2	37.6	.4	154.6	.10	.33	.31	248	3.06	.188	3.3	95.6	2.95	281.7	.253	1	3.05	.039	1.69	3.0	13.5	.41	.31	<5	.7	.17	10.5
411009	9.46	876.85	4.10	87.1	639	71.1	28.2	1173	7.72	14.5	.3	46.0	.6	229.8	.13	.29	.50	230	2.62	.175	3.4	112.7	2.45	308.6	.231	1	2.50	.046	1.67	.8	12.6	.39	.56	<5	.8	.34	9.6
411010	3.36	189.86	3.63	54.6	164	6.5	15.0	953	4.58	9.7	.4	16.4	1.2	123.2	.15	.32	.45	145	2.59	.138	5.1	5.9	1.38	135.6	.135	2	1.56	.054	.78	.7	8.2	.18	.15	<5	.1	.24	6.9
411011	2.42	81.88	3.14	61.0	172	3.9	12.1	888	4.23	9.4	.5	74.4	1.6	148.4	.08	.41	.12	139	2.25	.140	5.5	6.2	1.24	119.2	.136	2	1.47	.063	.56	.8	6.2	.12	.04	<5	<.1	.14	6.7
411012	2.03	28.63	3.85	58.7	123	5.1	11.5	1007	4.33	9.8	.5	38.1	2.1	128.0	.09	.51	.08	125	2.52	.135	9.2	5.3	1.06	174.8	.078	2	1.37	.053	.65	.4	7.2	.14	.01	<5	.1	.08	5.8
411013	3.08	87.55	4.47	47.4	90	4.8	11.5	858	3.80	9.2	.3	3.6	2.4	63.6	.14	.98	.41	106	1.52	.134	9.6	5.7	.74	149.9	.047	2	1.20	.052	.64	.3	8.6	.15	.10	<5	.2	.23	4.6
411014	2.09	80.62	4.09	47.7	93	3.5	12.5	993	4.00	9.0	.3	9.4	2.5	41.7	.10	1.06	.22	100	.62	.139	10.5	3.9	.72	323.3	.053	3	1.33	.043	.80	.4	7.5	.18	.06	<5	.2	.11	4.7
411015	2.65	55.99	4.38	60.9	74	4.3	11.8	1070	4.20	12.5	.3	6.6	2.7	40.1	.10	3.18	.15	121	.61	.142	9.9	4.6	.66	194.7	.043	2	1.33	.045	.66	.4	10.0	.16	.04	<5	.2	.04	4.7
411016	2.36	45.54	4.23	59.4	65	7.5	15.2	1243	4.38	16.5	.5	17.7	2.4	57.4	.11	2.62	.33	105	.97	.131	9.0	4.0	.59	603.1	.023	2	1.17	.039	.52	.5	8.2	.15	.15	7	.2	.16	4.1
411017	45.40	84.92	3.49	46.7	148	9.2	22.8	1448	4.34	16.0	.5	17.3	2.6	40.1	.03	2.11	.42	89	1.59	.133	19.4	3.1	.69	333.8	.019	2	1.03	.025	.45	1.6	5.9	.11	.28	8	.3	.26	3.5
411018	36.43	665.79	4.66	55.5	535	5.6	19.2	1080	4.32	61.7	.3	17.0	2.8	42.7	.09	9.66	.46	120	.62	.147	9.6	3.9	.54	192.2	.029	3	1.34	.042	.52	.9	8.7	.14	.16	11	.6	.18	4.8
411019	11.96	273.26	5.48	44.8	254	3.3	10.9	939	4.05	30.1	.3	10.4	2.9	49.2	.12	2.27	.08	115	.65	.135	10.5	4.3	.42	117.3	.019	3	1.19	.050	.41	.2	10.0	.13	.03	5	.2	.02	4.3
411020 (pulp)	11.44	9986.81	18.18	84.4	2901	487.6	17.7	884	7.42	9.0	.1	830.5	1.2	80.7	.39	8.12	.74	56	2.05	.064	2.6	621.2	.96	110.1	.005	4	.63	.044	.41	1.3	4.7	.12	1.21	1294	10.3	.30	2.4
411021	9.15	102.60	4.90	49.0	105	3.3	11.3	1179	4.28	12.4	.3	5.3	2.5	50.2	.13	1.20	.14	105	1.15	.130	9.7	4.1	.55	150.0	.011	2	1.10	.044	.36	.3	8.7	.07	.06	<5	.1	.07	4.1
411022	3.12	51.62	2.98	42.8	81	3.1	12.8	1236	3.87	13.2	.2	15.1	1.9	65.8	.10	.76	.34	73	2.21	.132	7.4	3.2	.86	385.9	.004	3	.80	.038	.38	.5	6.8	.07	.13	<5	.2	.17	2.7
411023	5.35	475.59	2.89	52.0	426	12.3	14.9	1214	4.70	20.3	.3	23.7	1.1	118.4	.23	.91	.10	88	3.74	.140	5.7	16.6	1.65	555.0	.016	5	1.01	.032	.50	.3	9.3	.10	.08	<5	.3	.07	3.2
411024	6.25	506.60	4.51	74.3	479	35.9	20.5	1398	6.75	12.5	.2	29.4	.7	365.9	.08	.33	.36	220	2.90	.182	5.5	54.3	2.29	266.9	.139	1	2.30	.037	.95	1.7	15.2	.22	.13	<5	.5	.15	8.4
411025	93.32	1332.71	1.65	63.6	1163	30.3	20.3	1262	6.42	12.4	.2	49.7	.7	287.5	.03	.39	.17	211	3.21	.180	5.0	58.3	2.23	128.1	.103	1	2.06	.045	.55	.8	12.5	.11	.16	5	1.1	.10	8.5
STANDARD DS7	20.36	106.73	68.26	412.8	845	54.0	9.6	635	2.44	53.3	5.0	61.3	4.6	73.4	6.70	6.16	4.60	84	.96	.080	13.2	176.6	1.05	375.1	.125	38	1.01	.081	.47	4.0	2.7	4.14	.20	199	3.6	1.17	5.1

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
G-1	1.73	4.22	3.53	41.8	14	3.8	4.3	537	1.89	.7	3.0	.6	4.3	92.6	.01	.11	.10	37	.70	.070	9.5	10.1	.58	201.9	.129	2	1.30	.109	.50	.2	2.4	.34	.02	<5	<.1	<.02	5.4
411026	177.15	2807.74	5.51	82.6	2792	34.4	41.4	977	4.81	13.0	.3	87.9	.6	183.8	.48	.58	.46	204	2.19	.168	4.1	57.6	1.97	171.5	.193	2	1.94	.051	.95	.9	9.9	.24	.43	8	2.1	.17	7.4
411027	52.13	2668.71	3.85	71.2	2445	39.5	72.5	964	6.26	14.2	.3	86.3	.6	553.6	.44	.63	.80	214	2.30	.169	3.9	67.0	2.04	191.7	.181	2	2.05	.045	1.00	1.2	8.6	.22	.72	<5	2.0	.44	7.5
411028	19.28	1454.01	2.41	59.5	1284	27.1	48.8	1063	5.36	14.3	.3	50.8	.6	485.3	.27	.43	.34	179	2.79	.175	3.9	52.7	1.99	253.7	.143	2	1.83	.036	.98	.6	10.3	.20	.30	<5	.9	.19	6.8
411029	2.00	63.03	2.59	50.6	74	4.8	12.9	970	4.01	10.0	.3	5.3	1.8	92.1	.05	.40	.10	96	2.63	.130	6.6	4.0	1.33	265.0	.022	4	1.23	.051	.63	.9	8.3	.20	.05	<5	<.1	.05	4.6
411030	3.16	67.26	6.80	44.5	248	4.8	13.3	942	3.76	8.9	.5	96.4	2.1	162.6	.10	.57	.38	101	2.35	.123	8.4	4.3	1.14	240.2	.071	4	1.33	.045	.63	.7	6.6	.16	.13	<5	<.1	.28	4.9
411031	2.89	100.75	3.47	42.7	123	3.0	10.5	817	3.72	8.2	.6	4.0	2.0	208.6	.12	.58	.12	120	2.16	.127	5.0	4.9	1.05	132.6	.107	3	1.45	.067	.48	.6	5.6	.11	.03	<5	<.1	.06	5.3
411032	4.13	74.69	3.93	47.2	83	3.9	12.1	813	3.78	8.2	.7	2.7	2.1	433.0	.11	.62	.19	122	2.28	.127	5.7	5.3	1.14	144.3	.106	3	1.60	.072	.63	2.3	6.9	.14	.05	<5	<.1	.11	6.1
411033	2.79	87.39	3.78	42.6	93	3.1	12.7	826	3.61	7.0	.6	3.7	2.3	144.7	.12	.52	.31	110	2.00	.123	6.3	4.9	1.04	130.6	.085	2	1.51	.056	.62	.8	6.8	.13	.08	<5	.2	.13	5.3
411034	2.55	114.83	5.64	49.0	172	6.4	15.2	1017	4.11	12.6	.4	38.5	2.4	79.1	.13	1.55	.16	117	1.91	.135	7.4	4.4	1.03	154.7	.041	3	1.61	.041	.57	.5	9.5	.15	.07	6	.2	.09	5.1
411035	3.00	48.70	4.11	51.8	79	4.6	14.3	999	4.45	13.3	.5	15.9	2.6	42.9	.09	2.35	.20	130	.74	.141	9.0	4.2	.78	255.0	.052	2	1.61	.044	.71	.9	10.3	.18	.07	<5	.1	.08	6.5
411036	3.64	79.37	4.23	48.3	71	4.1	13.1	1031	4.23	12.6	.3	6.2	2.9	47.1	.12	1.38	.10	124	.79	.137	10.1	4.0	.61	159.5	.026	3	1.27	.061	.49	.2	10.8	.11	.03	<5	.1	.05	5.3
411037	11.02	273.13	3.63	48.9	239	5.9	13.3	943	3.98	63.8	.4	9.8	2.2	89.3	.09	2.55	.15	94	1.67	.130	6.9	4.3	.88	611.6	.012	5	1.26	.029	.53	.3	9.2	.13	.04	8	.3	.03	4.2
411038	24.22	1024.16	2.85	65.2	638	24.5	26.7	1225	6.27	99.0	.6	40.3	.5	168.6	.08	1.10	.37	78	3.81	.150	4.2	10.2	2.27	1144.1	.003	8	1.18	.007	.71	.3	12.0	.16	.10	<5	1.0	.08	2.7
411039	52.98	2142.32	3.25	55.9	1071	19.1	21.1	1228	4.64	221.9	.3	47.1	.4	220.3	.18	3.21	.37	76	5.56	.122	4.5	10.4	2.33	1059.9	.004	7	1.05	.008	.67	.2	10.8	.18	.15	38	2.1	.07	2.9
411040 (pulp)	8.81	4578.49	8.32	74.8	967	10.1	8.5	752	5.34	6.6	.3	292.5	1.5	155.3	.29	5.96	1.03	44	1.92	.072	4.0	17.4	.89	79.1	.023	4	.88	.046	.31	4.9	4.4	.13	1.55	815	7.3	.15	3.3
411041	69.81	2110.46	4.57	74.4	1039	24.5	23.4	1101	5.30	240.1	.4	52.9	.4	149.7	.10	8.47	.25	101	3.28	.139	5.5	14.3	2.11	796.5	.008	6	1.03	.019	.67	.3	12.5	.15	.21	7	2.2	.07	3.3
RE 411041	72.10	2255.94	4.72	75.9	1116	25.8	24.8	1161	5.59	257.4	.5	57.1	.5	161.7	.10	8.57	.25	109	3.52	.153	5.5	16.2	2.24	836.2	.008	7	1.15	.023	.69	.3	12.7	.15	.22	11	2.4	.08	3.7
RRE 411041	76.80	2318.73	4.45	76.2	1144	26.3	24.5	1183	5.63	260.4	.5	56.0	.5	160.5	.10	7.84	.29	110	3.59	.153	6.1	14.9	2.27	835.4	.008	7	1.16	.020	.72	.3	12.8	.15	.22	9	2.4	.10	4.0
411042	105.74	1867.35	3.86	67.5	1014	27.2	23.6	1144	6.06	119.4	.3	56.1	.6	90.8	.01	8.22	.32	143	2.85	.163	6.6	21.8	2.11	514.9	.038	7	1.39	.026	.98	.4	15.4	.21	.21	6	1.8	.07	5.0
411043	38.33	1388.53	4.77	86.7	1153	51.7	27.2	1711	6.62	183.9	.4	88.2	.5	86.7	.15	10.43	1.49	152	4.05	.148	4.8	62.6	2.32	171.5	.065	4	1.68	.016	1.02	.6	14.8	.44	.60	11	1.3	.57	5.4
411044	5.21	1251.72	4.41	100.9	1175	86.3	39.4	1677	9.48	103.3	.2	72.0	.4	90.3	.15	4.03	.32	234	2.63	.200	6.3	110.9	2.26	404.7	.058	3	1.88	.013	.96	.7	23.3	.27	.13	<5	1.3	.08	6.7
411045	1.78	736.58	4.45	70.5	810	81.6	28.3	1274	7.01	46.0	.2	78.2	.1	525.8	.15	2.00	.42	215	5.85	.103	2.5	146.5	2.63	228.3	.180	3	1.87	.020	.46	.5	19.7	.12	.08	<5	.9	.09	5.9
411046	5.54	783.98	3.98	54.1	633	76.1	19.7	1024	6.01	12.5	.2	134.3	.3	393.4	.13	1.22	.54	205	4.42	.075	3.7	282.5	1.47	56.1	.181	2	1.67	.026	.18	.2	20.7	.04	.06	<5	1.0	.03	7.1
411047	6.17	799.25	3.39	60.3	427	65.7	23.7	1316	5.23	52.6	.3	41.2	.3	759.3	.12	1.96	.28	126	6.41	.144	3.7	98.9	2.97	431.7	.079	4	1.34	.023	.61	.9	12.6	.15	.09	5	.8	.10	4.5
411048	117.72	4994.72	3.75	93.6	2852	102.2	47.6	1270	7.07	30.3	.2	210.2	.3	709.5	.29	.84	.29	229	3.03	.183	3.3	145.6	2.79	221.8	.176	1	2.41	.027	.63	.6	11.3	.15	.64	<5	3.9	.22	8.8
411049	5.34	751.30	2.58	80.5	579	70.6	25.6	1024	5.64	12.9	.2	47.6	.3	548.4	.12	.73	.21	179	2.12	.176	2.2	117.3	2.13	192.8	.176	3	2.21	.038	.75	1.9	6.6	.15	.15	<5	.6	.12	7.0
411050	7.54	1756.91	4.36	76.7	1342	57.6	22.2	985	4.97	12.9	.2	88.4	.4	204.5	.27	.74	.47	174	2.29	.175	2.5	120.6	1.96	177.8	.200	2	2.07	.053	.75	1.2	6.2	.12	.22	5	1.4	.27	6.9
411051	18.65	2876.90	6.68	70.9	2108	36.1	17.5	896	3.94	11.0	.3	134.2	.5	148.8	.43	.43	.22	147	2.34	.163	3.2	73.2	1.60	184.3	.160	1	1.76	.046	1.10	.8	6.7	.22	.35	5	2.5	.09	6.6
411052	3.80	270.36	2.95	51.9	278	7.9	13.0	917	3.64	9.0	.5	59.7	1.7	287.4	.08	.53	.58	122	2.73	.132	6.5	5.8	1.21	157.6	.111	2	1.53	.052	.87	.8	7.3	.19	.17	<5	.4	.29	6.8
411053	.71	47.59	13.71	45.8	98	5.1	9.8	821	3.26	11.8	.5	22.9	1.8	503.1	.06	.72	.18	107	2.61	.126	6.4	4.0	1.02	111.1	.127	2	1.39	.059	.62	.7	6.3	.16	.09	<5	<.1	.08	6.4
411054	6.95	48.99	5.23	38.3	161	2.7	8.8	644	3.26	10.7	.6	77.4	2.1	210.9	.09	.57	.26	108	2.09	.129	5.8	4.7	.86	75.5	.124	2	1.20	.075	.28	1.5	4.6	.06	.09	5	.2	.21	5.5
STANDARD DS7	20.51	107.00	69.64	416.8	857	54.6	9.7	659	2.49	54.9	5.1	72.3	4.9	77.8	6.63	6.14	4.59	86	1.00	.082	14.6	180.5	1.10	381.2	.129	40	1.07	.086	.47	4.0	2.8	4.28	.21	199	3.6	1.03	5.3

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Geoinformatics Exploration PROJECT REDTON File # A606442 Page 1 (b)

304-700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Tony Worth

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.25	.1	.12	.46	43.1	.7	<.05	1.4	5.52	18.5	<.02	<1	.4	35.0	<10	<2	30	-
410398	.31	.1	.02	.05	4.7	.3	<.05	.4	1.59	1.4	.05	<1	<.1	8.1	85	13	30	4.7
410399	.23	.1	<.02	.05	2.7	.3	<.05	.2	2.13	2.2	.03	2	.1	12.2	50	13	30	4.5
410400	.36	<.1	<.02	.03	4.3	.5	<.05	.2	1.19	1.5	.03	5	.1	7.8	74	28	30	4.8
410401	.33	<.1	<.02	.03	2.6	.4	<.05	.2	2.12	2.8	.03	1	.1	10.7	68	17	30	5.8
410402	.35	.1	<.02	.02	2.2	.3	<.05	.2	1.75	2.4	.02	5	.1	12.0	31	12	30	5.6
410403	.30	<.1	<.02	.02	2.5	.3	<.05	.3	2.22	2.9	.04	24	.1	12.4	44	15	30	5.5
410404	.26	<.1	<.02	.04	2.8	.2	<.05	.1	.75	1.0	.04	2	.1	10.8	78	16	30	5.1
410405	.30	<.1	.02	.04	2.8	.3	<.05	.2	.89	1.1	.04	3	.1	10.6	80	20	30	5.9
410406	.16	<.1	<.02	.05	3.0	.5	<.05	.3	.94	1.1	.03	15	.1	8.0	102	18	30	5.6
410407	.28	<.1	<.02	.04	4.4	.3	<.05	.3	.94	1.0	.02	1	<.1	8.5	120	26	30	5.2
410408	.38	<.1	.07	.12	7.3	.3	<.05	1.7	5.08	8.6	.02	<1	.2	8.3	18	3	30	5.0
410409	.50	<.1	.08	.08	10.1	.3	<.05	2.2	7.22	11.8	<.02	<1	.2	6.9	<10	<2	30	5.3
410410 (pulp)	.30	<.1	.12	.15	3.8	1.6	<.05	3.5	7.16	11.9	.04	7	.3	2.2	<10	<2	30	-
410411	.80	<.1	.13	.17	10.1	.3	<.05	3.2	5.52	11.0	<.02	<1	.2	8.5	<10	<2	30	5.7
410412	.72	<.1	.13	.16	8.2	.3	<.05	3.3	5.16	10.6	<.02	<1	.2	8.5	<10	<2	30	3.4
410413	.78	<.1	.13	.19	12.2	.3	<.05	3.9	5.43	11.1	<.02	<1	.3	8.5	<10	<2	30	5.4
410414	.83	<.1	.12	.18	14.1	.3	<.05	3.5	4.46	9.0	<.02	<1	.3	7.6	<10	<2	30	5.5
410415	.56	<.1	.14	.20	8.5	.4	<.05	3.5	4.81	8.9	<.02	1	.3	7.3	<10	<2	30	5.9
410416	.29	<.1	.11	.21	6.8	.3	<.05	2.8	5.31	9.8	<.02	<1	.2	6.8	<10	<2	30	5.5
410417	.28	<.1	.07	.20	8.3	.3	<.05	2.2	4.35	7.7	<.02	1	.2	8.4	<10	2	30	5.7
410418	.16	<.1	<.02	.05	3.6	.1	<.05	.4	2.25	2.7	<.02	2	.1	10.8	28	<2	30	5.2
410419	.23	<.1	<.02	.02	7.4	.2	<.05	.4	2.98	4.0	<.02	2	.2	11.1	15	<2	30	5.5
410420 (pulp)	.54	<.1	.07	.13	7.5	3.0	<.05	2.4	6.18	8.9	.14	28	.3	1.9	<10	<2	30	-
410421	.17	<.1	.02	.04	3.4	.2	<.05	.4	2.48	2.7	<.02	1	<.1	12.2	12	<2	30	5.6
410422	.11	<.1	<.02	.07	2.4	.2	<.05	.3	2.12	1.9	.02	2	.1	8.7	103	6	30	5.2
410423	.19	<.1	<.02	.02	3.6	.2	<.05	.2	2.88	3.5	<.02	1	.1	11.9	45	7	30	5.7
410424	.31	<.1	<.02	.03	3.7	.2	<.05	.3	2.37	3.2	.03	5	.1	10.3	96	20	30	5.4
RE 410424	.30	<.1	<.02	.02	3.5	.2	<.05	.3	2.24	3.0	.03	4	.1	9.6	80	23	30	-
RRE 410424	.29	<.1	.02	.03	3.5	.1	<.05	.2	2.32	3.0	.03	4	.1	10.0	87	22	30	-
410425	.34	<.1	<.02	.04	4.3	.2	<.05	.3	1.64	2.0	<.02	2	.1	12.1	77	16	30	5.6
410426	.62	<.1	<.02	.03	4.9	.2	<.05	.2	1.82	2.8	.02	2	.1	11.0	83	16	30	6.1
410427	.91	<.1	.02	.02	4.8	.4	<.05	.8	1.79	2.5	.02	3	.1	5.5	87	23	30	6.2
410428	.31	<.1	<.02	.03	5.0	.2	<.05	.3	1.59	3.0	<.02	1	.1	5.8	33	14	30	5.1
410429	.21	<.1	<.02	.02	5.1	.2	<.05	.3	1.04	1.5	.02	1	.1	7.9	213	61	30	6.0
STANDARD DS7	6.29	.1	.12	.69	35.4	5.3	<.05	5.6	5.35	38.2	1.60	4	1.5	29.1	61	34	30	-

GROUP 1F30 - 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

10-30-06 P03:22 OUT

Data ___ FA ___ DATE RECEIVED: SEP 25 2006 DATE REPORT MAILED:................

BRITISH COLUMBIA CERTIFIED ASSAYER
Raymond Chan

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.39	.1	.11	.52	43.9	.6	<.05	1.4	5.91	17.6	.02	1	.3	33.8	<10	<2	30	-
410430	.29	<.1	<.02	.02	5.9	.3	<.05	.3	.88	.9	.02	6	.1	5.5	264	88	30	6.0
410431	.27	.1	<.02	.04	4.4	.6	<.05	.3	.94	1.5	<.02	2	.1	6.4	164	51	30	5.6
410432	.13	<.1	<.02	.03	2.7	.2	<.05	.1	.85	.7	<.02	2	<.1	7.4	158	37	30	6.0
410433	.09	<.1	<.02	.07	1.6	.2	<.05	.3	.83	.8	<.02	2	.1	6.6	88	14	30	4.9
410434	.13	<.1	.02	.07	2.5	.2	<.05	.3	1.37	1.4	<.02	1	<.1	6.6	35	7	30	5.8
410435	.18	<.1	.03	.04	3.5	.1	<.05	.6	1.96	2.1	<.02	5	.1	6.4	<10	<2	30	5.2
410436	.74	<.1	.06	.02	17.8	.4	<.05	1.8	4.95	11.8	.06	18	.3	6.0	<10	<2	30	4.5
410437	1.30	<.1	.05	.02	28.3	.3	<.05	1.3	6.22	13.1	.06	46	.5	8.4	<10	<2	30	4.5
410438	.98	.1	.04	.02	22.5	.3	<.05	1.4	5.83	11.1	.06	82	.3	9.1	<10	<2	30	5.0
410439	1.42	.1	.04	.02	24.9	.5	<.05	.7	9.54	10.4	.20	22	.8	22.4	<10	5	30	4.0
410440	.28	<.1	.17	.15	4.6	.3	<.05	2.5	4.71	15.1	<.02	<1	.2	3.8	<10	<2	30	.5
410441	.93	.1	.12	.03	19.3	.6	<.05	2.9	5.35	4.1	.04	4	.2	7.5	<10	6	30	4.5
410442	1.20	.2	.12	.02	23.0	.5	<.05	2.5	4.53	3.5	.04	67	.3	14.0	<10	9	30	3.3
410443	1.28	.1	.11	<.02	25.4	.4	<.05	2.8	3.13	2.3	.02	1	.1	11.4	<10	2	30	4.3
410444	1.61	.1	.12	.02	24.4	.5	<.05	2.2	6.47	4.7	.08	71	.7	16.9	<10	5	30	5.4
410445	1.74	.1	.09	.03	16.6	.5	<.05	1.4	8.64	8.4	.10	76	.4	16.1	<10	7	30	3.8
410446	1.53	.1	.05	.03	21.5	.3	<.05	1.0	13.45	16.5	.13	26	.7	22.4	14	6	30	4.7
410447	.93	.1	.04	.02	13.6	.3	<.05	.9	8.77	12.0	.11	14	.6	5.2	<10	3	30	5.0
410448	.68	<.1	.04	<.02	12.6	.4	<.05	1.2	6.67	14.1	.11	19	.7	3.7	<10	<2	30	5.0
410449	.45	.1	.03	<.02	9.5	.2	<.05	1.3	3.61	9.5	.06	66	.3	1.1	<10	<2	30	5.2
410450	1.08	<.1	.02	.02	15.5	.2	<.05	.7	9.18	12.7	.09	9	.7	2.9	<10	4	30	4.5
RE 410450	1.09	<.1	.02	<.02	15.7	.2	<.05	.7	9.21	12.5	.07	11	.7	2.5	12	3	30	-
RRE 410450	1.03	<.1	.02	<.02	16.1	.2	<.05	.7	9.01	12.1	.07	9	.6	2.8	<10	4	30	-
410451	2.71	.1	.07	<.02	22.0	.5	<.05	1.6	11.84	29.3	.09	4	.9	4.0	<10	5	30	5.5
410452	1.46	<.1	.05	.02	11.1	.6	<.05	1.4	10.96	11.4	.07	13	.8	5.1	<10	3	30	3.3
410453	4.87	.1	.08	.02	28.2	.9	<.05	1.7	13.32	19.6	.10	58	.9	4.2	<10	7	30	5.2
410454	4.17	.1	.04	.02	41.6	.8	<.05	1.2	12.19	15.4	.12	50	1.0	4.3	<10	5	30	5.1
410455	5.18	.1	.06	.02	45.4	.7	<.05	2.6	11.05	27.1	.07	198	.7	3.6	<10	3	30	2.3
410456	2.58	<.1	.26	.05	32.6	.4	<.05	7.8	8.56	53.7	.02	7	.6	3.9	<10	<2	30	4.5
410457	1.88	.1	.28	.04	25.6	.3	<.05	8.2	8.43	60.1	.02	3	.5	3.1	<10	<2	30	5.0
410458	1.68	<.1	.26	.04	22.0	.4	<.05	7.9	8.73	53.9	<.02	1	.5	2.3	<10	<2	30	5.0
410459	2.17	<.1	.21	.03	32.3	.5	<.05	7.1	8.63	54.5	.03	6	.5	2.6	<10	<2	30	5.7
410460 (pulp)	.29	.1	.11	.25	3.6	1.4	<.05	3.2	7.65	12.1	.05	7	.3	2.2	<10	<2	30	-
410461	4.34	.1	.05	<.02	57.5	.9	<.05	1.2	13.67	24.0	.08	291	.8	6.1	<10	4	30	4.6
STANDARD DS7	6.32	.1	.09	.66	34.5	5.3	<.05	5.5	5.05	37.4	1.60	5	1.7	29.0	62	33	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL

Geoinformatics Exploration PROJECT REDTON FILE # A606442

ACME ANALYTICAL

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.13	<.1	.10	.34	42.6	.7	<.05	1.3	5.39	16.9	.02	<1	.3	32.3	<10	<2	30	-
410462	5.07	.1	.02	.03	69.1	.6	<.05	.8	8.28	18.2	.06	21	1.0	10.8	<10	4	30	4.70
410463	2.92	.1	.03	.02	43.1	.7	<.05	1.0	7.86	12.8	.06	190	.6	11.4	<10	3	30	4.30
410464	1.79	.1	.04	.02	31.0	.4	<.05	1.3	6.38	9.0	.03	43	.6	9.3	<10	4	30	5.70
410465	2.33	.1	.03	.03	40.1	.5	<.05	1.3	5.26	8.1	.03	81	.5	10.2	<10	3	30	5.00
410466	2.46	.2	.07	.02	40.0	.9	<.05	1.4	7.16	11.3	.07	164	.6	16.5	<10	4	30	2.70
410467	1.68	.1	.06	.04	30.5	.4	<.05	1.5	4.95	7.9	.05	154	.4	12.7	<10	4	30	5.20
410468	2.00	.1	.08	.05	42.1	.4	<.05	1.5	4.17	6.5	.03	31	.2	14.2	<10	5	30	4.90
410469	1.97	.2	.07	.05	41.4	.4	<.05	1.5	3.98	5.3	.03	78	.5	13.5	<10	5	30	5.10
410470	3.41	.3	.07	.04	56.0	.5	<.05	1.3	4.17	6.9	.06	114	.5	13.0	<10	4	30	5.20
410471	1.97	.2	.05	.03	35.8	.7	<.05	1.3	6.16	10.6	.07	136	.4	14.2	<10	4	30	4.10
410472	1.99	.2	.06	.03	41.9	.8	<.05	1.5	5.11	8.6	.07	218	.4	14.6	<10	5	30	5.50
410473	4.86	.2	.07	.05	87.2	.7	<.05	1.1	5.02	6.9	.10	72	.5	16.0	<10	4	30	4.70
410474	4.67	.2	.05	.02	78.7	.8	<.05	1.0	8.90	13.3	.06	78	.7	14.0	<10	3	30	5.20
410475	3.05	.2	.07	.04	59.2	.6	<.05	1.5	7.55	10.4	.06	68	.6	13.6	<10	3	30	5.10
RE 410475	3.00	.2	.08	.04	60.5	.5	<.05	1.4	7.50	10.2	.06	66	.6	12.9	<10	6	30	-
RRE 410475	2.91	.2	.07	.03	57.6	.6	<.05	1.3	7.02	9.3	.05	57	.5	13.1	<10	5	30	-
410476	2.55	.2	.08	.05	56.0	.6	<.05	1.4	5.45	8.6	.08	16	.4	14.2	<10	3	30	2.30
410477	5.26	.3	.05	.04	101.7	.9	<.05	.9	6.40	8.5	.06	303	.7	16.2	<10	7	30	2.90
410478	5.62	.2	.05	.04	98.3	.8	<.05	1.1	6.31	8.6	.06	59	.5	16.4	<10	6	30	2.80
410479	6.36	.3	.05	.03	109.9	.9	<.05	.7	5.35	7.0	.07	176	.5	15.2	<10	4	30	2.80
410480 (pulp)	.56	.1	.06	.11	7.2	2.9	<.05	2.4	6.07	8.7	.13	31	.2	1.8	<10	<2	30	-
410481	2.60	.3	.03	.02	43.0	.6	<.05	.5	7.83	12.5	.10	192	.5	16.3	<10	3	30	2.30
410482	2.73	.1	.03	.02	40.2	.5	<.05	.7	7.67	14.2	.12	141	.5	12.1	<10	4	30	6.30
410483	2.94	.1	.05	.02	43.4	.5	<.05	.9	8.35	12.7	.07	45	.6	9.4	<10	2	30	4.70
410484	1.46	.1	.07	.04	25.2	.4	<.05	1.4	4.65	7.5	.04	16	.4	10.1	<10	3	30	5.40
410485	1.38	.1	.07	.06	32.6	.3	<.05	1.3	5.09	8.3	.03	9	.4	11.2	<10	5	30	2.90
410486	2.73	.2	.05	.05	48.9	.5	<.05	1.2	5.21	7.6	.05	17	.3	12.0	<10	5	30	5.10
410487	1.41	.2	.07	.05	26.6	.5	<.05	1.0	5.30	7.6	.06	15	.4	17.2	<10	5	30	5.00
410488	4.16	.3	.06	.05	73.8	.6	<.05	1.0	5.42	7.8	.04	8	.8	15.4	13	3	30	5.00
410489	5.45	.2	.03	.03	101.6	.6	<.05	.6	6.43	9.4	.06	14	.6	16.3	<10	3	30	2.20
410490	1.72	.1	.09	.07	35.7	.4	<.05	3.6	7.28	11.1	.02	2	.2	6.8	<10	<2	30	4.90
410491	.80	.1	.12	.08	20.6	.5	<.05	4.0	5.76	11.5	.02	1	.1	6.3	<10	<2	30	4.50
410492	.74	<.1	.11	.08	15.6	.3	<.05	3.7	5.95	10.6	<.02	1	.2	5.0	<10	<2	30	5.00
410493	.97	.1	.14	.08	22.0	.4	<.05	3.6	5.82	10.9	.02	2	.2	5.9	<10	<2	30	4.80
STANDARD DS7	6.33	.1	.11	.76	34.7	5.2	<.05	5.4	5.33	38.2	1.59	3	1.7	28.4	51	35	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.17	.1	.11	.40	42.8	.7	<.05	1.4	5.42	17.0	.02	1	.2	34.4	<10	<2	30	-
410494	.34	<.1	.13	.08	8.4	.4	<.05	3.4	6.37	12.4	.03	6	.2	7.3	<10	<2	30	5.0
410495	.67	.1	.13	.09	14.1	.4	<.05	3.2	6.04	10.8	.03	5	.3	8.3	<10	<2	30	5.2
410496	2.05	.1	.08	.05	35.0	.5	<.05	1.5	4.71	6.0	.04	73	.3	13.6	<10	5	30	4.1
410497	2.93	.1	.08	.03	55.0	.5	<.05	2.0	7.39	10.0	.03	64	.3	10.7	<10	3	30	5.6
410498	.83	<.1	.10	.02	11.0	.2	<.05	3.4	11.14	17.3	.02	2	.4	4.1	<10	<2	30	5.0
410499	3.36	<.1	.07	<.02	27.4	.4	<.05	2.6	7.83	17.4	.06	5	.7	2.5	<10	2	30	4.8
410500	.33	<.1	.17	.16	4.7	.3	<.05	2.6	4.51	15.7	<.02	1	.3	3.4	<10	<2	30	.5
411001	1.83	.1	.12	.03	29.1	.5	<.05	3.4	9.89	15.3	.04	23	.4	7.2	<10	<2	30	4.9
411002	2.53	.2	.12	.04	58.8	.5	<.05	2.9	5.80	8.0	.03	26	.3	12.0	<10	<2	30	4.9
411003	2.66	.2	.06	.07	47.8	.4	<.05	1.3	6.01	7.7	.04	9	.6	18.8	<10	6	30	5.0
411004	1.07	.1	.09	.06	35.0	.3	<.05	2.2	5.64	7.5	.02	2	.2	13.8	<10	<2	30	4.7
411005	1.81	.1	.09	.05	38.4	.5	<.05	2.7	8.11	11.7	.03	7	.3	13.5	<10	3	30	5.0
411006	1.82	.1	.06	.05	41.3	.4	<.05	1.5	4.24	5.6	.02	59	.3	16.2	<10	6	30	5.0
RE 411006	1.87	.1	.06	.05	42.1	.3	<.05	1.6	4.47	6.0	.02	63	.3	16.5	<10	6	30	-
RRE 411006	1.87	.2	.07	.05	42.3	.4	<.05	1.6	4.57	6.2	.02	45	.4	15.6	<10	6	30	-
411007	1.00	.1	.05	.05	27.7	.3	<.05	1.1	4.11	6.1	.02	12	.1	13.0	<10	6	30	5.3
411008	4.26	.2	.07	.06	82.3	.5	<.05	1.1	6.03	7.7	.04	22	.6	21.9	<10	7	30	5.2
411009	4.34	.2	.07	.05	72.1	.7	<.05	1.4	5.78	8.1	.05	23	.5	15.9	<10	5	30	5.0
411010	1.83	.1	.08	.04	34.6	.5	<.05	2.7	8.79	13.1	.03	1	.4	9.8	<10	<2	30	5.0
411011	1.16	<.1	.13	.06	25.2	.3	<.05	4.0	7.88	13.2	.02	1	.3	9.5	<10	<2	30	5.0
411012	1.55	.1	.09	.03	32.2	.3	<.05	3.4	10.34	21.0	.03	2	.4	9.4	<10	<2	30	5.5
411013	1.73	.1	.09	.02	29.3	.3	<.05	3.9	9.89	22.3	.03	1	.4	5.1	<10	<2	30	5.5
411014	2.18	<.1	.10	.02	36.4	.2	<.05	4.0	9.33	24.0	.03	2	.6	4.3	<10	2	30	5.3
411015	2.06	.1	.10	<.02	31.5	.4	<.05	3.8	10.33	23.1	.03	<1	.4	3.6	<10	<2	30	4.7
411016	1.24	<.1	.11	.02	24.3	.3	<.05	3.7	9.67	21.1	.03	<1	.5	2.6	<10	<2	30	5.2
411017	1.00	<.1	.07	<.02	19.1	.3	<.05	2.9	9.70	39.9	.04	15	.5	2.1	<10	<2	30	4.8
411018	1.62	.1	.11	<.02	25.4	.4	<.05	3.8	9.28	22.6	.05	7	.5	3.1	<10	<2	30	4.7
411019	1.75	<.1	.10	<.02	17.6	.5	<.05	3.7	11.65	23.4	.04	7	.5	2.8	<10	<2	30	4.7
411020 (pulp)	.68	.1	.02	.12	9.4	1.2	<.05	.8	3.90	5.6	.14	12	.2	.9	<10	2	30	-
411021	1.97	.1	.10	.02	16.7	.3	<.05	3.0	10.25	21.3	.04	4	.4	2.5	<10	<2	30	5.0
411022	1.03	<.1	.05	<.02	14.5	.1	<.05	2.5	6.76	17.1	.03	2	.3	.9	<10	<2	30	5.2
411023	1.78	<.1	.03	.02	18.4	.2	<.05	1.7	5.63	12.6	.04	10	.4	2.1	<10	3	30	5.4
411024	2.56	.2	.03	.03	41.5	.4	<.05	1.2	7.72	12.7	.06	15	.6	10.4	<10	5	30	5.0
411025	1.58	.1	.06	.04	23.5	.4	<.05	1.2	7.11	11.4	.08	243	.5	12.6	<10	4	30	5.3
STANDARD DS7	6.40	.1	.13	.72	35.3	5.3	<.05	5.6	5.40	38.5	1.62	5	1.6	28.7	51	37	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Cs ppm	Ge ppm	Hf ppm	Nb ppm	Rb ppm	Sn ppm	Ta ppm	Zr ppm	Y ppm	Ce ppm	In ppm	Re ppb	Be ppm	Li ppm	Pd ppb	Pt ppb	Sample gm	Total kg
G-1	3.00	.1	.11	.63	36.6	.7	<.05	1.5	6.03	18.3	.02	2	.4	27.6	<10	<2	30	-
411026	1.76	.1	.05	.06	44.7	.9	<.05	1.1	6.97	9.2	.30	620	.5	10.1	<10	3	30	5.2
411027	1.72	.1	.02	.05	42.2	.8	<.05	.8	5.96	8.8	.09	124	.7	8.6	<10	4	30	5.2
411028	2.44	.1	.05	.03	39.0	.5	<.05	1.1	5.70	8.6	.05	47	.4	6.8	<10	5	30	3.0
411029	3.08	<.1	.09	.02	29.6	.2	<.05	3.2	7.20	15.2	.04	5	.4	2.5	<10	<2	30	4.3
411030	3.04	<.1	.09	.05	29.5	3.9	<.05	3.5	7.26	18.7	.04	2	.5	3.6	<10	<2	30	5.5
411031	1.25	<.1	.11	.07	23.4	1.0	<.05	3.8	7.19	11.3	.03	1	.3	5.5	<10	<2	30	5.2
411032	1.66	.1	.14	.05	31.6	.4	<.05	4.3	8.75	12.4	.03	2	.3	7.3	<10	<2	30	5.2
411033	2.03	.1	.10	.03	29.4	.4	<.05	3.2	8.49	12.3	.03	1	.5	5.5	<10	<2	30	4.8
411034	3.35	<.1	.09	.02	26.2	.4	<.05	3.3	8.38	16.4	.03	2	.4	4.2	<10	2	30	4.5
411035	4.63	.1	.09	.02	34.3	.5	<.05	3.7	10.07	19.5	.06	2	.5	3.5	<10	<2	30	4.8
411036	2.52	.1	.14	<.02	24.4	.5	<.05	4.0	10.91	21.4	.06	2	.4	2.6	<10	<2	30	3.8
411037	2.90	<.1	.09	<.02	22.8	.3	<.05	3.2	7.60	14.7	.04	28	.5	2.1	<10	2	30	4.8
411038	4.02	.1	<.02	<.02	25.8	.2	<.05	.3	4.21	8.7	.07	67	.4	.9	<10	5	30	5.1
411039	3.25	<.1	<.02	<.02	24.3	.4	<.05	.4	4.83	9.5	.06	176	.5	.9	<10	5	30	5.2
411040 (pulp)	.64	.1	.08	.12	7.9	2.6	<.05	2.6	5.74	8.4	.14	34	.2	2.0	<10	<2	30	-
411041	5.06	<.1	<.02	<.02	25.8	.4	<.05	.4	5.99	11.5	.06	227	.7	1.4	<10	3	30	5.5
RE 411041	5.36	.1	<.02	<.02	27.7	.6	<.05	.5	6.24	11.8	.05	222	.8	1.5	<10	6	30	-
RRE 411041	5.31	.1	<.02	<.02	26.3	.2	<.05	.4	6.14	12.9	.07	254	.8	1.4	<10	7	30	-
411042	6.48	.1	.03	<.02	39.6	.2	<.05	.7	6.84	13.8	.08	361	.8	2.5	<10	4	30	4.7
411043	4.80	<.1	.03	<.02	54.8	.4	<.05	1.0	7.08	11.1	.09	74	.7	3.2	<10	6	30	4.9
411044	4.41	.1	.03	<.02	46.6	1.1	<.05	.8	8.31	13.4	.10	13	1.0	3.7	20	6	30	4.7
411045	2.19	.1	.10	<.02	20.5	.7	<.05	2.6	6.46	6.0	.06	3	.3	7.9	22	11	30	5.5
411046	1.64	.2	.11	<.02	9.2	.8	<.05	2.7	8.42	8.4	.09	18	.6	6.3	<10	26	30	5.1
411047	3.12	.1	.05	.02	27.8	.4	<.05	1.4	6.17	8.2	.07	15	.5	4.4	11	8	30	4.9
411048	2.06	.1	.04	.02	28.1	.6	<.05	.8	5.33	7.4	.06	326	.4	13.2	<10	4	30	2.5
411049	1.67	.1	.04	.02	29.0	.4	<.05	1.1	3.65	5.2	.04	13	.5	11.6	<10	6	30	5.0
411050	1.36	.1	.04	.04	27.1	.7	<.05	1.1	4.37	5.9	.06	17	.3	11.2	<10	3	30	2.1
411051	2.11	.1	.05	.02	44.4	.7	<.05	1.4	5.23	8.4	.05	36	.3	8.7	<10	2	30	2.8
411052	2.29	.1	.11	.03	37.2	.6	<.05	3.7	8.66	15.3	.04	4	.4	7.9	<10	<2	30	5.4
411053	2.01	.1	.11	.05	28.8	.7	<.05	3.8	6.97	16.3	.04	<1	.3	5.6	<10	<2	30	5.0
411054	.78	.1	.13	.09	12.0	.7	<.05	3.8	7.31	13.0	.02	1	.3	5.1	<10	2	30	5.0
STANDARD DS7	6.50	<.1	.13	.86	36.2	5.4	<.05	5.7	5.99	38.0	1.64	5	1.8	29.2	48	35	30	-

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data____ FA ____

Appendix 4: Statement of costs (Expenditures and Assessment Data)

Takla - Redton, Kliyul and Mesilinka Projects 2006 Assessment Report Statement of Costs

2006 BC Projects Expenditures (Dec/ 2005 - Nov/2006)

	Redton	Kliyul	Mesilinka	Blackjack	Blackwater	Total Expend.	Usable for Assess.	Redton Assess.	Kliyul Assess.	Mesilinka Assess.	Total Assess.
Office Charges (Perth & Vanc)											
Administration (Vancouver)	42,852	6,300	6,000			55,152					-
Office costs (Vancouver)	306	170	110			586					-
Perth geoscience	429,077	61,226	158,469	1,187	678	650,637	648,773	429,077	61,226	158,469	648,773
Perth travel expenses	18,596	1,684	14,342			34,622					-
						-					-
						-					-
						-					-
Total	490,831	69,381	178,921	1,187	678	740,998	648,773	429,077	61,226	158,469	648,773
Field Costs - Direct											
Administration labour	31,441	700				32,141	32,141	22,499	4,821	4,821	32,141
Geology labour	65,388	2,042				67,430	67,430	47,201	10,114	10,114	67,430
Geochemistry labour	80,861		4,100			84,961	84,961	59,473	12,744	12,744	84,961
Geophysics labour	840	696				1,536	1,536	1,536			1,536
Data acquisition	7,244	1,450	5,088			13,782	13,782	7,244	1,450	5,088	13,782
Diamond Drilling (contractor charges)	602,253	95,329				697,582	697,582	544,114	153,468		697,582
Drilling supplies	54,214					54,214	54,214	42,287	11,927		54,214
Equipment & supplies (field)	21,052	451				21,504	21,504	17,203	2,150	2,150	21,504
Field rentals	3,883					3,883	3,883	3,262	621		3,883
Assays (core)	46,462					46,462	46,462	39,028	7,434		46,462
Assays (rock, soil, silt)	34,490		3,415			37,905	37,905	23,501	1,516	12,888	37,905
First aid & Safety	4,361	466				4,827	4,827	3,861	483	483	4,827
						-	-				-
Total	952,489	101,134	12,603	-	-	1,066,226	1,066,226	811,208	206,729	48,288	1,066,226
Field Costs - Camp											
Camp construction (labour)	62,454	236				62,690	62,690	50,152	6,269	6,269	62,690
Camp maintence (labour)	23,218					23,218	23,218	18,574	2,322	2,322	23,218
Cooking (labour)	116,141					116,141	116,141	92,913	11,614	11,614	116,141
Accommodation	7,494					7,494	7,494	5,995	749	749	7,494
Food	57,668	1,120				58,787	58,787	47,030	5,879	5,879	58,787
Camp equipment	94,191	20,988				115,179	115,179	80,625	23,036	11,518	115,179
Camp supplies	34,837					34,837	34,837	27,870	3,484	3,484	34,837
Camp fuel	13,926					13,926	13,926	11,141	1,393	1,393	13,926
Camp rentals	39,563					39,563	39,563	31,651	3,956	3,956	39,563
Communications	18,488					18,488	18,488	14,790	1,849	1,849	18,488
Expedting	44,729					44,729	44,729	35,784	4,473	4,473	44,729
						-	-	-			-
						-					-
Total	512,709	22,343	-	-	-	535,052	535,052	416,524	65,023	53,505	535,052
Field Costs - Transport											
Travel time (wages)	425		700			1,125	1,125	900	113	113	1,125
Air fares	28,843					28,843	28,843	23,074	2,884	2,884	28,843
Travel accommodation & meals	17,701		8			17,710	17,710	14,168	1,771	1,771	17,710
Helicopter charter	312,553	84,680	60,059			457,292	457,292	312,553	84,680	60,059	457,292
Fixed Wing charter	27,128					27,128	27,128	21,702	2,713	2,713	27,128
Ground transport	44,712					44,712	44,712	31,299	8,942	4,471	44,712
Equipment & supplies	1,214					1,214	1,214	971	121	121	1,214
Freight	25,856	2,287				28,143	28,143	19,700	5,629	2,814	28,143
Expediting	150,794					150,794	150,794	105,555	30,159	15,079	150,794
						-	-				-
Total	609,226	86,967	60,767	-	-	756,960	756,960	529,922	137,012	90,025	756,960
Field Miscellaneous											
Land acquisition, maintenance (labour)	2,100	2,592	9,100			13,792					
Staking fees	7,583	3,240	41,517		1,983	54,323					
Permitting, environmental & reclamation	3,051	700	1,484			5,235					
Aboriginal affairs						-					
Miscellaneous	60					60					
Total	12,794	6,532	52,101	-	1,983	73,410	-	# -	-	-	
Miscellaneous											
Legal fees						-					
Assessment fees	45,503					45,503					
Option payments	100,000					100,000					
Accounting, bank fees	8,343					8,343					
						-					
Total	153,846	-	-	-	-	153,846	-	-	-	-	
Project Total	**2,731,895**	**286,356**	**304,392**	**1,187**	**2,662**	**3,326,492**	**3,007,010**	**2,186,731**	**469,991**	**350,289**	**3,007,011**

Takla Redton Project - 2006 Labour (days)

Person	Affiliation	May	Jun	Jul	Aug	Sep	Oct	Total
Tonny Worth	**Geoinformatics**		17	15	31	24	6	**93**
John Mair	**Geoinformatics**		3	31	25	25	4	**88**
Tom Marshall	**Geoinformatics**		17	31	19	25	4	**96**
McLean Trott	**Geoinformatics**		17	31	19	23		**90**
Darryn Hitchcock	**Geoinformatics**		17	25	30	24	2	**98**
Gemma Cryan	**Geoinformatics**		11	28	31	25	2	**97**
Robin McQuinn	**Geoinformatics**			27	25	30	2	**84**
Rod Kirkham	**Geoinformatics**		15					**15**
Nick Archibald	**Geoinformatics**			3		3		**6**
Gerry Bidwell	**Geoinformatics**		5	3		3		**11**
Rob Stuart	**Geoinformatics**				6			**6**
Mark Stewart	**Geoinformatics**					3		**3**
Jennifer MacLaughlan	**Geoinformatics**			7				**7**
Steve Garwin	**Geoinformatics**			7				**7**
Paul MacDonald	**Minconsult Mineral Expl**	3	30	10	31	24	6	**104**
Chris Wolverton	**Minconsult Mineral Expl**	3	30	23	22	29	5	**112**
Tim Pynn	**Minconsult Mineral Expl**	3	30	31				**64**
Adrian	**Minconsult Mineral Expl**	3	20					**23**
	Minconsult Mineral Expl	3	13					**16**
Erica Austin	**Minconsult Mineral Expl**		15	24	30			**69**
Bart Sam	**Minconsult Mineral Expl**		5	31	13	28	5	**82**
Henry Prince	**Minconsult Mineral Expl**		5	10				**15**
Richard Greenwood	**Minconsult Mineral Expl**		6					**6**
Derek Monk	**Minconsult Mineral Expl**					20		**20**
Kevin Bazil	**Minconsult Mineral Expl**					26	6	**32**
Bernard Haskell	**Minconsult Mineral Expl**			14	28	8		**50**
Richard MacDonald	**Minconsult Mineral Expl**		6			21	6	**33**
Aaron Clarke	**Minconsult Mineral Expl**		6					**6**
Steve Toki	**Minconsult Mineral Expl**			22				**22**
Will Elliot	**Nugget Expediting**		17	31	12	30	4	**94**
Camille Elliot	**Nugget Expediting**		15	31	12	30	2	**90**
Sandy	**Nugget Expediting**				30	6		**36**
Dan Hill	**Full Force Drilling**		3					**3**
Josh Hill	**Full Force Drilling**		3	31	18	30	2	**84**
Miles Jecowsky	**Full Force Drilling**			31	18	30	2	**81**
Jessie Maxon	**Full Force Drilling**		3	31	18	30	2	**84**
Tom Hill	**Full Force Drilling**		3	31	18	30	2	**84**
helicopter pilot	**Interior Helicopters**	3	30	31	31	30	3	**128**
	Total	**18**	**342**	**590**	**467**	**557**	**65**	**2039**

Of the 2039 total mandays worked out of the Redton camp the project distribution is

Redton	**1668**	**days**
Kliyul	**209**	**days**
Mesilinka	**162**	**days**
Total	**2039**	**days**

Kliyul - Mesilinka Assessment 2006 Work (applied Feb/07)

Property	Block	Date	No. of Claims	Event No.	Work Amount Used	Assessment Required	PAC	Fees
Kliyul	Block 1	16-Feb-07	40	4133112	100,000.00	46,938.87	53,061.13	4,706.74
Kliyul	Block 1a	21-Feb-07	47	4133956	60,000.00	4,580.87	55,419.13	229.67
Kliyul	Block 2	15-Feb-07	62	4132905	150,000.00	70,042.37	79,957.63	6,995.06
Kliyul	Block 3	16-Feb-07	51	4133031	150,000.00	56,450.65	93,549.35	5,647.80
Total					**460,000.00**	**178,012.76**	**281,987.24**	**17,579.27**
Mesilinka	Block 4	16-Feb-07	60	4133170	80,000.00	73,754.26	6,245.74	7,393.53
Mesilinka	Block 5	20-Feb-07	37	4133736	80,000.00	33,638.34	46,361.66	3,372.25
Mesilinka	Block 6	20-Feb-07	4	4133739	8,000.00	5,011.87	2,988.13	502.56
Mesilinka	Block 7	20-Feb-07	48	4133750	62,000.00	60,176.70	1,823.30	6,034.16
Mesilinka	Block 8	20-Feb-07	16	4133742	9,000.00	8,507.55	492.45	853.09
Mesilinka	Block 9	20-Feb-07	9	4133748	5,000.00	4,798.99	201.01	481.21
Mesilinka	Block 10	26-Feb-07	8	4134630	3,000.00	2,016.31	983.69	202.05
Total					**247,000.00**	**187,904.02**	**59,095.98**	**18,838.85**
Kliyul-Mesilinka Total					**707,000.00**	**365,916.78**	**341,083.22**	**36,418.12**