Assessment Report on the 2011 Trenching, Diamond Drilling and Soil Sampling Program

Etzel Property
Whitehorse Mining District, Yukon Territory

ETZEL 1 - 50 (YA86336 – YA86385)

Located at
Latitude 62° 7.057' N, Longitude 137° 11.706' W
NTS Mapsheet 115I/03

Prepared for:

Great Bear Resources Ltd.
Suite 302
750 West Pender Street
Vancouver, B.C., V6C 2T7

Prepared By:

Peter Dadson, B.Sc., P.Geol.
Chris Amy, B.Sc.
Coast Mountain Geological Ltd.
Suite 620 – 650 West Georgia St.
Vancouver, B.C. V6B 4N9

April 25, 2012

Table of Contents

1.0	Summary	1
2.0	Property Description and Location	3
3.0	Accessibility and Infrastructure	3
4.0	Physiography and Climate	4
5.0	Exploration History	4
6.0	Historical Reserves and Resources	9
7.0	Regional Geological Setting	9
8.0	Property Geology	11
9.0	2011 Exploration Program	12
	9.1 Personnel and Program Chronology	12
10.0	QA/QC Methodology	12
	10.1 Analytical Procedures	12
11.0	Diamond Drill Program	13
	11.1 DDH ET11-01	14
	11.2 DDH ET11-02	14
	11.3 DDH ET11-03	14
12.0	2011 Trenching Summary and Protocol	15
	12.1 Trenching Exploration Procedure	15
	12.2 Trenching Summary and Results	15
	12.3 Reclamation Work	16
13.0	2011 Soil Sampling Survey	17
	13.1 Gold	17
	13.2 Bismuth	18
	13.3 Molybdenum	18
	13.4 Zinc	19
	13.5 Antimony	19
	13.6 Silver	19
	13.7 Copper	20
	13.8 Lead	20
14.0	Interpretation and Conclusions	21
15.0	Recommendations	22
16.0	Expenditures and Proposed Budget	22
17.0	Statements of Qualifications	24
18.0	Bibliography and References	26

Appendices

Appendix 1	Expenditures
Appendix 2	Personnel
Appendix 3	Trench Logs and Maps
Appendix 4	Trench Assay Certificates
Appendix 5	Diamond Drill Logs and Sections
Appendix 6	Diamond Drill Assay Certificates
Appendix 7	Soil Sample Sheets

Appendix 8 **Soil Assay Certificates**
Appendix 9 **Laboratory Methodology**

List of Figures

Figure 1 **Etzel Property: Location**
Figure 2 **Etzel Property: Claims**
Figure 3 **Regional Geological Setting**
Figure 4 **Property Geology**
Figure 5 **2011 Exploration Program**
Figure 6 **Soil Survey: Sample Location**
Figure 7 **Soil Survey: Gold Contours and Trends**
Figure 8 **Soil Survey Thematic Map: Bi**
Figure 9 **Soil Survey Thematic Map: Mo**
Figure 10 **Soil Survey Thematic Map: Zn**
Figure 11 **Soil Survey Thematic Map: Sb**
Figure 12 **Soil Survey Thematic Map: Ag**
Figure 13 **Soil Survey Thematic Map: Cu**
Figure 14 **Soil Survey Thematic Map: Pb**
Figure 15 **Interpretation**

List of Tables

Table 1 **Etzel Property, Claims List**
Table 2 **Summary of the Etzel Drill Holes**
Table 3 **Summary of 2011 Drill Results**
Table 4 **Trench Statistics**
Table 5 **Summary of Selective 2011 Sampling**
Table 6 **Preliminary Proposed Budget**

1.0 Summary

The Etzel Property is located in the Mount Nansen area of the west-central Yukon Territory, Canada, approximately 60 kilometers west of the town of Carmacks. The property is accessible by an all-weather gravel road from Carmacks and consists of 50 full or fractional quartz mining claims that comprise a total area of 1060 hectares.

The region lies within the Tintina Gold Belt, a 200 kilometer wide by 1,200 kilometer-long trend of mid- to Late Cretaceous granitoid intrusions (diorite, granodiorite, quartz monzonite, syenite) extending from central Alaska, across central Yukon, to the Yukon-British Columbia border, roughly parallel to the ancient North America craton boundary. The Tintina Gold Belt includes several significant gold deposits, including Pogo, Fort Knox, True North, Donlin Creek and Shotgun.

The Mount Nansen area is underlain by metamorphosed intrusive, sedimentary and volcanic rocks of the Dawson Range of the Yukon-Tanana geologic terrane. These rocks are intruded by Early Cretaceous felsic plutonic rocks and overlain by mid-Cretaceous Mount Nansen mafic to intermediate volcanic rocks and related sub-volcanic feldspar porphyry dykes and plugs.

Placer gold was originally discovered on Nansen Creek in 1899. The first lode gold discovery was made by prospectors Brown and McDade in 1943 on what became the Brown-McDade mine in the 1960's. Work began on the Etzel Property in the 1980's with bulldozer trenching, geological mapping and soil sampling by various operators. Since then exploration has been sporadic. In 2011, the property was obtained by Great Bear Resources Ltd. and they performed 696.17 m of diamond drilling in three holes, 255.70 m of excavator trenching and collected 478 soil samples.

Results from the 2011 program indicated sulphide and gold mineralization associated with intense clay alteration and fracturing within granodiorite from the drilling and trenching. Soil sampling indicated numerous gold anomalies and trends some of which are the continuation of the mineralization on the adjoining Klaza Property held by Rockhaven Resources Ltd. In addition the Cu and Mo values have outlined several anomalies with Cu-Mo porphyry affinities.

Program results have formulated the following conclusions:

1. The area of interest is underlain by granodiorite that has been fractured, altered and mineralized primarily with pyrite but also sphalerite as disseminations or in veins.

2. Mt. Nanson volcanics outcrop to the N and NE and therefore the mineralization occurs at or near the contact between these rocks and the granodiorite.

3. The soil data for gold has defined numerous anomalies >100 ppb Au.

4. The soil data has also outlined late offsets of the underlying rocks and mineralization through abrupt terminations in the data trends.

5. The various mineralized zones from the Klaza Property continue onto the Etzel claims although further definition is required.

6. There appears to be a change in the soil anomaly trend at the SE boundary of the property at the ends of Lines 11 and 12 and this may be due to late quartz feldspar dykes or syenite dykes shown on the Pearl Resources geological maps.

7. The style of mineralization and the accompanying alteration pattern seems to support an epithermal origin for the gold mineralization.

8. The Cu and Mo soil data has a close correspondence and may be related to narrow quartz-feldspar dykes/intrusives that host quartz-sulphide veins on the neighbouring Klaza Property.

9. Lead soil data closely mimics the gold results and suggests a close relationship and probably a common source.

10. In comparison to the 1986 soil sampling (not presented) which had some minor overlaps, the elemental values in general from the 2011 are significantly higher.

Leading from these conclusions are the following recommendations:

1. Compilation of historical data should be continued especially for the development of a geological outcrop map and the soils collected to the north of the transecting road.

2. Check geological mapping including rock sampling should be undertaken in conjunction with prospecting and continued synthesis of all data.

3. Excavator trenching should be expanded to areas having anomalous soil anomalies and particularly to further define the main mineralized zones from the adjoining Klaza property.

4. All trenches should be mapped and systematically sampled.

5. A minimum 2000 m diamond drill program should be completed on new targets before the conclusion of the next exploration program.

The claimed expenditures on the Etzel property during the 2011 field season are $600,779.88 derived from monies spent on drilling, trenching, soil sampling and reclamation/mob/demob operations.

A preliminary budget of $1,020,000 is presented as a base for discussions in 2012.

2.0 Property Description and Location

The Etzel Project, Figure 1, is located within the Whitehorse Mining District on NTS mapsheet 115I/03. The claim block consists of 50 full or fractional quartz mining claims (see Table 1 and Figure 2) for a total of 1060 hectares centred at approximately N 62° 7.057'/W 137° 11.706'. The claims are contiguous but form an irregular shape due to earlier generations of claim staking.

The Mt. Nansen area is part of the traditional territory of the Little Salmon/Carmacks First Nation. Certain aboriginal rights extend over all territory lands and are guaranteed by the Canadian Constitution. All of the property lies on crown land and management is the responsibility of the Yukon territorial government.

Future development of the Etzel Project will require consultation with the Little Salmon/Carmacks First Nation to ensure constitutionally-protected aboriginal rights are not infringed and to ensure management of settlement land meets the terms and conditions of the final agreement. Channels of communication have previously been established by CMG. The Little Salmon/Carmacks First Nation administration office is located in Carmacks.

3.0 Accessibility and Infrastructure

The Etzel Property is located within the prolific Tintina Gold belt and, locally, the Mt. Nansen Mining Camp, one of the oldest gold mining camps in the Yukon Territory. The property is situated approximately 180 km northwest of Whitehorse and 60 km west of the village of Carmacks. From Whitehorse, the property is accessed via the Klondike Highway to Carmacks. The Mt. Nansen Mine Road runs from Carmacks to the property. It is an all weather year round road that is maintained by the Territorial Government up to the past producing Brown-McDade Mine. A comprehensive network of mining roads services the property as well as the adjacent properties and active placer operations.

The village of Carmacks has a population of approximately 600 citizens. Amenities are limited but include lodging, fuel, mechanical service and a grocery store. There is a limited pool of skilled labour, such as mechanics and electricians and somewhat larger pool of willing unskilled labour. Carmacks is also home to the Little Salmon/Carmacks First Nation. Whitehorse is a full service community with all the amenities necessary to service an advanced stage exploration or mining project. It also has a work-force amenable to exploration and its international airport has daily air service to Vancouver, Edmonton and Calgary.

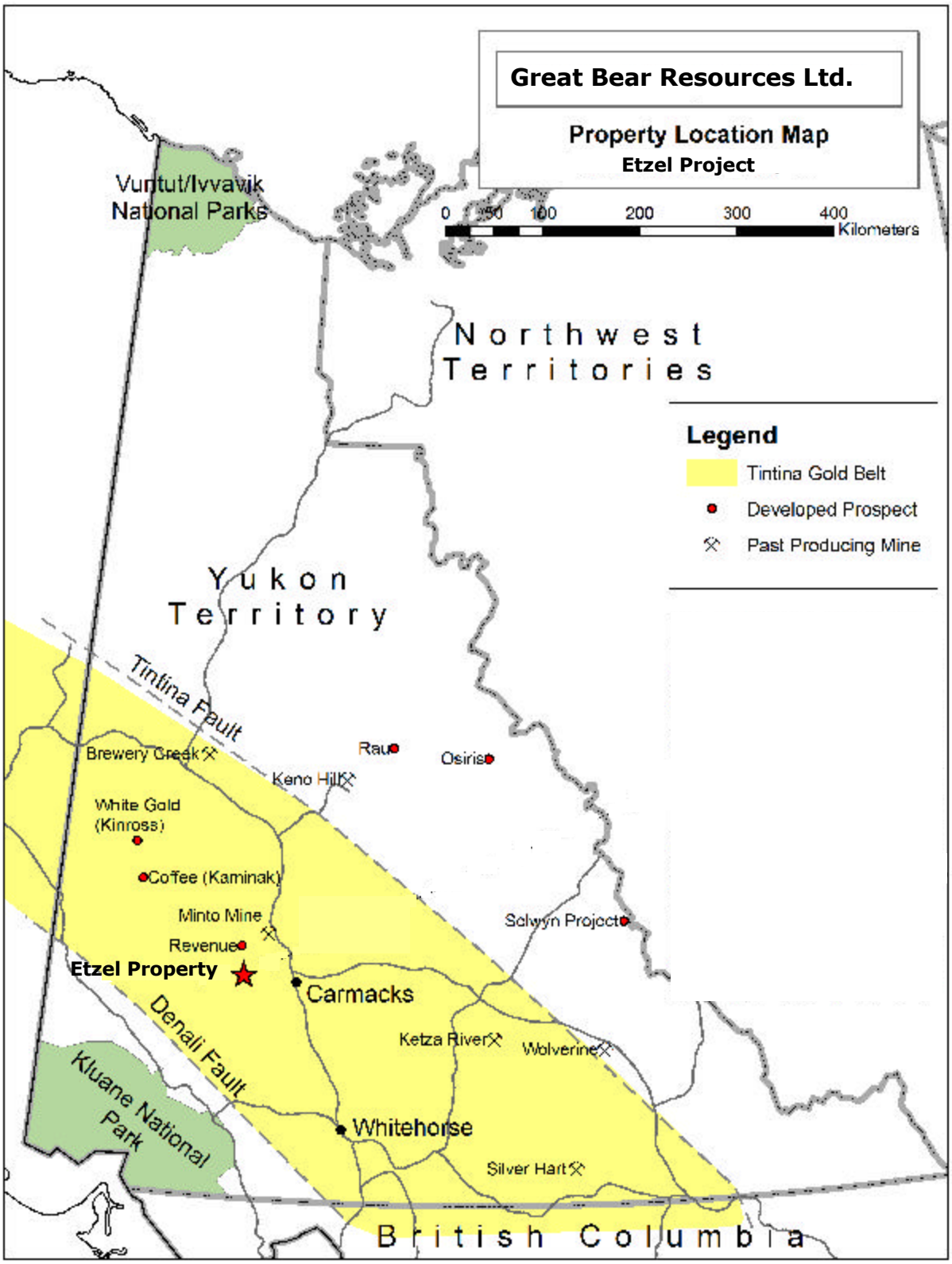


Figure 1: Location Etzel Property

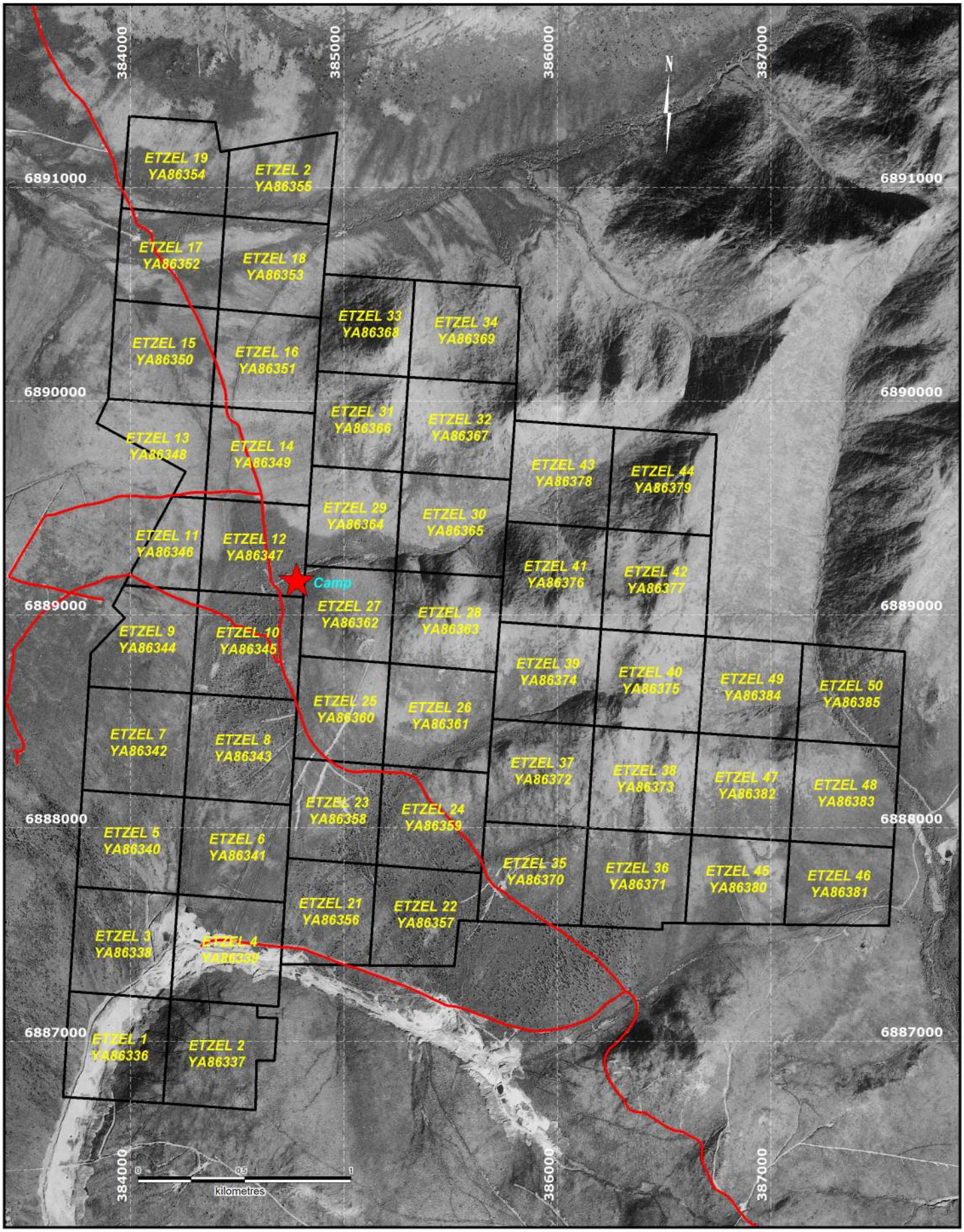


Fig. 2 Etzel Property: Claims

Table 1: Etzel Property, Claims List

Claim Name	Claim No.	Grant Number	Claim Type	NTS Map Number	District	Expiry Date	Status	Claim Owner
ETZEL	1	YA86336	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	2	YA86337	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	3	YA86338	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	4	YA86339	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	5	YA86340	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	6	YA86341	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	7	YA86342	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	8	YA86343	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	9	YA86344	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	10	YA86345	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	11	YA86346	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	12	YA86347	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	13	YA86348	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	14	YA86349	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	15	YA86350	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	16	YA86351	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	17	YA86352	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	18	YA86353	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	19	YA86354	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	20	YA86355	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	21	YA86356	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	22	YA86357	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	23	YA86358	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	24	YA86359	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	25	YA86360	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	26	YA86361	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	27	YA86362	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	28	YA86363	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	29	YA86364	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	30	YA86365	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	31	YA86366	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	32	YA86367	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	33	YA86368	quartz	115I/03	Whitehorse	Dec. 1, 2023	active	Ansell Capital Corp.
ETZEL	34	YA86369	quartz	115I/03	Whitehorse	Dec. 1, 2027	active	Ansell Capital Corp.
ETZEL	35	YA86370	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.
ETZEL	36	YA86371	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.
ETZEL	37	YA86372	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.
ETZEL	38	YA86373	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.
ETZEL	39	YA86374	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.
ETZEL	40	YA86375	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.
ETZEL	41	YA86376	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.
ETZEL	42	YA86377	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.

Table 1: Etzel Property, Claims List

Claim Name	Claim No.	Grant Number	Claim Type	NTS Map Number	District	Expiry Date	Status	Claim Owner
ETZEL	43	YA86378	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.
ETZEL	44	YA86379	quartz	115I/03	Whitehorse	Dec. 1, 2024	active	Ansell Capital Corp.
ETZEL	45	YA86380	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	46	YA86381	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	47	YA86382	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	48	YA86383	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	49	YA86384	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.
ETZEL	50	YA86385	quartz	115I/03	Whitehorse	Dec. 1, 2026	active	Ansell Capital Corp.

4.0 Physiography and Climate

The Etzel Property is located on the eastern margin of the Dawson Range. This area of the Yukon is unique in Canada as it lies northwest of the maximum extent of the Wisconsonian ice sheet (Eaton and Archer, 1989). As a result, the Dawson Range remained unaffected by the most recent (Pleistocene) glaciations. The terrain of the Dawson Range is that of a deeply weathered and incised peneplane. Drainages are deep, wide and dendritic while ridges and peaks are broad, round and gently rolling. Local elevations range from 1030 m in the deeper valleys to 1500 m on ridge tops (Melling, 1995; Rodger, 1996).

Despite the relatively deep weathering, soil development is generally poor. Typical soil profiles consist of 5 to 10 cms of organics overlying 0 to 5 cms of white volcanic ash, 10 to 100 cm of red-brown soil and 100 to 200 cms of decomposed bedrock mixed with soil through solifluction. The ash layer is part of the White River Ash and is the product of two major volcanic eruptions in the Wrangell-St. Elias Range that occurred about 1100 years before present.

Outcrop is rare and typically documented as felsenmeer. Drilling on various mineralized zones in the area indicates that oxidation varies from as little as 1 m to greater than 75 m in depth, depending on bedrock permeability and structural variations (Walls and Eaton, 1987).

The Dawson Range is characterized by a temperate continental climate, with warm summers and cold winters. Average seasonal temperatures range from -25° C in winter and 15° C in the summers. Average precipitation for the Mt. Nansen area is approximately 250 mm, most of which falls in the summer months. Local snow pack is typically 30-40 cm deep in late winter (Stroshein, 2007b).

Permafrost is common within the area and varies according to the slope aspect and vegetation thickness (Stroshein, 2007b). North facing slopes typically do not exhibit an active layer and are frozen immediately under the vegetative mat. More southerly aspects have an active layer that will thaw to a depth of 1-2 metres during summer months (Eaton and Archer, 1989).

5.0 Exploration History

The following is a brief outline of the history of exploration in the area. Some of the work described occurred on the Etzel claim group while others occurred on the immediately adjacent claim groups.

1899: Captain Henry Seymour discovered placer gold in Nansen Creek . Other placer discoveries were made in the early 1900s, but none were large enough or rich enough for sustained development (Lecuyer, 1997).

1930: Gold was discovered in the Mt. Freegold area to the north and after considerable work the La Forma Mine was brought into production (Saunders, 1980).

1937: Silver and lead was discovered by K. Paulson on what is now the Klaza Property immediately west of the Etzel claims (Saunders, 1980).

1943: Prospectors A. Brown and G. McDade discovered the first lode gold deposit, now known as the Brown-McDade Deposit, located immediately to the east of the Etzel Property.

1946: Brown-McDade Mines Ltd. formed and began an extensive program of underground drilling and development. Concurrently, Conwest Explorations Ltd. discovered and explored the Webber zone while the Huestis Syndicate identified and delineated the Huestis zone, both currently on the adjacent Charlotte Property held by Ansell Corp.

1958: Interest in the Mt. Nansen area was revived.

1962: The Mt. Nansen Exploration Syndicate optioned properties that overlap with the neighbouring Charlotte claim block. This group explored the Webber and Huestis zones with geochemical surveys, bulldozer trenching and one diamond drill hole in the Webber.

1963: Mt. Nansen Mines was formed by the syndicate. The Webber zone was further explored with bulldozer trenching and three diamond drill holes

1964: Peso Silver Mines Limited acquired control of Mt. Nansen Mines Ltd. and continued exploration on the Brown-McDade, Webber and Huestis zones with underground development and diamond drilling between 1964 and 1967 (Walls and Eaton, 1987).

1965: Peso Silver did some trenching of the Discovery property located to the west of the Etzel ground (Ellemers and Stroshein, 2005).

1967: A production decision was made and construction of a 200 ton/day mill was started at the Brown-McDade property.

1968: On the same ground as Peso Silver's work Associated Geological Services undertook a soil sampling survey (Ellemers and Stroshien, 2005).

1969: Copper porphyry deposit known as Cyprus was discovered on the NW corner of the adjoining Charlotte Property.

1968 and 1969: Esanser Explorations Ltd. conducted exploration on the neighbouring Klaza Property which included geochemical and geophysical surveys,

geological mapping, rock sampling, some trenching and also the construction of 14 km of road from the Mount Nansen Mines campsite (Saunders, 1980).

1970: Cyprus showing worked by Area Exploration Company a subsidiary of Cyprus Exploration Corporation. they undertook soil geochemistry and airborne geophysics.

1971: Mount Nansen Mines undertook reconnaissance geological mapping and silt sampling on the Etzel Property (McClintock, 1986)

1973: Detailed exploration continued on the Cyprus showing with ground geochemical and geophysical surveys, 3463 m of diamond drilling and 951 m of percussion drilling (Franzen, 1986)

1975: Production had ceased until 1975 when the mine was reopened.

1978: Asbestos Corp. completed trenching and drilled 8 holes for 122 m on what became the Aurchem Exploration Ltd's Discovery Creek Project immediately south of the Etzel claims. This drilling was following up anomalous gold values in trenches located north of Etzel (Ellemers and Stroshein, 2005).

1980: BRX Mining and Petroleum Ltd. completed three short bulldozer trenches, seven drill holes for 447.3 m and a geochemical soil survey on the Tawa, now the Klaza Property (Saunders, 1980).

1984: Due to unfavourable results, the Brown-McDade property remained inactive until it was acquired by BYG Resources Inc. ("BYG") (Stroshein, 2007b).

Etzel Property staked by Mr. Gordon Dickson

1985: Chevron Minerals optioned the claims that now comprise the adjoining Charlotte Property, as well as those that cover the Brown-McDade mine and mill site.

1985 and 1987: Archer, Cathro & Associates was contracted by Chevron to oversee and execute an intensive exploration program (Eaton and Archer, 1988). By the end of the 1987 field season, Archer-Cathro had completed or overseen geological mapping over various parts of the property, test geophysical surveys, a 6300 soil geochemical survey, aerial photography, baseline and claim surveys, rehabilitation of the Brown-McDade adit portal, 24,121 m of excavator trenching, 1283.5 m of percussion drilling in 17 holes, 2605 m of diamond drilling in 41 holes, and metallurgical, geotechnical and environmental studies (Eaton and Walls, 1988). Exploration focused mainly on delination of oxide mineralization near surface that would be amenable to open-pit mining. However drilling also expanded the underground sulphide occurrence at the Webber and Huestis zones (Eaton and Archer, 1989).

1985: Mr. Gordon Dickson undertakes bulldozer trenching on the Etzel Property.

pre-1986 and 1986: Kerr Addison options the Discovery Project claims and undertakes geological mapping and sampling and magnetometer, VLF-EM, SP and resistivity surveys, trenching and the drilling of 19 holes for 1594 m (Ellemers and Stroshein, 2005).

Pearl Resources optioned the Etzel and Wedge claims from Mr. Gordon Dickson and undertook geological mapping.

1987 -1988: Chesbar Resources Inc. drilled 2372 m in 21 holes on the Discovery Project claims (Ellemers and Stroshein, 2005).

1988: BYG took on sole proprietorship of the Mt. Nansen Project with exploration conducted by Archer-Cathro and consisted of 1473 m of trenching on the Dickson, Huestis and Brown-McDade zones and 5397 m of diamond drilling primarily on the Brown-McDade zone and substantially less on the Orloff-King and Dickson zones. The previously unrecognized Flex zone (Charlotte Property) was discovered (Eaton and Archer, 1989). Exploration was put on hiatus between 1989 and 1994.

1989 to 1994: BYG undertakes metallurgical testing, mill flow sheet designs, tailings disposal assessments, and baseline environmental and assessment studies were conducted during the exploration hiatus between 1989 and 1994.

1994 to 1996: BYG's exploration on the property consisted of:

Diamond drilling on the Brown-McDade and Flex in 1994 (990 metres in 12 holes).

Diamond drilling on the Flex and Huestis in 1995 (1,490 metres in 21 holes).

Diamond drilling programs in 1996 consisted of 7 holes (400 metres) on the Webber and Huestis/Flex junction and 10 holes (700 metres) on the BMD hanging wall zone (Vince Vein).

1996 to 1997: Mining and milling of oxide ore from the Brown-McDade pit commenced November 1996 and ran until November 1997 with commercial gold production achieved on January 1, 1997.

1998: BYG's diamond drilling in 1998 included 30 holes (2,229 metres) on the Flex zone, 10 holes (762 metres) on the BMD, 12 holes (1,009 metres) on the BMD trend, 4 holes (402 metres) on the Breccia Zone (approximately 1 km north of the Brown-McDade Zone), and 1 hole (123 metres) on the Orloff King (Middleton, 2009).

Late 1997 to 1999: The mill was forced to close when unseasonably heavy rainfall runoff coupled with mill effluent caused a water imbalance that the tailings impoundment could not adequately contain. Water treatment facilities were installed to meet water quality discharge objectives and the mine restarted in January 1998. The mill was forced to work at less than full mill capacity until new pumping equipment could be installed which overcame circuit problems and finally allowed the mill to operate at full capacity. The mine ceased production in February 1999 (Denholm et al., 2000).

1999: BYG was ordered to terminate operations in 1999 due to non-compliance with the terms of the water license set forth by the Yukon Water Board. BYG entered into bankruptcy shortly after termination and the property came under the control of Department of Indian and Northern Affairs ("DIAND"). D. Manning and Associates of Vancouver, BC was appointed by DIAND as receiver the same year, but soon resigned.

2001: Aurchem Exploration Ltd. performed prospecting and geological mapping on the Discovery Project claims.

2002 to 2003: Aurchem Exploration Ltd. followed this work up with trenching .

2004: Aurchem Exploration Ltd. completed 8 diamond drill holes for 695 m on the Discovery Project were completed in 2004 (Ellemers and Stroshein, 2005).

2004: PriceWaterhouseCoopers ("PWC") was appointed receiver of the former BYG property and subsequently divided the property into a core claim block and a peripheral claim block. The core claim block was withdrawn from staking for environmental remediation. The peripheral claim block was opened up to tender (Denholm et al., 2000).

2007 to 2008: 101073531 Saskatchewan Ltd (Sask Co) purchased the peripheral claim block, which includes the Charlotte claim block, from PWC in two transactions for total of $3.2 million. In addition, Sask Co entered into an option with PWC to acquire the Dome 12 claim in consideration of the sum of $25,000 expiring 2018 (Middelton, 2009).

Sask Co undertakes an airborne VTEM-Magnetic survey. A total of 638 line kms were flown (Middelton, 2009).

2010: Guinness Exploration Inc. continued work on the Charlotte Property in 2010 and saw the completion of 14 drill holes for 1442.82 m, as well as excavator trenching south east of the Etzel Property. Limited reconnaissance mapping and sampling on adjoining Charlotte Property.

2011: Great Bear Resources options the Etzel claims from Ansell Corp. drills three holes for 696.17 m, collects 478 soil samples to trace the extensive gold in soil anomalies on the adjacent Klaza Property and completes 255.7 m of excavator trenching.

6.0 Historical Reserves and Resources

To the author's knowledge there has not been any attempt at a resource or reserve calculation from historical gold assays from this property.

7.0 Regional Geological Setting

The following is a detailed outline of the regional geology as presented by Hiner and Mundenk, 2010 (Figure 3).

The Etzel property is located within the Mount Nansen Trend which is a 15 km-long northwest-trending structural corridor, that is host to more than 30 recorded mineral occurrences of epithermal and porphyry origin. Many of the mineral occurrences are northwest-striking, steeply-dipping epithermal sulphide-quartz veins that occur in all lithologies. The Mount Nansen Trend is the southeast extent of the Dawson Range Mineral Belt, which extends to the Sixty Mile River area 250 kms to the northwest (Hart and Langdon, 1997).

The Yukon-Tanana Terrane in the vicinity of Mount Nansen is comprised of Devonian and older meta-igneous and metasedimentary rocks dominated by chlorite schist and felsic orthogneiss (Hart and Langdon, 1997). The metamorphic rocks are intruded by alkali-feldspar-rich plutonic suites of Early Jurassic age, including the Big Creek batholith and the Granite Mountain batholith. The most prominent plutonic suite in the region is the sheet-like granodiorite sill of the Dawson Range batholith which is mid-Cretaceous in age (Carlson, 1987).

The area's stratigraphy is intruded by a number of plutonic suites. Volumetrically important units in the area include the Big Creek batholith which is recognized by its megacrystic alkali feldspars and its variable, but generally quartz-poor, composition. Quartz-rich megacrystic alkali feldspar plutonic rocks have been mapped in the area and are considered to be Early Jurassic, and may be part of the Granite Mountain batholith. The most volumetrically dominant plutonic unit in the Mount Nansen area is the mid-Cretaceous biotite-hornblende granodiorite of the Dawson Range batholith. All of the plutonic and metamorphic rocks are cut by the mid-Cretaceous Coffee Creek plutonic suite, which crops out as dykes, sills, plugs and stocks of quartz-feldspar porphyry and quartz monzonite (Carlson, 1987).

An alkali-feldspar quartz syenite of uncertain age forms an intrusive body in the Bow Creek drainage north of the upper Klaza River. Volcanic rocks in the area are represented by the mid-Cretaceous Mount Nansen Group suite that formed from andesitic fragmental and flow

units in nested calderas. The last phase of Mount Nansen Group volcanism resulted in hypabyssal quartz-feldspar porphyry and quartz monzonite stocks, dykes, sills and minor pyroclastics flows. The Late Cretaceous Carmacks group suite is composed of extensive and locally stacked basalt flows of shoshonitic composition (Hart and Langdon, 1997).

Cretaceous volcanic rocks cap the other rock units in the area. In the immediate vicinity of the Etzel Project, the Mount Nansen Group volcanics, coeval to the Coffee Creek plutonic suite, primarily outcrop as andesitic fragmental units and flows. The Late Cretaceous Carmacks Group volcanic complex is volumetrically significant in the area. It is related to the Prospector Mountain plutonic suite and often comprises flat lying pyroclastic tuffs and flow units. It is frequently recognized capping prominent ridges in the area (Stroshein 2007a and b).

Faulting and shearing are the two main structural features in the immediate area (Hart and Langdon, 1997):

Northwest trending faults are the primary mineralizing structures, found in the immediate area. They strike at approximately 130°-150°, dip steeply southwest, are continuous on a scale of hundreds of metres and have dextral movement.

North to northeast trending faults dip steeply east-northeast and are locally considered dextral "cross-faults" to the primary northwest faults. They are characterized by their discontinuity and tend to terminate at intersections with primary structures. It is likely that these faults are conjugate and coeval to the northwest faults.

East to northeast trending structures in the area include faults, fractures and joints. They trend at approximately 060°, are generally un-mineralized but do offset mineralized structures.

Complex fault intersections in igneous host rock such as quartz-feldspar porphyry can produce steeply plunging breccia pipes. A number of these occurrences have been documented in the area and include those within the Mount Nansen Porphyry complex (Eaton and Archer, 1989).

Four hydrothermal alteration facies have been documented as a function of exploration and development in the Mt. Nansen area (Stroshein, 2007b) and are here listed:

Phyllic Alteration

- Characterized by quartz, sericite, pyrite, kaolinite and the absence of mafic minerals.
- Pyrite content increases with decreasing silicification.
- Carries ore grade Au-Ag values surrounding core of veins or breccias.

Silicic Alteration

- Characterized by intense to extreme silicification.

- Silicified wall rock distinguished by very fine vugs, yellow weathering and drusy quartz lining cavities.

Argillic Alteration

- Characterized by the clay minerals kaolinite, montmorillonite and minor sericite.
- Sulphides are commonly leached out, leaving cavities in altered rock.
- Often occurs with white, "bleached" zones.
- Forms broad envelope around phyllic or silicic alteration zones.

Potassic Alteration

- Honey-brown to dark brown coloured alteration.
- Characterized by biotite and potassium feldspar with minor magnetite and epidote.

Propylitic alteration is recognized throughout the area and is characterized by chlorite, calcite, epidote, albite and magnetite. This alteration type is closely associated with plutonic rocks adjacent to the Mount Nansen porphyry system.

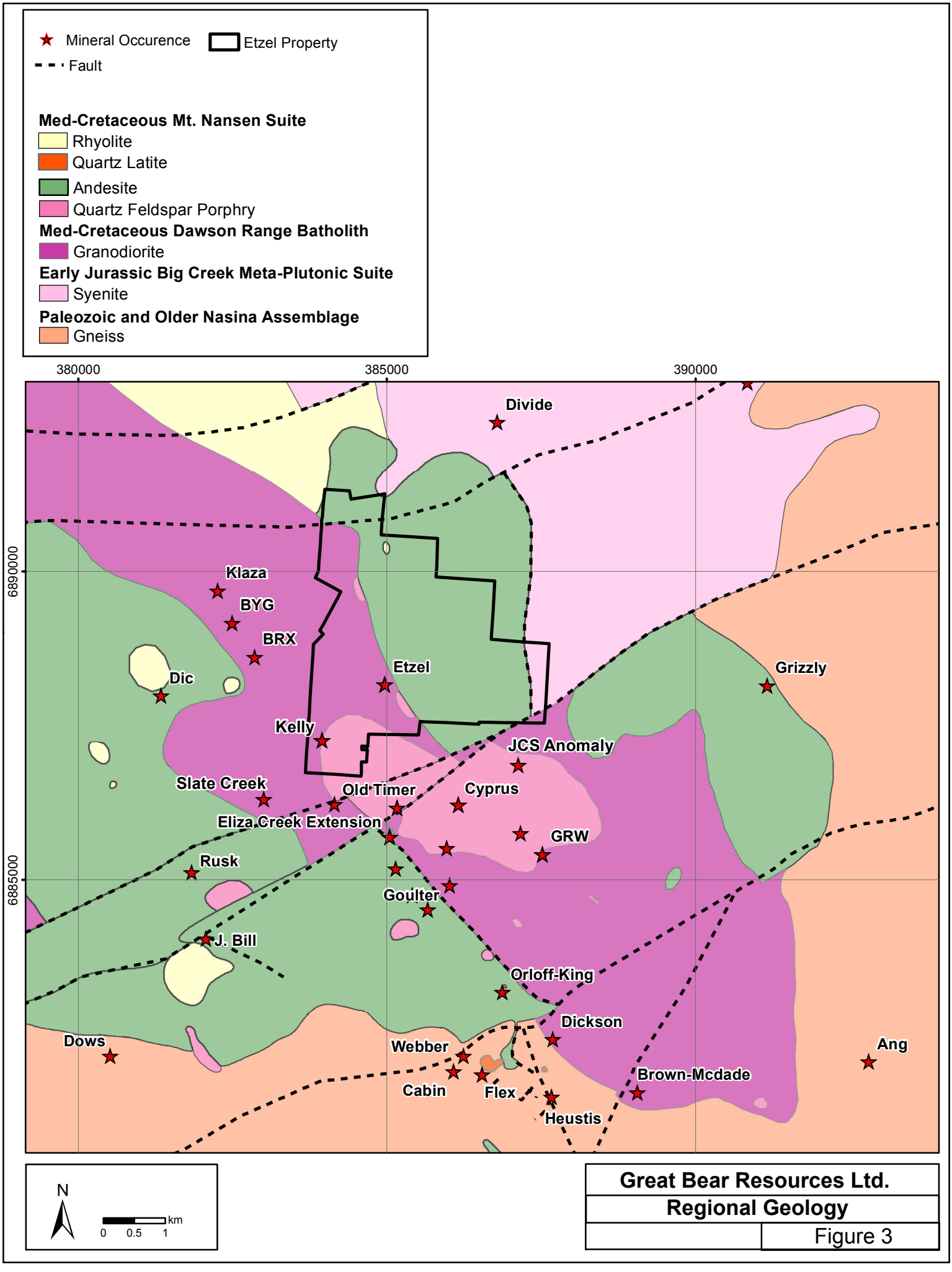
8.0 Property Geology

The oldest rocks underlying the claim block are the Early Mississippian Nasina Assemblage. These metamorphic rocks are comprised of strongly foliated, intercalated quartz-feldspar-chlorite gneiss, quartzite, amphibolite and augen gneiss. Foliation strikes northeast and dips steeply to the northwest. These same rocks host the main mineralized zones including the Webber, Flex and Huestis Zones (Melling, 1995) on the neighbouring Charlotte Property held by Ansell Capital Corp.

The mid-Cretaceous Dawson Range batholiths are represented by biotite-hornblende granodiorite in the western two-thirds of the property. This granodiorite is typically medium to coarse-grained and locally foliated. To the north, the granodiorite has been intruded by a large mid-Cretaceous pluton of the Mount Nansen (quartz-feldspar) Porphyry Intrusive complex which is related to the Coffee Creek Plutonic Suite (Melling, 1995).

Both the metamorphic and intrusive rocks are unconformably overlain by the andesite of the Mount Nansen Volcanic Suite. This andesite dominates the eastern portion of the property and is typified by fragmental and flow units. Small plugs, dykes and sills of quartz-feldspar porphyry are observed to intrude andesite (Melling, 1995; see Figure 4).

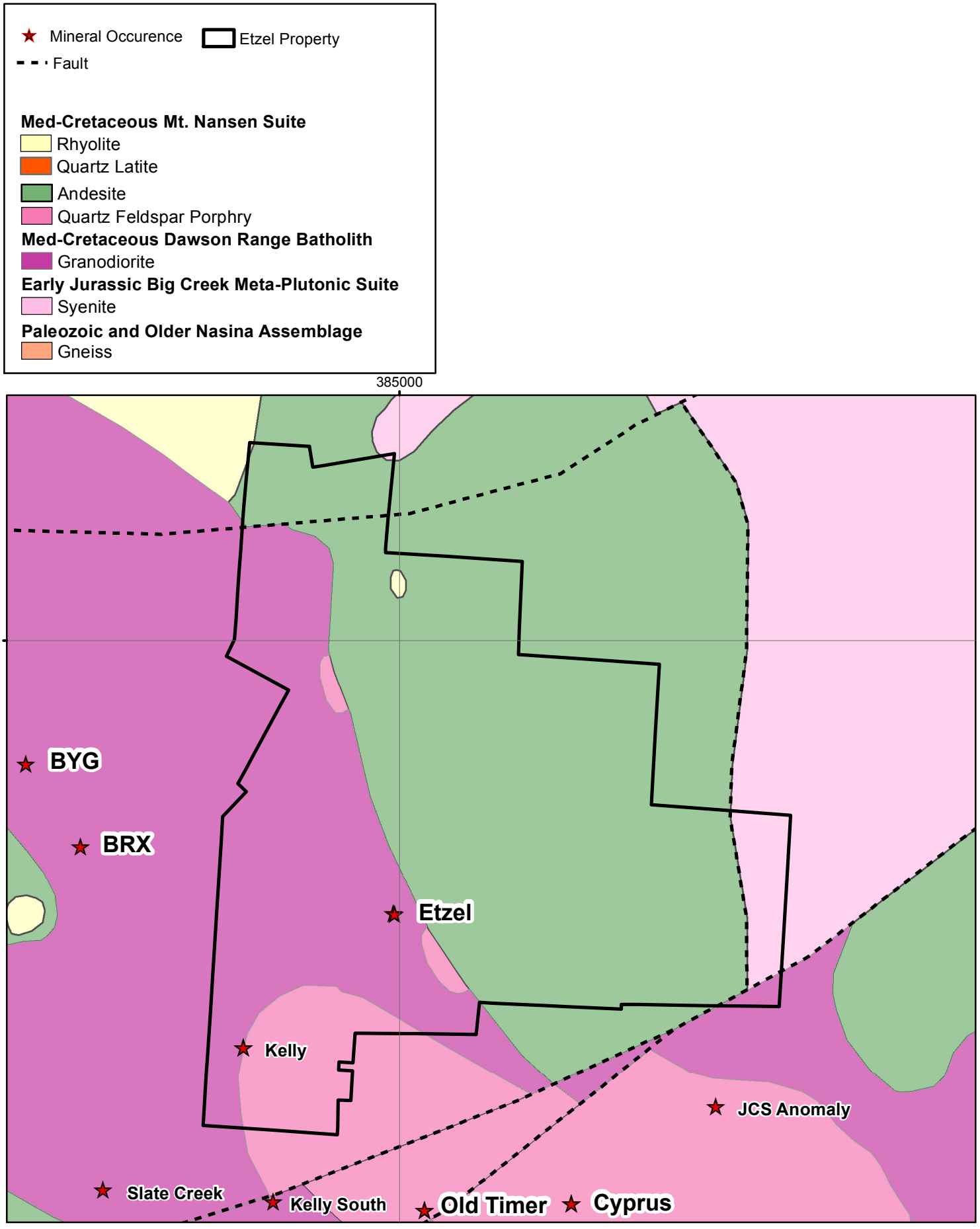
Gold mineralization occurs in relationship to well developed altered and fractured granodiorite. Fine to medium grained disseminated pyrite and pyritic stringers with sphalerite occur within the mineralized zones.



Great Bear Resources Ltd.

Regional Geology

Figure 3



Great Bear Resources Ltd.	
Property Geology	
	Figure 4

9.0 2011 Exploration Program

The 2011 exploration program began late in the field season but did involve not only some limited excavator trenching but the drilling of three diamond drill holes and soil sampling over a large portion of the property (Figure 5).

9.1 Personnel and Program Chronology

The Etzel project was supervised by Peter Dadson and consisted of project geologist Jay Page, junior geologist Chris Amy, up to 6 geo-technicians, and a cook. As the project progressed, several personnel adjustments were made in order to facilitate the changes in the project.

Prior to the project commencement, bids were obtained for the heavy equipment work including backhoe excavating and diamond drilling.

Appendix 2 lists the Coast Mountain Geological's personnel and time frames for this project.

10.0 QA/QC Methodology

There was a strict QA/QC policy in place for the 2011 exploration program. Dolomite blanks and two individual standards were used. The blanks, standards or duplicate samples were then inserted in random sequence into the numbered sequence of sampled core, rock or soil. In addition, the geologist had discretion to insert blanks in mineralized areas to detect any cross contamination during analysis. Acme labs also prepared their own QA/QC methods by systematically inserting standards, blanks and replicates into sample batches.

All samples were stored in a secure tent on site in camp to await transportation. The samples were then delivered in person or through Small's Expediting to Acme lab's Whitehorse sample preparation facility.

10.1 Analytical Procedures

All rock and soil geochemical samples were analyzed by Acme Laboratories in Vancouver. Rock samples were crushed in their entirety, using a crusher made of tool steel to a -10 mesh sieve. A 250g aliquot of this coarse material was crushed to 85% passing a -200 mesh sieve.

A 36 element suite was analyzed using 15 gram splits from the crushed rock and leached at 95°C using Aqua Regia. The samples were then analyzed using ICP-MS. Assays for the key metals of interest, gold (Au), and silver (Ag) were obtained using fire assay and ICP-MS techniques with gravimetric finish for all samples. In addition, overlimits for gold, silver, copper, lead and zinc were subsequently re- analyzed using hot four acid digestion and ICP emission spectrometry to provide percent level concentration results.

Soil geochemical samples were prepared by drying at 60°C, with sieving up to 500 gram to -80 mesh. The samples were analyzed using 15 gram splits from the each sample and leached at 95°C using Aqua Regia. The samples were then analyzed using ICP-MS producing

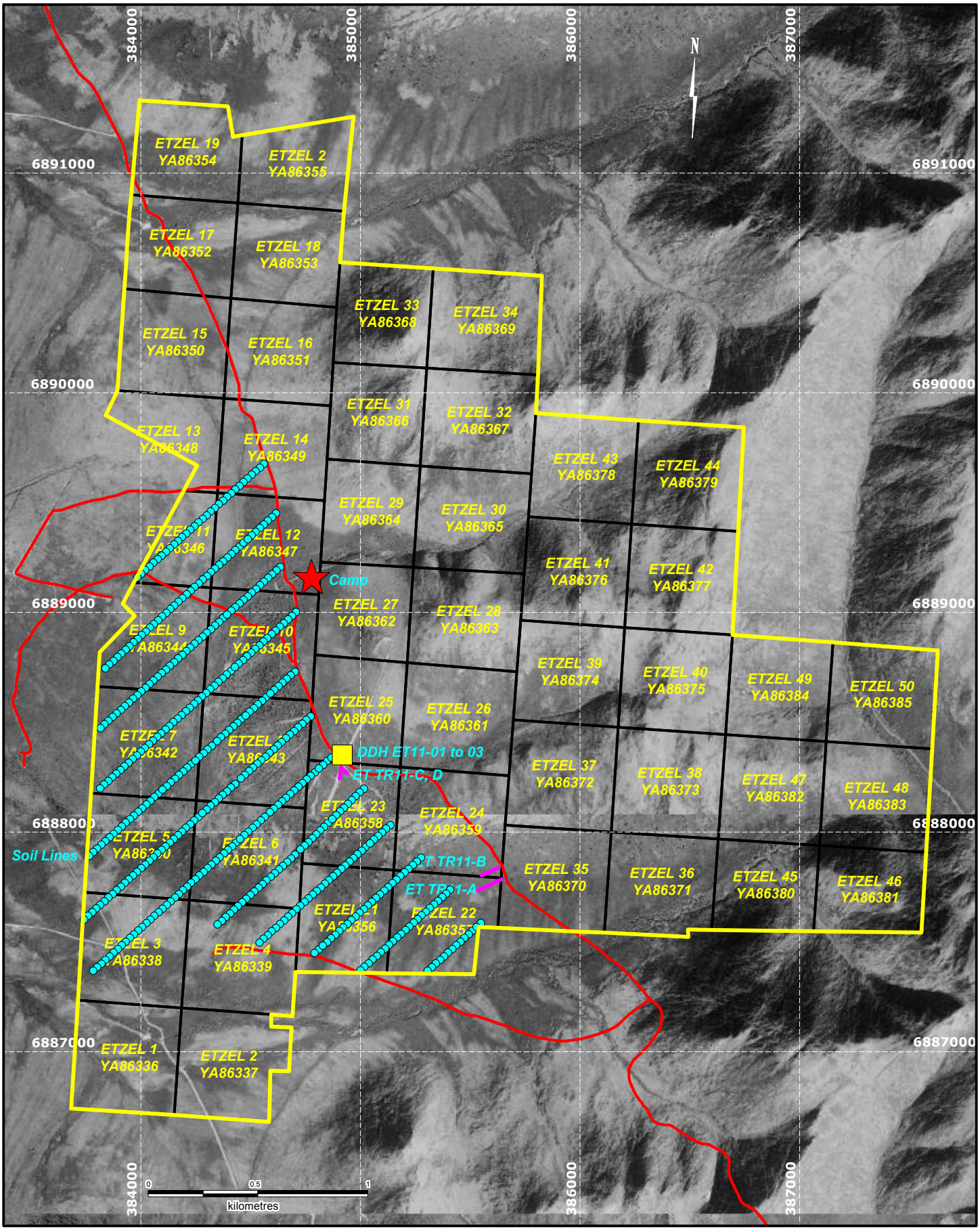


Fig. 5 Etzel Property: Location of 2011 Work Areas

results for 36 elements. Appendix 9 presents all the appropriate technical descriptions provided by Acme.

11.0 Diamond Drill Program

Three diamond drill holes were completed by Strike Drilling for a total of 696.17 m of NQ sized core. The target was a mineralized zone exposed in a historical trench and the holes were all collared at the same location but had two different azimuths as indicated in Table 2 below.

The drill core was boxed at the drill site and transported to camp periodically during the daily drill schedule. Upon receipt a geo-technician measured the beginning and ending depth of each box, marked these on the upper left and lower right of the box respectively, labelled all core boxes with aluminum tags and made RQD measurements.

The geologist logged his observations into the logging template present on a laptop computer. Any samples taken in a given hole were marked out by the geologist. The entire hole was then photographed by a geotechnician prior to sampling.

Sample intervals were cut in half by a geotechnician using a diamond rock saw, such that half the core was left in the box as a record. The sampled split was placed in polypropylene bags and the open end was secured with a nylon zap strap.

The samples were then placed into polypropylene woven rice sacks and kept in secure storage to await transportation to the analytical preparation laboratory in Whitehorse.

Provided below is a summary of each drill hole that targeted the trench mineralization. The particulars of each drill hole can be found in Table 2 and the detailed drill logs and sections form Appendix 5. The 2011 diamond drill hole collars are shown in Figure 5.

All core remains on the property, stacked by hole number on claim Etzel 12 (YA86347) at the reclaimed camp site.

Table 3 presents a summary of the drill assay results.

Table 2: Summary of the Etzel Drill holes

Hole ID	UTM E	UTM N	ELEV (m)	Azimuth (°)	Dip (°)	Length (m)
DDH ET11-01	384906	6888335	4298	160	-46	126.80
DDH ET11-02	384906	6888337	4298	230	-45	259.69
DDH ET11-03	384906	6888337	4298	230	-60	309.68

Table 3 Summary of 2011 Drill Results

Hole Number	Azimuth (°)	Dip (°)		From	To	Length (m)	Au (ppb)	Ag (ppm)
ET-11-01	156	-46		**70.95**	**75.50**	**4.55**	**579.94**	**0.70**
ET-11-02	243	-44.5		**13.30**	**15.90**	**2.60**	**1939.03**	**11.85**
				49.70	**50.80**	**1.10**	**1054.50**	**88.20**
				98.95	**100.00**	**1.05**	**1512.40**	**5.60**
				145.60	**194.40**	**48.80**	**521.44**	**2.26**
			including	150.10	154.80	4.70	596.61	6.51
				156.30	157.70	1.40	3445.90	0.70
				161.70	172.45	10.75	650.62	3.29
				178.55	184.65	6.10	751.21	1.91
				187.65	194.40	6.75	637.64	1.62
				204.55	**205.60**	**1.05**	**1070.80**	**2.10**
				229.50	**232.00**	**2.50**	**1112.80**	**33.22**
ET-11-03	229.2	-59.4		**29.80**	**32.50**	**2.70**	**1339.93**	**2.96**
				89.75	**91.55**	**1.80**	**830.19**	**3.02**
				112.75	**113.90**	**1.15**	**1123.30**	**9.10**
				131.15	**132.65**	**1.50**	**1693.20**	**0.40**
				308.35	**309.67**	**1.32**	**2549.50**	**0.90**

11.1 DDH ET11-01

The hole collared in granodiorite and cored this intrusive rock throughout its entire extent. Relatively unaltered granodiorite is grey green in colour, medium to coarse grained and consists of about 30% quartz and 10% faint pink potassium feldspar. Three major alteration assemblages were recorded. Strong pervasive limonite oxidation found throughout the upper 31.75 m of the hole, and then alternating 1-25 m wide zones of propylitic alteration containing moderate disseminated chlorite, weak disseminated epidote, weak disseminated magnetite and 0.1-1% disseminated pyrite as well as phyllic alteration characterized by pervasive pale grey green sericite and 0.1-2% disseminated, blebby, and fracture filling pyrite. Phyllic alteration is most intense from 89.10-114.75 m within which there is 2% disseminated, fracture filling and stringer pyrite and 0.1-1% disseminated and stringer black sphalerite between 96.75-105.60 m.

11.2 DDH ET11-02

Similar to ET 11-01 this hole also collared in and stayed within granodiorite through out its entire extent with the exception of a quartz latite dyke from 154.80-158.40 m. Unaltered granodiorite has a grey green colouration, is medium to coarse grained and consists of 30% quartz and 10% faint pink potassium feldspar. As in DDH ET11-01, three major alteration assemblages were recorded. The first is a strong pervasive limonite oxidation found through out the upper 35.85m of the hole. The second is a series of alternating 1-40m wide zones of propylitic alteration characterized by moderate disseminated chlorite, weak disseminated epidote, zones of weak disseminated magnetite, and 0.1-1% disseminated pyrite. Phyllic alteration forms the third assemblage and consists of pervasive pale grey green sericite within which there is 0.1-2% disseminated, blebby, and fracture filling pyrite. Zones of brecciated granodiorite from 152.25-154.80 m, and again between 158.40-159.30 m form around the quartz latite dyke. These breccias contain between 5% and 10% disseminated, blebby, and cm wide patches of pyrite within the matrix. Highest concentrations of sulphide mineralization are associated with zones of phyllic alteration. Sphalerite and chalcopyrite mineralization is found in conjunction with silica-calcite veinlets at 102.30 m, 114.35 m, and 252.40 m.

11.3 DDH ET11-03

Like the above holes, this hole remained within the granodiorite and unaltered portions share the same grey green colouration, the medium to coarse grain, and composition of 30% quartz and 10% faint pink potassium feldspar. Alteration assemblages were again similar and consisted of strong pervasive limonite oxidation in the upper 28.30m of the hole followed by alternating 1-40m wide zones of propylitic alteration consisting of moderate disseminated chlorite, weak disseminated epidote, intervals of weak disseminated magnetite, and 0.1-1% disseminated pyrite. Zones of phyllic alteration were also noted and characterized by pervasive pale grey green sericite and 0.1-2% disseminated, blebby, and fracture filling pyrite. Between 177.55-179.20 m is a zone of brecciated granodiorite having a silicified matrix which contains 10% disseminated, blebby, and stringer pyrite and 1% blebby black sphalerite. Highest mineralization concentrations are associated with zones of

phyllic alteration. There is a zone of shear from 89.75-90.45 m that has a minor 5 cm wide fault along the upper contact. It contains disseminated, blebby, and stringer pyrite with large 1-2 cm wide pyrite patches that contain 1% silver grey arsenopyrite. There is trace sphalerite within shear matrix. A zone of strongly silicified brecciated phyllicly altered granodiorite between 250.20-260.95 m contains 5-10% disseminated, blebby, and stringer pyrite, and 1% blebby black sphalerite.

12.0 2011 Trenching Summary and Protocol

Trenching totalled 255.70 m in 4 trenches (Figure 5). All bottomed in rubbly bedrock with several metre wide intervals still covered in overburden and permafrost. A total of 100 rock/soil samples were collected from the trenches and submitted for assay. The trenching was contracted to 15317 Yukon Inc. and carried out using a Hitachi ZX 200 excavator.

12.1 Trenching Exploration Procedure

The trenching procedures and activities implemented during the 2011 exploration field season are outlined as follows.

All of the trenches were labeled with the Initials of the property "ET" (Etzel) space TR"11" (the year) dash "A" the next trench in the alphabetic sequence. During mapping, both the floor and rib of each trench was systematically surveyed using Silva or Brunton Compass, a measuring tape, and a GPS unit. This allowed for any changes in the elevation and direction of the trench floor to be accurately recorded. The rib depth was also measured.

The rib of each trench was continuously sampled approximately 0-30cm above the trench floor. Areas containing overburden and permafrost were not sampled. Sample intervals normally ranged from less than 1 to 1 metre in suspected areas of mineralization, to 2-3 meters elsewhere. Care was exercised to ensure that the sample was collected uniformly across each interval.

Trenching conditions on the Etzel project were generally good; however progress was often slowed by the shallow depth of permafrost. Given that the excavator was unable to dig through the permafrost, certain areas of the trenches could not be bottomed into bedrock. Because the trenches were dug late in the season it was not possible for the areas of exposed permafrost to melt enough to allow further excavation. Occasional slumping of the trench walls did occur which hindered mapping and sampling of trenches due to safety concerns.

12.2 Trenching Summary and Results

Provided below is a brief summary of the trenching.

Trenches ET TR11-A and ET TR11-B (Appendix 3) were designed to investigate encouraging results from historical soil sampling and trenching. They contained granodiorite and quartz porphyry with weak disseminated pyrite, and metre wide zones of bleaching. The best assay from this area was 0.176 g/t Au over 2.5 metres.

Trenches ET TR11-C and ET TR11-D (Appendix 3) were excavated in the area above the 2011 drill holes DDH ET11-02 and 03, and along and between historic trenches containing samples with anomalous gold values. These trenches contained granodiorite with weak disseminated pyrite, and metre wide zones of strong clay/phyllic alteration. These zones of clay alteration are similar to those seen in the 2011 drill holes. The best assay from this area was 3.722 g/t Au over 3.0 metres. This was part of a group of samples from trench ET TR11-D that have a weighted average of 2.799 g/t Au over 10.4 metres within a zone of strong clay/phyllic alteration.

Table 4 below outlines the trench particulars while Figure 5 outlines the location of all 2011 trenching. Table 5 summarizes a portion of the trench sampling.

Table 4 Trench Statistics

Trench	Total Length (m)	Claim
ET RT11-A	100.50	ETZEL 22
ET RT11-B	70.40	ETZEL 24
ET RT11-C	53.10	ETZEL 23
ET RT11-D	31.70	ETZEL 23

A summary of selective assay results is given below in Table 4.

Table 5: Summary of Selective 2011 Sampling

Trench #	From	To	Width	Au (g/t)	Ag (g/t)
ET TR11-A	47.8	50.3	2.5	0.176	1.0
ET TR11-B	53.5	55.8	2.3	0.112	1.0
ET TR11-C	25.9	26.5	0.6	1.264	31.2
ET TR11-D	5.3	15.7	10.4	2.799	5.8

Trench maps and all particulars form Appendix 3 and assay certificates form Appendix 4.

12.3 Reclamation Work

The trenches were actively reclaimed as mapping and sampling was completed. All 255.70m of the 4 trenches which were opened during the 2011 field season were reclaimed.

13.0 2011 Soil Sample Survey

The program was initiated to delineate the southeastern extension of the BYG zone from the neighboring Klaza Property. Sample lines and stations (Figure 5 and 6) were derived from GPS coordinates as determined by the software program Discover. Lines, oriented at N47E were spaced 200 m apart with sample stations being established at 50 m along each line. In total 478 sampleswere collected including duplicates for QA/QC. Any missing samples were due to permafrost conditions. All samples were from the "B" soil horizon (Appendix 7) where possible and collected using a soil auger and placed in a paper Kraft bag. Ten such bags were packaged in a polypropylene bag and five such packages were then put into a rice bag for transport to Acme's preparation lab in Whitehorse.

A selection of elements have been either presented as contours (gold, Figure 7) or as thematic maps (Bi, Mo, Zn, Sb, Ag, Cu and Pb) (Figures 8, 9, 10, 11, 12, 13 and 14). It must be noted that no statistics have been applied to this dataset for any for any of the elements or attempts to normalize the data with that from the Klaza Property.

13.1 Gold

The contoured gold values in ppb Au is presented as Figure 7. In addition to the current data some of similar data from the adjoining Klaza Property is included and contoured.

The results show numerous values of >100 ppb Au which form multi-station and multi-line anomalies throughout the grid. Of particular note are the numerous abrupt terminations in the data. All of these have a noth or NNW trend and are spaced at various intervals across the gridded area. The most northerly of these occurs on the adjoining Klasa property where a termination cuts off a substantial anomaly on Line 1 of the current grid. Initially this was interpreted as a difference in the dataset and could be eliviated by the normalization of the data. This could be true but at the base of Line 1, that is the SE extent there is another offset/termination which continues to the southern end of Line 2.

The second termination, evident at the beginning of Line 2 continues to the mid-point of Line 5 and is marked by a local low at around the mid point of Line 4 where there is a group of readings ranging from 11 ppb Au to 19 ppb Au.

The third termination trend is not as well defined as the first two. This may be only weakly developed however it seems to begin at the start of Line 7, trends essentially N-S to the base of Line 10 and from there southerly onto the adjoining property.

To the SE and starting at the beginning of Line 9 is the fourth set of terminations. This, like the third is not strongly developed but still more pronounced than the third. It trends NNW-SSE and continues onto the adjoining property. At this juncture it appears that there is a marked change in anomaly direction from NW to what may be more N-S. This would be a pronounced change in the regional structural trend.

13.2 Bismuth

On Lines 1 and 2 there is a discrete Bi anomaly (Figure 8) which coincides directly with the interpreted/contoured gold anomaly that may be the extension of the Klaza Zone on the adjoining Klaza Property. This weakens by Line 3 but is still a moderate response. Line 4 has a void in the Bi data corresponding to the interpreted NNE trending structure.

A strong anomaly resumes on Line 5 at about 384200 mE and 6888600 mN and is the SE extension of the anomaly from Lines 1 and 2.

By Line 6 the anomaly further weakens as it follows this particular gold anomaly but there is a stronger response to the north where Bi corresponds with two other sub-parallel gold trends. However the entire width of the Bi anomaly on Line 6 has moderate to strong responses. Similarly on Lines 7 and 8, although on the latter the magnitude of the Bi values has in general decreased. On Line 9 the more northerly gold trends are truncated as is the Bi anomaly. The more southerly trends (BYG Zone) however are still evident but are weaker. The structural break between Lines 9 and 10 also truncates the Bi anomaly. This Bi anomaly however reappears on Line 11 at about 385100 mE and 6887500 mN.

Sampling on Line 12 has outlined a broad weak anomalous Bi zone however sampling concluded before the aforementioned gold trends to the south.

Elsewhere on the grid the gold trends are generally associated with elevated or anomalous Bi.

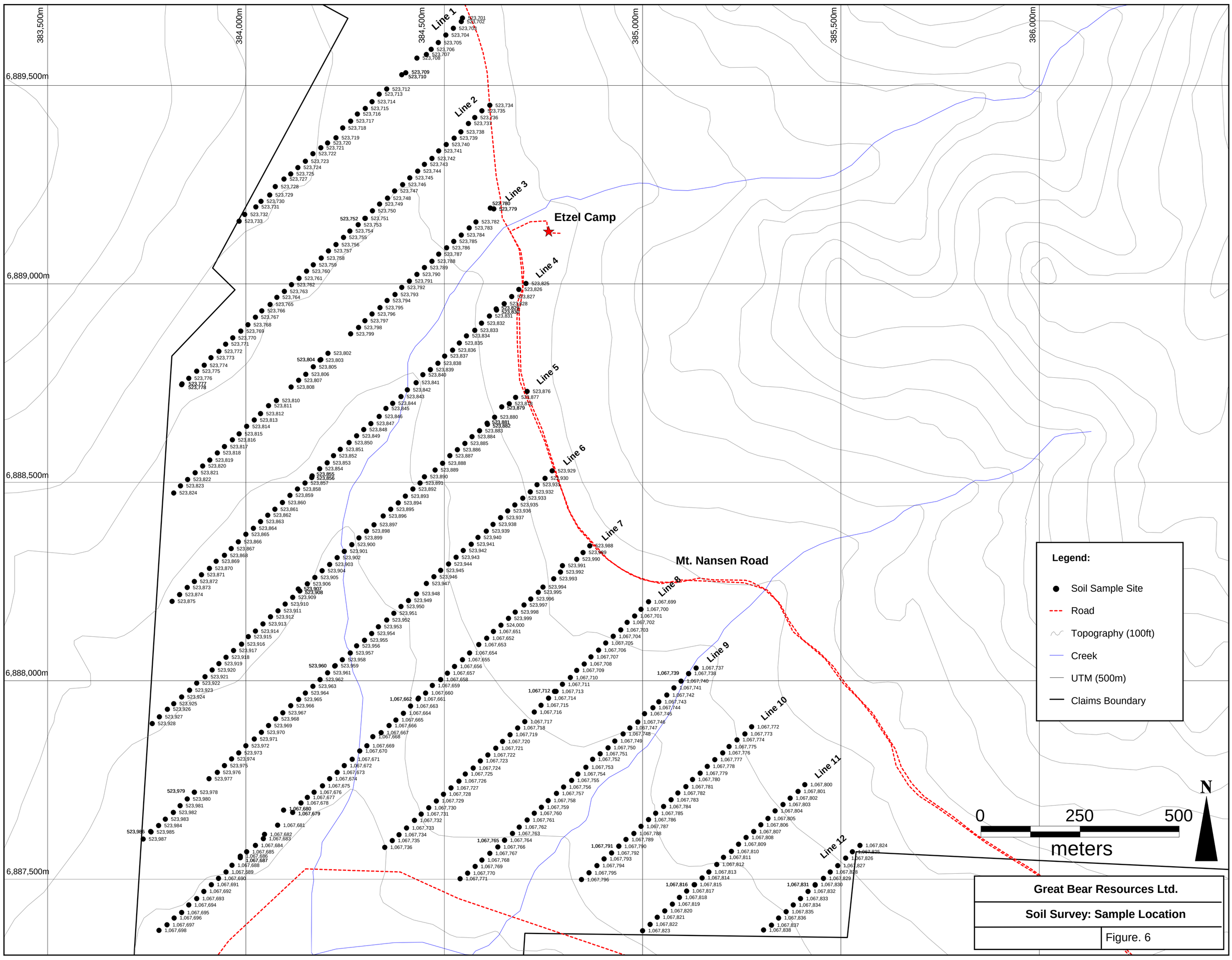
13.3 Molybdenum

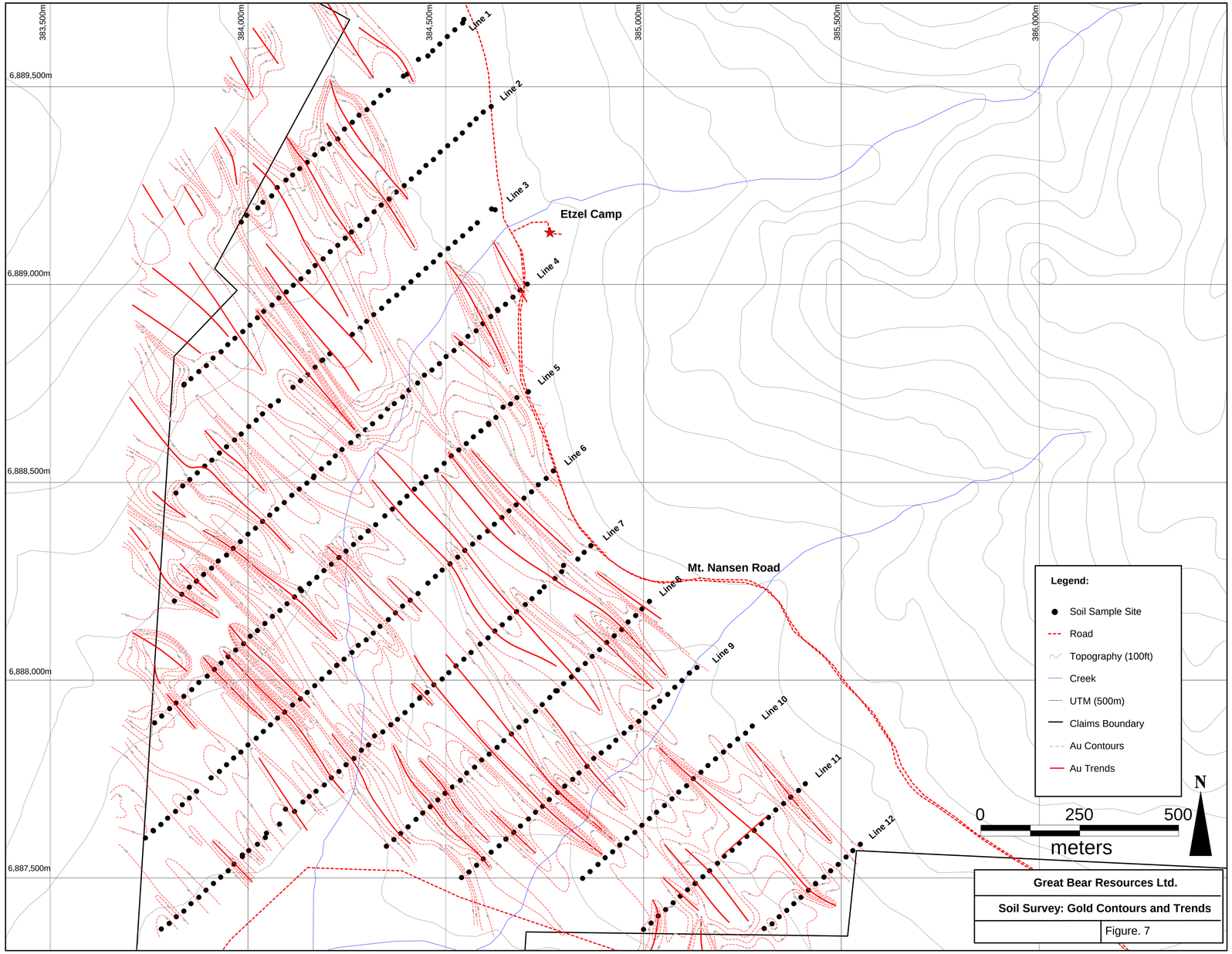
Unlike Bi, moderate to strong Mo responses are associated with what might be the extension of the Herc Zone on the Klaza Property (Figure 9). Values of 1.2 to 6.8 ppm Mo occur along its length with the lowest response being at the SE end of the grid. In general, especially north of this gold trend and in the area of Lines 1 to 3, the Mo response is low with most values being less than 1.0 ppm Mo. Local highs however do occur along subsidiary sub-parallel gold trends including in the vicinity of drill holes DDH ET11-02 and DDH ET11-03.

Conversely to the south of the main gold trend, Mo values increase markedly in magnitude. Most elevated values again correspond to gold trends and most notable would be samples collected at the south end of Line 1. Here a high of 21.8 ppm Mo is recorded which may be directly related to the BYG or Herc Zones on the neighbouring Klaza Property.

Further to the south, at about 383875 mE and 6888550 mN is an apparent flexure defined by the gold contours and here there is a pronounced spike in the Mo values. This flexure may be related to a similar feature at the south end of Line 4 which also has elevated Mo by 2 to 3 times the background magnitude but also directly related to a gold trend which possibly is the extension or a splay of the BRX Zone.

A continuation of this "NNE trending structure" matches precisely with the Mo highs mentioned above on Line 2 and marks the termination of several gold contours.


383,500m
384,000m
384,500m
385,000m
385,500m
386,000m
6,889,500m
6,889,000m
6,888,500m
6,888,000m
6,887,500m
Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12
Etzel Camp
Mt. Nansen Road
Legend:
Soil Sample Site
Road
Topography (100ft)
Creek
UTM (500m)
Claims Boundary
N
0
250
500
meters
Great Bear Resources Ltd.
Soil Survey: Sample Location
Figure. 6


383,500m
384,000m
384,500m
385,000m
385,500m
386,000m
6,889,500m
6,889,000m
6,888,500m
6,888,000m
6,887,500m
Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12
Etzel Camp
Mt. Nansen Road
Legend:
Soil Sample Site
Road
Topography (100ft)
Creek
UTM (500m)
Claims Boundary
Au Contours
Au Trends
N
0
250
500
meters
Great Bear Resources Ltd.
Soil Survey: Gold Contours and Trends
Figure. 7

6,890,000m
6,889,500m
6,889,000m
6,888,500m
6,888,000m
6,887,500m
6,887,000m
384,000m
384,500m
385,000m
385,500m

Legend:

- Road
- Topography (100ft)
- Creek
- UTM (500m)
- Claims Boundary

Bi in Soil ppm

- 10 to 100
- 5 to 10
- 2 to 5
- 1 to 2
- 0.5 to 1
- 0.25 to 0.5

Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12

Etzel Camp

Mt. Nansen Road

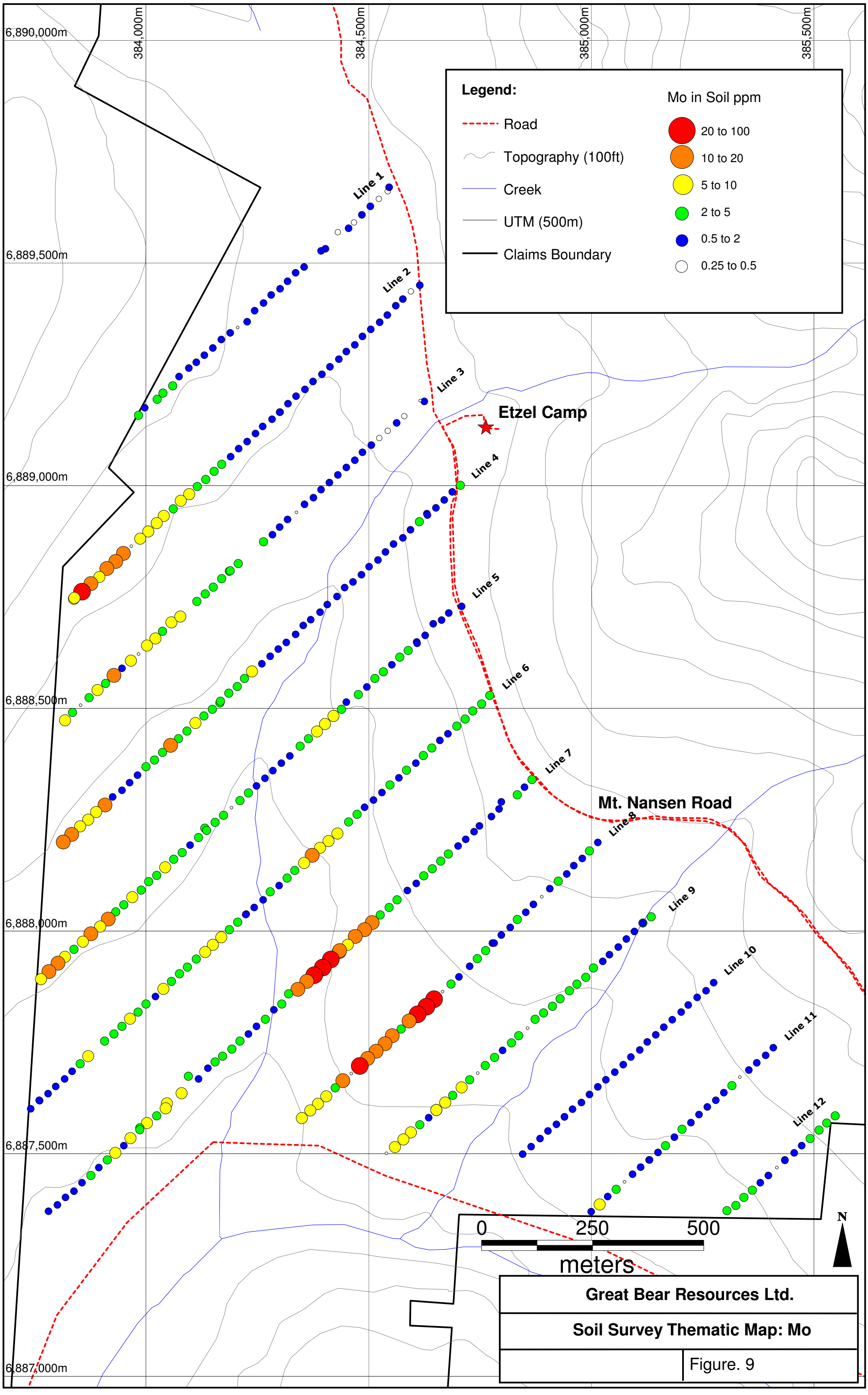
0 0.2 0.4
kilometers

N

Great Bear Resources Ltd.

Soil Survey Thematic Map: Bi

Figure. 8


6,890,000m
6,889,500m
6,889,000m
6,888,500m
6,888,000m
6,887,500m
6,887,000m
384,000m
384,500m
385,000m
385,500m
Legend:
Road
Topography (100ft)
Creek
UTM (500m)
Claims Boundary
Mo in Soil ppm
20 to 100
10 to 20
5 to 10
2 to 5
0.5 to 2
0.25 to 0.5
Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12
Etzel Camp
Mt. Nansen Road
0
250
500
meters
N
Great Bear Resources Ltd.
Soil Survey Thematic Map: Mo
Figure. 9

13.4 Zinc

Zinc (Figure 10) across the sampled area returned low values when in comparison to more base metal rich systems. However as can be seen in Figures 13 and 14 both copper and lead have elevated values but again not as elevated as if this was a large base metal deposit. Drilling and trench mapping show that most of the sulphides present are disseminations of pyrite but sphalerite and chalcopyrite are also present in small amounts both as disseminations and within stringers especially at depth in the drilling. Core assays substantiate the visual examinations for all three elements.

In the soils there is, in general, a direct correlation between elevated zinc, >100 ppm Zn, and interpreted gold trends. Certainly the possible extension of the BYG Zone illustrates this generality but it should also be noted that some local highsnare offset downslope from gold trends and this, with zinc being more mobile in the geochemical environment, is to be expected. In the vicinity of the 2011 diamond drilling the interpreted gold trend is coincident with the known mineralization in holes DDH ET11-02 and DDH ET11-03 is also accompanied by a zinc anomaly which is most pronounced on Line 5 by a high of 238 ppm Zn.

The flexed structure noted under the section on molybdenum also contains elevated zinc values along its trace.

13.5 Antimony

This element, Figure 11, shows a range of values over the gridded area. Along the presumed extension of the BYG Zone values are variable but generally elevated with most being >4 ppm Sb certainly at the northwest end of the gold trend. This decreases along strike to the southeast.

The strongest Sb readings occur on Lines 5 and 6 sub-parallel to several gold trends and these define a zone that is approximately 200 m wide.

In the area of the 2011 diamond drilling, the Sb response is relatively low even along strike from the known gold mineralization. The wide zone mentioned above is located immediately to the south.

The flexure and the accompanying NNE trending “structure” mentioned in other sections and occurring at about 383850 mE and 6888550 mN has a strong response of 20.3 ppm Sb. Values along its trace to the north are variable.

13.6 Silver

In general silver values (Figure 12) are low with most samples reporting at <1.0 ppm Ag. The one gold trend, referred in other sections, does display elevated to anomalous values throughout its strike length with the best being 7.4 ppm Ag on Line 5 at about 384420 mE and 6888480 mN.

Other gold trends also have coincident Ag values with the one in the vicinity of the drilling being no exception. However this trend becomes more enriched to the NW and less so to the SE. The flexure, again mentioned in other sections, has a well defined two station anomaly of 3.7 ppm Ag and 4.9 ppm Ag with shoulders dramatically decreasing to 0.7 ppm Ag and 0.9 ppm Ag, Values to the NW along strike in this gold trend are either not reported (1985 data) or for this survey remain elevated in the range of 1.6 to 2.5 ppm Ag, 200 m to the SE.

6,890,000m
6,889,500m
6,889,000m
6,888,500m
6,888,000m
6,887,500m
6,887,000m
384,000m
384,500m
385,000m
385,500m

Legend:

- Road
- Topography (100ft)
- Creek
- UTM (500m)
- Claims Boundary

Zn in Soil ppm

- 200 to 1000
- 150 to 200
- 100 to 150
- 75 to 100
- 50 to 75
- 0 to 50

Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12

Etzel Camp

Mt. Nansen Road

0 250 500
meters

N

Great Bear Resources Ltd.

Soil Survey Thematic Map: Zn

Figure. 10

384,000m
384,500m
385,000m
385,500m
6,890,000m
6,889,500m
6,889,000m
6,888,500m
6,888,000m
6,887,500m
6,887,000m

Legend:

- Road
- Topography (100ft)
- Creek
- UTM (500m)
- Claims Boundary

Sb in Soil ppm

- 20 to 100
- 10 to 20
- 5 to 10
- 2 to 5
- 1 to 2
- 0 to 1

Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12

Etzel Camp

Mt. Nansen Road

0 250 500
meters

N

Great Bear Resources Ltd.

Soil Survey Thematic Map: Sb

Figure. 11

6,890,000m
6,889,500m
6,889,000m
6,888,500m
6,888,000m
6,887,500m
6,887,000m
384,000m
384,500m
385,000m
385,500m

Legend:

- Road
- Topography (100ft)
- Creek
- UTM (500m)
- Claims Boundary

Ag in Soil ppm

- 4 to 5
- 3 to 4
- 2 to 3
- 1 to 2
- 0.5 to 1
- 0.25 to 0.5

Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12

Etzel Camp

Mt. Nansen Road

0 250 500
meters

N

Great Bear Resources Ltd.

Soil Survey Thematic Map: Ag

Figure. 12

From the Rockhaven Resources website however some of the Ag values from the 2011 drilling indicate a range of 6 to 585 gpt Ag in the Klaza Zone and from 52 to 342 gpt Ag in the BYG Zone. Although not reported on this property it is interpreted that any soil data in the vicinity of these zones would be enriched in silver but perhaps represented by narrow anomalies as they are on the Etzel ground.

13.7 Copper

Moderate to strong Cu responses (Figure 13) occur generally on Lines 2 thru 8. A few stations registering >50 ppm Cu are at the SW end of Line 1 while Line 9 has a continuous band ranging from 50 to 200 ppm Cu. Lines 10 to 12 have but a few values in the range of 50-100 ppm Cu.

In comparison to gold, the anomalous Cu stations at the SW end of Line 2 correspond directly but down slope from the apex of three gold trends which may represent the SE extension of the BRX Zone on the Klaza Property. This anomaly may also match what might be the structure related to the flexure as mentioned below.

On Line 3, the anomalous stations occur within the vicinity of the flexure zone at about 383874 mE and 6888539 mN which also has a strong gold response. The few anomalous values at the SW end of Line 4 may also be related to the flexure structure but they are also conincident with well developed gold trends.

Although gold trends occur at the southwest end of Line 5, they are short and appear to be discontinuous. There is also a possilility of a NE trending interpreted structure at this location.

Weak gold trends have also been outlined on Lines 6 and 7 again at or close to their SW terminations. Copper anomalies here are directly conincident.

To the NE on Line 7 and at about 384630 mE and 6887830 mN on Line 8 is a cluster of anomalous Cu. In both cases they are coincident with gold trends.

The Cu data shows only a weak response to the gold anomalies to the northeast and which may be the strike continuation of the BYG Zone.

The Cu data/responses are similar to those of Mo. The coincidence suggests a common source or sources. They may reflect structures, such as the flexure previously mentioned or they may represent possible intrusive bodies of limited width but extended strike lengths. From the data on the current Rockhaven Resources Ltd. website which describes the Klaza Property, the mineralized veins/breccias are directly related to late NW trending quartz-feldspar porphyry dykes hosted by granitic rocks. Similar dykes have been mapped in the Etzel trenches and in outcrop to the north of the transecting road.

13.8 Lead

Figure 14 is a thematic map of the Pb soil data and the anomalies have a distinctly different distribution in comparison to Cu or Mo. Here Pb more closely corresponds to the gold trends as refered to in other sections including that trend drilled in this current program.

As with the other elements, Pb also has anomalous readings directly related to the flexure structure on Line 3.

6,890,000m
6,889,500m
6,889,000m
6,888,500m
6,888,000m
6,887,500m
6,887,000m
384,000m
384,500m
385,000m
385,500m

Legend:

- Road
- Topography (100ft)
- Creek
- UTM (500m)
- Claims Boundary

Cu in Soil ppm

- 500 to 1000
- 200 to 500
- 100 to 200
- 50 to 100
- 25 to 50
- 0 to 25

Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12

Etzel Camp

Mt. Nansen Road

0 250 500
meters

N

Great Bear Resources Ltd.

Soil Survey Thematic Map: Cu

Figure. 13

6,890,000m
6,889,500m
6,889,000m
6,888,500m
6,888,000m
6,887,500m
6,887,000m
384,000m
384,500m
385,000m
385,500m

Legend:

- Road
- Topography (100ft)
- Creek
- UTM (500m)
- Claims Boundary

Pb in Soil ppm

- 100 to 1000
- 75 to 100
- 60 to 75
- 45 to 60
- 25 to 45
- 0 to 25

Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12

Etzel Camp

Mt. Nansen Road

0 250 500
meters

N

Great Bear Resources Ltd.	
Soil Survey Thematic Map: Pb	
	Figure. 14

Of note is the string of anomalous values on Line 11, at about 385270 mE, 6887610 mN, which corresponds with a similar pattern for gold and the definition of a NE gold trend.

14.0 Interpretations and Conclusions

The 2011 program was a minimal examination of the SW portion of the Etzel property but it was successful in delineating new targets and testing some historical showings. Figure 15 illustrates some of the current gold soil data, contours and trends, as well as the interpreted Klaza Property Zones including the possible extension of one onto the Etzel Property In addition the soil data indicates a series of parallel or sub-parallel NE or NNE trending linear features which have been interpreted as faults.

Trenching revealed a strong mineralized zone in ET TR11-D which could be directly related to phyllitic alteration, pyrite mineralization and more importantly to the intersections in holes DDH ET11-02 and 03. This interpretation has defined a NW-SE strike for the mineralization or matching that of the soil sample anomalies (see A on Figure 15)

Allowing for offsets, as defined by the terminations in the soil data, it would seem reasonable to extend the mineralization from the neighboring Klaza Property. The BYG zone may intersect the Etzel grid at the south end of Line 1 (yellow shading on Figure 15) and extend to the SW to its termination midway through Line 4. From here it is offset to the south by about 100 m where it continues, albeit more weakly, to Line 9. Here another NNE structure offsets it once again where in continues on Line 11.

The large number of gold trends on Etzel no doubt mark the probable extensions of the other Klaza zones however even to define the BYG Zone may be optimistic.

All work was undertaken in an area underlain predominately by altered granodiorite, however historical mapping has shown that the NE portion of the property is underlain by intermediate volcanics intruded by felsic porphyry dykes. These same dykes can be related to the mineralization on the Klaza Property and have been mapped in the 2011 trenches.

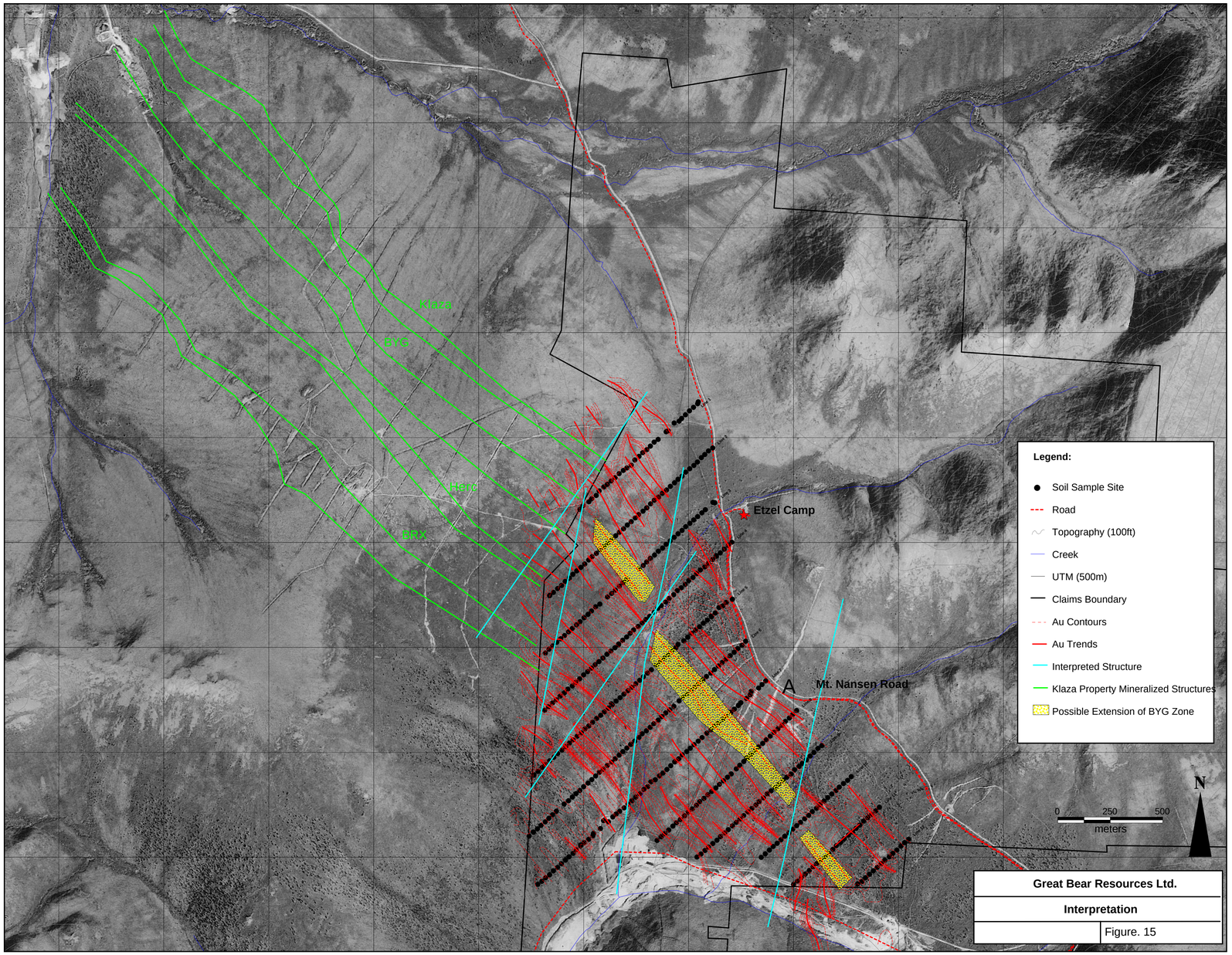
This interpretation based on the core logging, soil sampling and trench mapping in addition to some of the historical data formulates the following conclusions:

1. The area of interest is underlain by granodiorite that has been fractured, altered and mineralized primarily with pyrite but also sphalerite as disseminations or in veins.

2. Mt. Nansen volcanics outcrop to the N and NE and therefore the mineralization occurs at or near the contact between these rocks and the granodiorite.

3. The soil data for gold has defined numerous anomalies >100 ppb Au.

4. The soil data has also outlined late offsets of the underlying rocks and mineralization through abrupt terminations in the data trends.



Great Bear Resources Ltd.	
Interpretation	
	Figure. 15

5. The various mineralized zones from the Klaza Property continue onto the Etzel claims although further definition is required.

6. There appears to be a change in the soil anomaly trend at the SE boundary of the property at the ends of Lines 11 and 12 and this may be due to late quartz feldspar dykes or syenite dykes shown on the Pearl Resources geological maps.

7. The style of mineralization and the accompanying alteration pattern seems to support an epithermal origin for the gold mineralization.

8. The Cu and Mo soil data has a close correspondence and may be related to narrow quartz-feldspar dykes/intrusives that host quartz-sulphide veins on the neighbouring Klaza Property.

9. Lead soil data closely mimics the gold results and suggests a close relationship and probably a nearby source.

10. In comparison to the 1986 soil sampling (not presented) which had some minor overlaps, the elemental values in general from the 2011 are significantly higher.

15.0 Recommendations

The interpretation and conclusions combine to formulate the following recommendations:

1. Compilation of historical data should be continued especially for the development of a geological outcrop map and the soils collected to the north of the transecting road.

2. Check geological mapping including rock sampling should be undertaken in conjunction with prospecting and continued synthesis of all data.

3. Excavator trenching should be expanded to areas having anomalous soil anomalies and particularly to further define the main mineralized zones from the adjoining Klaza property.

4. All trenches should be mapped and systematically sampled.

5. A minimum 2000 m diamond drill program should be completed on new targets before the conclusion of the next exploration program.

16.0 Expenditures and Proposed Budget

The claimed expenditures on the Etzel property during the 2011 field season are $600,779.88 derived from monies spent on drilling, trenching, soil sampling and reclamation/mob/demob operations. The breakdown of the statement of costs can be found in Appendix 1.

A preliminary budget of $1,020,000 is presented in Table 6 as a base for discussions in 2012.

Table 6: Preliminary Proposed Budget

Salaries / Wages / Consultants		150,000.00
Diamond drilling		450,000.00
Mapping		10,000.00
Trenching		10,000.00
Camp Expenses		100,000.00
Field Expenses		20,000.00
Field Vehicles		28,000.00
Communications		5,000.00
Assays		100,000.00
Travel		10,000.00
Report/drafting		15,000.00
Land payments / permitting		10,000.00
		908,000.00
12% contingency		108,960.00
		1,016,960.00
	say	**1,020,000.00**

Respectfully Submitted,

" Chris Amy"

Peter Dadson , B.Sc., P.Geol.

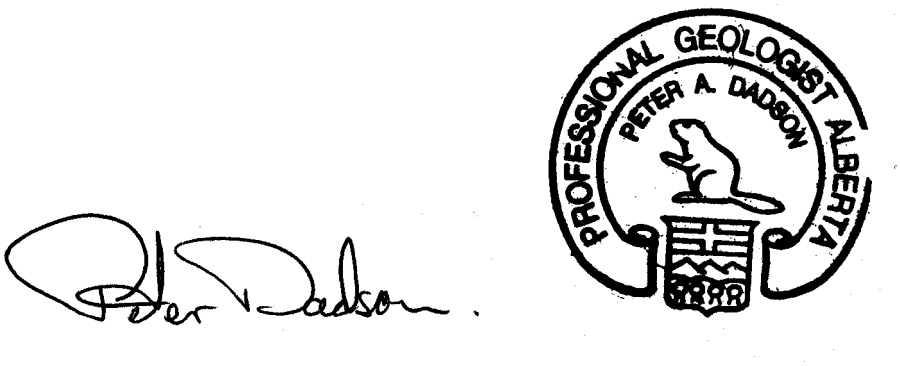
Chris Amy, B.Sc.

Vancouver, April 25, 2012

17.0 Statements of Qualifications

I, Peter Dadson, of 52 Hirtle's Beach Road, Kingsburg, Nova Scotia, hereby certify that:

1. I am a graduate of Carleton University, Ottawa (1974) with a Bachelor of Science degree in geology.
2. I am a self-employed geologist retained by Coast Mountain Geological Ltd. of 620-650 West Georgia Street, Vancouver, British Columbia.
3. I have been working in the profession since 1974 in Canada, the United States of America, Albania and West Africa.
4. I am a member in good standing in the following professional associations:
    a) Association of Professional Engineers and Geoscientists of Alberta (Member No. M63980)
    b) Society of Economic Geologists
    c) Society for Geology Applied to Mineral Deposits
5. I have read the definitions of "Qualified Person" set out in NI 43-101 and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfil the requirements to be a "Qualified Person for the purposes of NI 43-101.
6. I am the co-author for the preparation of the report titled "Assessment Report on the 2011 Trenching, Diamond Drilling and Soil Sampling Program, Etzel Property, Whitehorse Mining District, Yukon Territory" dated April 25, 2012 utilizing my experience as project manager of the 2011 exploration program.
7. I was on-site numerous times during the program including the final demob of the camp site.
8. To the best of my knowledge, information and belief, this report contains all the scientific and technical information that is required to be disclosed to make this report not misleading.
9. I have had no direct involvement with Ansell Capital Corp. other than in the role of consultant through Coast Mountain Geological Limited.



Peter Dadson, B.Sc., P.Geol.

Dated in Vancouver, BC, this 25th day of April, 2012

I, Chris Amy, B.Sc. DO HEREBY CERTIFY that:

1. I am a graduate of the University of British Columbia, with a B.Sc. in Earth and Ocean Science (2008).
2. I am presently employed as a geologist by Coast Mountain Geological Ltd.
3. I have worked as an exploration geologist for 2 years.
4. I am the junior author and am, in part, responsible for the preparation of the report titled "Assessment Report on the 2011 Trenching, Diamond Drilling and Soil Sampling Program, Etzel Property, Whitehorse Mining District, Yukon Territory" dated April 25, 2012 which is based on my review of available literature and data collected on the Property by myself and co-workers between August and October, 2011.

Dated this 25th day of April, 2012 in Vancouver, BC

Respectfully submitted,

"Chris Amy"

_____

Chris Amy, B.Sc.

Coast Mountain Geological Ltd.

18.0 Bibliography and References

Andersen, F. and Stroshein, R., 1998. Geology of the Flex Gold-Silver Vein System, Mount Nansen Area, Yukon. In: Yukon Exploration and Geology 1997, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 139-142.

Carlson, G.G., 1987. Geology of Mount Nansen (115-I/3) and Stoddart Creek (115-I/6) Map Areas, Dawson Range, Central Yukon. Indian and Northern Affairs Canada Northern Affairs: Yukon Region Open File 1987-2.

Campbell, D., 1983. Summary Review on Mount Nansen Property, Carmacks, Yukon Territory, Canada. Report for Mount Nansen Gold and Silver Ltd.

Campbell, D., 1994. Feasibility Study Report on Mount Nansen Gold Project in Yukon Territory, Canada, Volume 1. Report for BYG Natural Resources Inc.

Denholm, E., Dumka, D. and Farquharson, G., 2000. A Review of the Mount Nansen Property, Yukon Territory. Unpublished report for Department of Indian Affairs and Northern Development.

Eaton, W.D., 1986. Report on Geological, Geochemical, Geophysical, Trench and Drilling Results from Work Done between June 15 and September 27, 1985 on the Mount Nansen Property Located at Latitude 62°05'N and Longitude 137°08'W on NTS Mapsheet 115I/3. Yukon Mineral Assessment Report. Document No: 091825.

Eaton, W.D., and Archer, A.R., 1989. Report on the Geology and Mineral Inventory of the Mount Nansen and Tawa Properties, Yukon Territory with Assessment of the Economical Potential for Open Pit Mining of Oxidized Mineralization in the Brown-McDade Zone. Report for BYG Natural Resources Inc and Chevron Minerals Ltd.

Ellemers, M. and Stroshein, R., 2005. Discovery Creek Project Exploration Report for 2004 Diamond Drilling on the VIC Mineral Claims for Aurchem Exploration Ltd.

Evans, A.M., 2005. Ore Geology and Industrial Minerals: An Introduction. Blackwell Publishing. P. 262-271.

Fransen, J.P., 1986. Report on the Etzel Mineral Property for Pearl Resources Ltd.

Gunn, D., and Unknown author, 1981. Feasibility Report on Mount Nansen Mine, Carmacks, YT. Report by Dolmage Campbell and Associates (1975) Ltd, Vancouver, Canada.

Gunn, D., and Unknown author, 1982. Feasibility Report on Mount Nansen Mine, Carmacks, YT. Report by Dolmage Campbell and Associates (1975) Ltd, Vancouver, Canada.

Hart, Craig J.R., and Langdon, Mark. Geology and mineral deposits of the Mount Nansen camp, Yukon.

In: Yukon Exploration and Geology 1997, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p.129-138.

Hiner, J.E. and Mundenk, H, 2010, Summary Report on the 2010 Trenching and Diamond Drilling Program, Charlotte Property

Langdon, M., 1989. 1989 Exploration Program: Report on Trenching, Geology, Magnetometer Survey and Soil Geochemical Survey Carried Out on Wedge 5, Wedge 6, Wedge 7, Wedge 8, Wedge 9, Wedge 10, Wedge 15, Ras 1, Ras 2, Ras 3, Ras 4, MSL, Bit 1, Bit 2, Bit 3, Bit 4, Bit 5 for Aurchem Exploration Ltd. Yukon Mineral Assessment Report. Document No: 092770.

Langdon, M., 1993. Report on a Soil Geochem Survey Carried Out on the Discovery Creek Property for Aurchem Exploration Ltd. Yukon Mineral Assessment Report. Document No: 093138.

Langdon, M., 1997. Summary Report on the Diamond Drilling Program of January 1997 to March 1997 Carried Out on the Claims of JON WEDGE-2F, JBF-1F, JBF-4F, JBF-6F, JBF-7F, J.BILL-30, BULL-1, BULL-2. Yukon Mineral Assessment Report. Document No: 093701.

Lecuyer, N.L., 1997. Mount Nansen Property Huestis and Webber Zones Feasibility Study. Reort for BYG Natural Resources Inc.

McClintock, J. 1986. Geological and Geochemical Report on the Etzel and Wedge Claims, Whitehorse Mining District, Yukon Territory.

Melling, D.R., 1995. Summary Report: 1995 Exploration Program on Mount Nansen Gold Project, Carmacks, Yukon Territory, Canada. Report for BYG Natural Resources Inc.

Middelton, R.S., 2009. National Instrument 43-101 Report on the Mount Nansen Property and the Tawa Property, Whitehorse Mining District, Yukon Territory for 101073531 Saskatchewan Ltd.

Rodger., R.J., 1995. Review of Proposed Work Programme on Mount Nansen Property. Report for BYG Natural Resources Inc.

Rodger, R.J., 1996. Property Evaluation Report on Tawa Mineral Property and Arctic Mineral Property. Report for Trumpeter Yukon Gold Inc (a subsidiary of BYG Natural Resources Inc).

Roth, J., 1991. Report on Magnetic and IP Surveys Discovery Creek Project Yukon Territory for Aurchem Exploration Ltd. Yukon Mineral Assessment Report. Document No: 092987.

Salter, RS, Furey, J.T. and McPhail, R.S., 1989. An Investigation of the Recovery of Gold from Nansen Project Samples Submitted by Archer Cathro and Associates (1981) Ltd per Melis Engineering Progress Report No 2.

Salter, R.S., Jackman, I., and MacPhail, R.S., 1989. An Investigation of the Recovery of Gold from Nansen Project Samples Submitted by Archer Cathro and Associates (1981) Ltd per Melis Engineering Progress Report No 1.

Saunders, C.R. 1980. Report on the TAWA Property, Mount Nansen Area, Yukon Territory for BRX Mining & Petroleum Corp.

Sawyer, J.B.P. and Dickinson R.A., 1975. Porphyry Mineralization at Mount Nansen. Private Report.

Sinclair, W.D., 2007, Porphyry deposits, *in* Goodfellow, W.D., ed., Mineral Deposits of Canada: A
Synthesis of Major Deposit-Types, District Metallogeny, the Evolution of Geological Provinces, and Exploration Methods: Geological Association of Canada, Mineral Deposits Division, Special Publication No. 5, p. 223-243.

Stroshein, R.W., 2007a. Geological Exploration Summary Mount Nansen Project Brown McDade Deposit (Core Claims), Yukon Territory. Report for Department of Energy, Mines and Resources, Assessment and Abandoned Mines Branch and Pricewatershousecoopers Inc.

Stroshein, R.W., 2007b. Geological Exploration Summary Mount Nansen Project Brown McDade Deposit (Peripheral Claims), Yukon Territory. Report for Department of Energy, Mines and Resources, Assessment and Abandoned Mines Branch and Pricewatershousecoopers Inc.

Taylor, B.E., 2007, Epithermal gold deposits, *in* Goodfellow, W.D., ed., Mineral Deposits of Canada: A Synthesis of Major Deposit-Types, District Metallogeny, the Evolution of Geological Provinces, and Exploration Methods: Geological Association of Canada, Mineral Deposits Division, Special Publication No. 5, p. 113-139.

Unknown author, 1996. Mill Production Memo for BYG Natural Resources Inc.

Unknown author, 1984. Summary Review on Mount Nansen Property, Carmacks, Yukon Territory, Canada. Report for Nansen Mining Corporation.

Unknown author, 1994. Mount Nansen Project Summary Report. Report for BYG Natural Resources Inc.

Unknown author, 2008. An Exploration Report for the Mount Nansen Property, Yukon, Canada. Report for 101073531 Saskatchewan Ltd.

Walls, M.J. and Eaton, W.D., 1987. Nansen Project Final Report. Yukon Mineral Assessment Report. Document No: 092122.

Walls, M.J. and Eaton, W.D., 1988. Tawa Property 1988 Final Report. Yukon Mineral Assessment Report. Document No: 092585

APPENDIX 1

Expenditures

Etzel Property Expenditures 2011

Airfare	15,663.78
Accommodation	16,487.48
Freight	6,960.59
Meals	13,606.78
Mobilization/Demobilization Expenses	4,696.75
Assays	43,481.87
Field Supplies	17,430.38
Expediting	9,992.46
Excavator	45,133.00
Fuel	19,868.89
Permits	275.00
Communication	3,213.15
Vehicle Maintenance	1,475.64
Camp Rental	18,770.00
Equipment Rental Core Saws Etc	10,323.41
Container Rental	1,500.00
Trailer Rental	2,400.00
Field Gear Rental	5,355.00
ETV Rental	8,400.00
ATV Rental	4,350.00
Truck Rental	7,575.00
Personnel	229,092.50
Drilling	114,728.20
Total 2011 expenditures	**600,779.88**

APPENDIX 2

Personnel

Personnel

Jay Page senior project geologist	Coldstream, B.C.	Aug. 24 to Oct. 8, 2011
Peter Dadson project manager	Kingsburg, Nova Scotia	Aug. 21, 2011 Sept. 13, 2011 Sept. 27 to Oct. 9, 2011
Chris Amy junior geologist	Vancouver, B.C.	Aug. 31 to Oct. 1, 2011
Nicola Struyk senior project geologist	Vancouver, B.C.	July 31, 2011 Aug. 5 to Aug. 8, 2011 Aug. 13, 15, 17, 18, 2011 Aug. 20 to 25, 2011
Munro Pickering CMG Safety Supervisor	Rossland, B.C.	Aug. 17 to Aug. 26, 2011
Laura Betton junior geologist	Victoria, B.C.	Aug. 22 to Aug. 31, 2011
Kevin Graber senior technician	Vancouver, B.C.	Aug. 7, 2011 Aug. 17 to Aug. 28, 2011 Sept. 7 to Sept. 28, 2011 Oct. 1 to Oct. 11, 2011
Marco Zatta senior technician	Ontario	Sept. 11 to Oct. 11, 2011
Jon Baron junior technician	Vancouver, B.C.	Aug. 17 to Aug. 28, 2011
John Chinn junior technician	Vancouver, B.C.	Aug. 17 to Sept. 14, 2011
Michael Dammeier junior technician	Listowel, Ontario	Aug. 31 to Oct. 8, 2011
M. Dean junior technician	Christina Lake, B.C.	Aug. 22 to Sept. 1, 2011
Franklyn Skeete junior technician	Vancouver, B.C.	Aug. 22 to Sept. 2, 2011
Brent Albert junior technician	Carmacks, Yukon	Sept. 1 to Sept. 29, 2011
Robert Parsons junior technician	Powell River, B.C.	Sept. 24 to Sept. 29, 2011

Douglas Scoffield junior technician	Vancouver, B.C.	Sept. 24 to Oct. 11, 2011
Emily Roeder junior technician	Portland, Oregon	Sept. 24 to Oct. 11, 2011
D. Shiner junior technician	Carmacks, Yukon	Aug. 20 to Sept. 2, 2011
Bob Patles cook	Carmacks, Yukon	Sept. 9 to Sept. 27, 2011
Jeff Salsburg cook	Coquitlam, B.C.	Aug. 13, 2011 Aug. 22 to Sept. 11, 2011

APPENDIX 3

Trench Logs and Maps

Trench Name	ET TR11-A
Location	Etzel Property
Total length	100.5
Date(s) Mapped	Sept/5-7/2011
Loggers	Chris. A
Number of samples	50

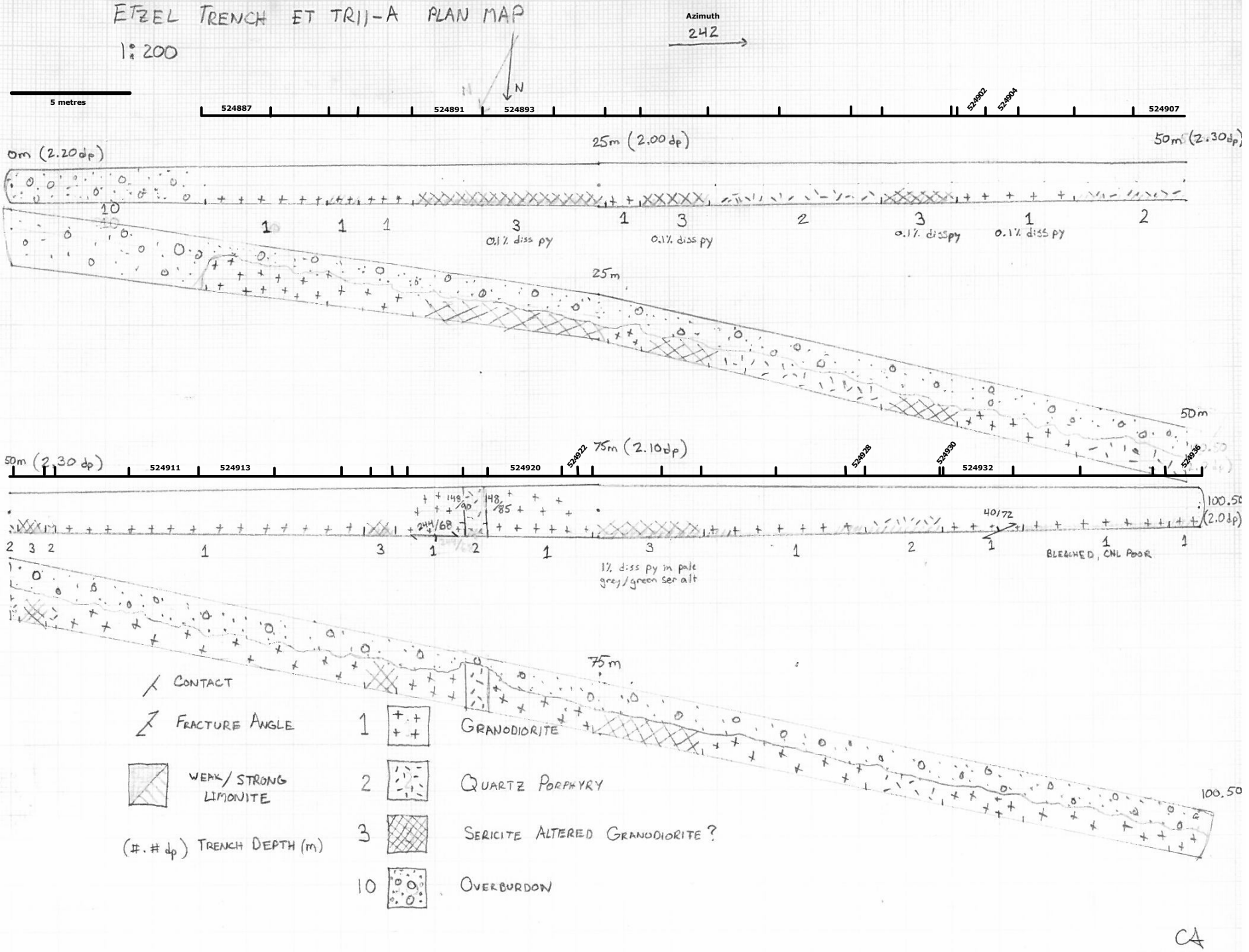
From	To	Lithology	Comments
0.00	8.20	Overburden	
8.20	13.45	Granodiorite	
13.45	14.75	Granodiorite	
14.75	17.10	Granodiorite	
17.10	25.25		Strong and pervasive limonite altered rock
25.25	26.80	Granodiorite	
26.80	29.75		Strong and pervasive limonite altered rock
29.75	37.05	Quartz Porphyry	
37.05	40.25		Strong and pervasive limonite altered rock
40.25	45.35	Granodiorite	
45.35	47.80	Overburdon	
47.80	50.30	Quartz Porphyry	
50.30	51.50		Strong and pervasive limonite altered rock
51.50	51.90	Quartz Porphyry	
51.90	65.00	Granodiorite	
65.00	66.30		Strong and pervasive limonite altered rock
66.30	69.30	Granodiorite	
69.30	70.25	Quartz Porphyry	
70.25	74.70	Granodiorite	
74.70	79.45		Strong and pervasive limonite altered rock
79.45	86.35	Granodiorite	
86.35	89.60	Quartz Porphyry	
89.60	93.00	Granodiorite	
93.00	99.20	Granodiorite	
99.20	100.50	Granodiorite	

Logged By: Chris. A
Trench: ET TR11-A
Mapping Direction SW
Face mapped (NSEW) NW

Primary Intervals		Lith Code	Lithology	Description	Mineralization	Alteration							NE Contact		SW Contact	
From	To				Py%	Rock Colour	Si	Ser	Lim	Chl	Epi	Fracture Intensity	Strike/dip	Description	Strike/dip	Description
0.00	8.20	10	Overburdon	Orange brown sand, clay, and 50% 5-10cm angular rock fragments	0	orange brown			4							
8.20	13.45	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 15% potasium feldspar, moderate disseminated chlorite alteration, trace epidote. Very weak limonite oxidation. In places trace biotite. Large blocks up to 60cm.	0	green grey			1	2	1	3				
13.45	14.75	1	Granodiorite	Strong pervasive limonte oxidation, unit is very broken up with irregular contacts.	0	orange			4			4	?/80	Irregular	?/80	Irregular
14.75	17.10	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 15% potasium feldspar, moderate disseminated chlorite alteration, trace epidote. Very weak limonite oxidation. In places trace biotite. Large blocks up to 60cm.	0	green grey			1	2	1	3		Irregular		Irregular
17.10	25.25	3		orange and grey, moderate to strong pervasive limonte oxidation. Centers of larger blocks are grey green, matrix appears weakly silicified, with sericite altered feldspars. In areas of moderate oxidation feldspars are prefferencially oxidized. 0.1% diss pyrite through out.	0.1	orange grey	2	2	4			3		Irregular		Irregular
25.25	26.80	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 15% potasium feldspar, moderate disseminated chlorite alteration, trace epidote. Very weak limonite oxidation. In places trace biotite. Large blocks up to 60cm.	0	green grey			1	2	1	3		Irregular		Irregular
26.80	29.75	3		Pale orange with trace grey. Similar to 17.10-25.25m. Fine to medium grained, 0.1% disseminated pyrite, white grey areas with 5% sub mm feldspars. Few small cm zones of pale grey green silica sericite alteration.	0.1	pale orange	1	1	4			3		Irregular		Irregular
29.75	37.05	2	Quartz Porphyry	strongly weathered, quartz porphyry w/ euhedral quartz phenos up to 1cm wide. Fine grained pale olive green matrix (sauseritized? Sericite alteration, moderate silicification?). 1-2% completely oxidized pyrite. (Sample ET TR11-A1 taken at 34.60m)	0	grey/orange	1	1	3			3		Irregular		Irregular
37.05	40.25	3		Pale orange with trace grey. Similar to 17.10-25.25m. Fine to medium grained, 0.1% disseminated pyrite, white grey areas with 5% sub mm feldspars. Few small cm zones of pale grey green silica sericite alteration. (Sample ET TR11-A2 taken at 39.20m)	0.1	pale orange	1	1	4			3		Irregular		Irregular
40.25	45.35	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 15% potasium feldspar, moderate disseminated chlorite alteration, trace epidote. Very weak limonite oxidation. In places trace biotite. Large blocks 10-50cm. With 0.1% disseminated pyrite. Strong oxidation from 41.55-42.80m. Irregular contacts.	0.1	green			1	2	1	3		Irregular		Irregular
45.35	47.80	10	Overburdon	Grey and pink clay, sand, and gravel. Irregular contacts. 50cm zone of Granodiorite (same as 8.20-13.45m) at 46.20m.	0	grey/pink							?/80	Irregular	?/80	Irregular
47.80	50.30	2	Quartz Porphyry	Orange, strong limonite oxidized quartz porphyry w/ mm-sub cm quartz phenos. Matrix similar to 29.75-37.05m but with stronger overprinting oxidation. Very broken up. 50cm zone of grey and pink clay, sand, and gravel at 49.65m with contacts at ?/35. (Sample ET TR11-A3 taken at 49.35m)	0	orange		1	4			4		Irregular		Irregular
50.30	51.50	3		Pale orange with trace grey. Similar to 17.10-25.25m. Fine to medium grained, 1% disseminated pyrite, white grey areas with 5% sub mm feldspars. Few small cm zones of pale grey green silica sericite alteration. Few mm quartz eyes. Blocks with sub mm to mm white sericite altered feldspars, otherwise pervasive limonite oxidation. Lower contact at ?/50?	1	orange grey		1	4			4		Irregular	?/50	Irregular
51.50	51.90	2	Quartz Porphyry	Orange, strong limonite oxidized quartz porphyry w/ mm-sub cm quartz phenos. Matrix similar to 29.75-37.05m but with stronger overprinting oxidation. Very broken up.	0	orange		1	4			4		Irregular		Irregular
51.90	65.00	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 15% potasium feldspar, moderate disseminated chlorite alteration, trace epidote. Very weak limonite oxidation. In places trace biotite. Large blocks 10-50cm.	0	green grey			1	2	1	3		Irregular		Irregular
65.00	66.30	3		Pale orange with trace grey. Similar to 17.10-25.25m. 1-2% disseminated pyrite and limonite oxidized pyrite. Fine to medium grained, white grey areas with 5% sub mm feldspars. Few small cm zones of pale grey green silica sericite alteration.	2	orange grey		1	4			4		Irregular		Irregular
66.30	69.30	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 5% potasium feldspar, weak to no disseminated chlorite alteration, 1-2% disseminated biotite. Slightly bleached in areas and weak limonite oxidation. Large blocks 10-50cm. Fracture angle at 68m of 244/68.	0	green grey			1	1		3		Irregular		Irregular
69.30	70.25	2	Quartz Porphyry	Mm quartz phenos in strong pervasive limonte oxidation. Very brocken up w/ sand and clay.	0	orange			4			4	148/90	Irregular	148/85	Irregular
70.25	74.70	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 5% potasium feldspar, weak to no disseminated chlorite alteration, 1-2% disseminated biotite. Slightly bleached in areas and weak limonite oxidation. Large blocks 10-50cm. Increased limonite from 74.00-74.70m.	0	orange grey			1	1		3		Irregular		Irregular
74.70	79.45	3		orange and grey, moderate to strong pervasive limonte oxidation. Centers of larger blocks are grey green, matrix appears weakly silicified, with sericite altered feldspars. In areas of moderate oxidation feldspars are prefferencially oxidized. 0.1% diss pyrite through out. 1-2% diss pyrite in pervasive sericite altered pale grey green centers of blocks. Moderately blocky with blocks 10-50cm wide. (Sample ET TR11-A4 taken at 49.35m)	1	orange grey								Irregular		Irregular
79.45	86.35	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 15% potasium feldspar, moderate disseminated chlorite alteration, trace epidote. Very weak limonite oxidation. In places trace biotite. Large blocks 10-50cm wide. Zone of increased limonite oxide from 79.45-80.55m, and 85.15-86.35m.	0	green grey			1	2	1	3		Irregular		Irregular
86.35	89.60	2	Quartz Porphyry	MM quartz phenos within a strongly pervasive limonte oxidized matrix, unit is very broken up with irregular contacts.	0	orange			4					Irregular		Irregular
89.60	93.00	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 15% potasium feldspar, moderate disseminated chlorite alteration, trace epidote. Very weak limonite oxidation. In places trace biotite. Large blocks 10-50cm wide. Fracture angle at 92m of 040/72	0	green grey			1	2	1	3		Irregular		Irregular
93.00	99.20	1	Granodiorite	Grades into more bleached looking chlorite poor Granodiorite. Similar to 66.75-69.30m.	0	grey			2	1		4		Irregular		Irregular
99.20	100.50	1	Granodiorite	Strong pervasive limonte oxidation, unit is very broken up with irregular contacts.	0	orange			4			4		Irregular		Irregular

ETZEL TRENCH ET TRII-A PLAN MAP

1:200



CA

Etzel Property: 2011 Trench Samples

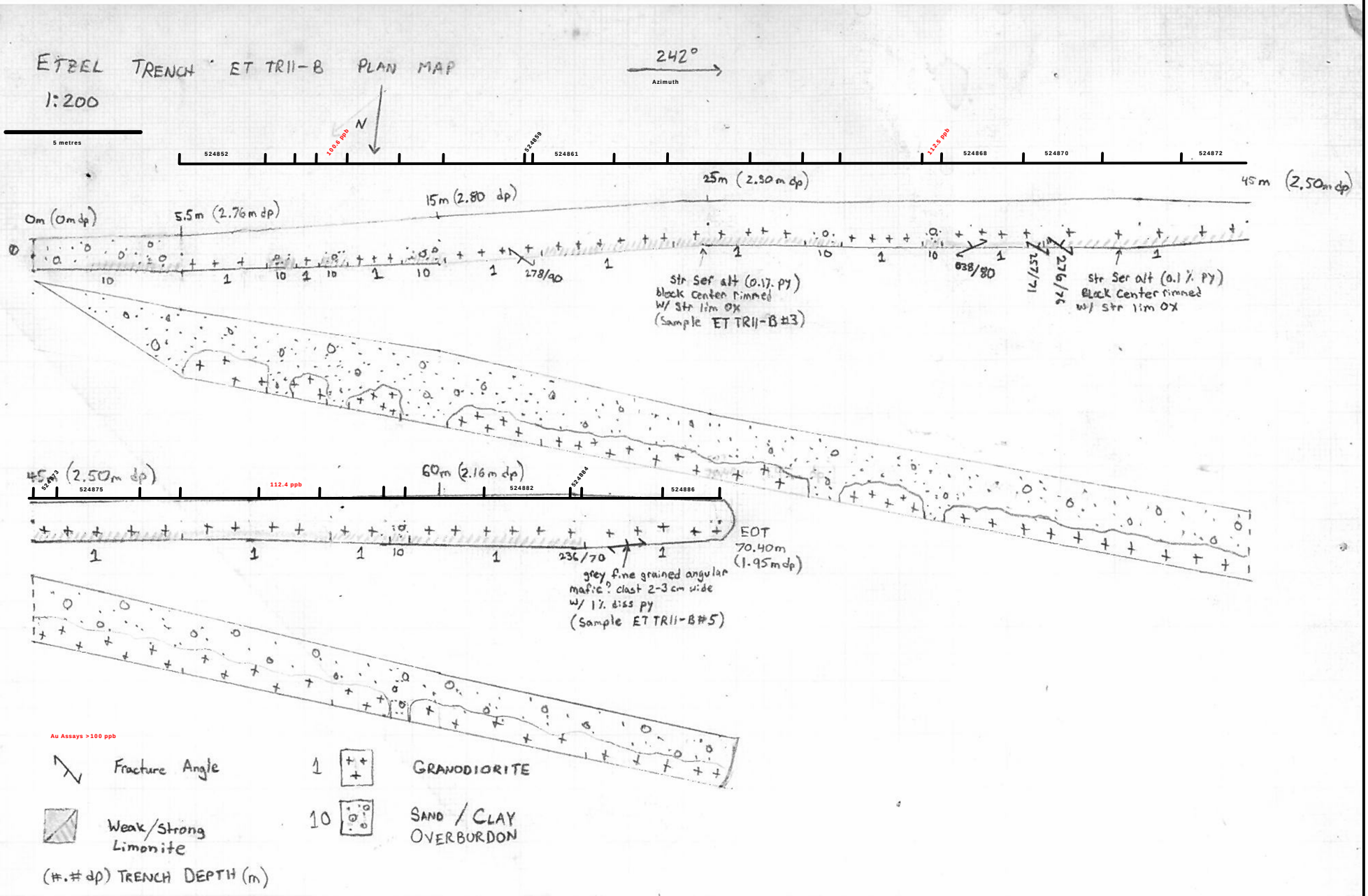
Sample	Location	Easting	Northing	From	To	Length	Type	Au ppb
524887	ET-TR11-A	385628.1	6887773.2	8.20	11.20	3.00	Rock/Soil	9.5
524888	ET-TR11-A	385625.7	6887772.2	11.20	13.45	2.25	Rock/Soil	9.1
524889	ET-TR11-A	385624.0	6887771.5	13.45	14.75	1.30	Rock/Soil	43.8
524890	ET-TR11-A	385622.3	6887770.8	14.75	17.10	2.35	Rock/Soil	9.3
524891	ET-TR11-A	385619.9	6887769.7	17.10	20.10	3.00	Rock/Soil	15.5
524892	ET-TR11-A						DUP	8.5
524893	ET-TR11-A	385617.1	6887768.6	20.10	23.10	3.00	Rock	1.9
524894	ET-TR11-A	385614.7	6887767.6	23.10	25.25	2.15	Rock	1.5
524895	ET-TR11-A	385613.0	6887766.8	25.25	26.80	1.55	Rock/Soil	5.7
524896	ET-TR11-A	385611.0	6887766.0	26.80	29.75	2.95	Rock/Soil	12.3
524897	ET-TR11-A	385608.2	6887764.8	29.75	32.75	3.00	Rock/Soil	15.3
524898	ET-TR11-A	385605.5	6887763.6	32.75	35.75	3.00	Rock/Soil	19.2
524899	ET-TR11-A	385603.5	6887762.8	35.75	37.05	1.30	Rock/Soil	10.7
524900	ET-TR11-A	385601.5	6887762.0	37.05	40.05	3.00	Rock/Soil	19.0
524901	ET-TR11-A	385600.0	6887761.3	40.05	40.25	0.20	Rock/Soil	2.4
524902	ET-TR11-A	385599.3	6887761.0	40.25	41.55	1.30	Rock/Soil	9.0
524903	ET-TR11-A						BLANK	<0.5
524904	ET-TR11-A	385598.2	6887760.5	41.55	42.80	1.25	Rock/Soil	23.8
524905	ET-TR11-A	385596.4	6887759.8	42.80	45.35	2.55	Rock/Soil	3.4
524906	ET-TR11-A	385594.1	6887758.8	45.35	47.80	2.45	Rock/Soil	7.1
524907	ET-TR11-A	385591.8	6887757.9	47.80	50.30	2.50	Rock/Soil	175.5
524908	ET-TR11-A	385590.1	6887757.1	50.30	51.50	1.20	Rock/Soil	10.2
524909	ET-TR11-A	385589.4	6887756.8	51.50	51.90	0.40	Rock/Soil	26.8
524910	ET-TR11-A	385587.8	6887756.2	51.90	54.90	3.00	Rock/Soil	15.7
524911	ET-TR11-A	385585.1	6887755.0	54.90	57.90	3.00	Rock/Soil	3.6
524912	ET-TR11-A						STD PM436	393.2
524913	ET-TR11-A	385582.3	6887753.8	57.90	60.90	3.00	Rock/Soil	12.9
524914	ET-TR11-A	385579.5	6887752.6	60.90	63.90	3.00	Rock/Soil	9.8
524915	ET-TR11-A	385577.7	6887751.8	63.90	65.00	1.10	Rock/Soil	10.7
524916	ET-TR11-A	385576.6	6887751.4	65.00	66.30	1.30	Rock/Soil	13.0
524917	ET-TR11-A	385575.8	6887751.0	66.30	66.75	0.45	Rock/Soil	16.5
524918	ET-TR11-A	385574.4	6887750.5	66.75	69.30	2.55	Rock/Soil	8.5
524919	ET-TR11-A	385572.8	6887749.8	69.30	70.25	0.95	Rock/Soil	21.6
524920	ET-TR11-A	385570.9	6887749.0	70.25	73.25	3.00	Rock/Soil	14.0
524921	ET-TR11-A			70.25	73.25		DUP	17.4
524922	ET-TR11-A	385569.2	6887748.3	73.25	74.00	0.75	Rock/Soil	14.4
524923	ET-TR11-A	385568.5	6887748.0	74.00	74.70	0.70	Rock/Soil	20.8
524924	ET-TR11-A	385566.8	6887747.3	74.70	77.70	3.00	Rock/Soil	6.3
524925	ET-TR11-A	385564.7	6887746.3	77.70	79.45	1.75	Rock/Soil	31.5
524926	ET-TR11-A	385562.5	6887745.4	79.45	82.45	3.00	Rock/Soil	25.8
524927	ET-TR11-A	385559.7	6887744.2	82.45	85.45	3.00	Rock/Soil	19.8
524928	ET-TR11-A	385557.9	6887743.5	85.45	86.35	0.90	Rock/Soil	23.6
524929	ET-TR11-A	385556.1	6887742.7	86.35	89.35	3.00	Rock/Soil	30.5
524930	ET-TR11-A	385554.6	6887742.0	89.35	89.60	0.25	Rock/Soil	22.5
524931	ET-TR11-A						BLANK	0.6
524932	ET-TR11-A	385553.1	6887741.4	89.60	92.60	3.00	Rock/Soil	39.1
524933	ET-TR11-A	385550.4	6887740.3	92.60	95.60	3.00	Rock/Soil	42.6
524934	ET-TR11-A	385547.6	6887739.1	95.60	98.60	3.00	Rock/Soil	33.0
524935	ET-TR11-A	385545.9	6887738.4	98.60	99.20	0.60	Rock/Soil	18.8
524936	ET-TR11-A	385545.1	6887738.0	99.20	100.50	1.30	Rock/Soil	66.9

Trench Name	ET TR11-B
Location	Etzel Property
Total length	70.40
Date(s) Mapped	Sept/02-04/2011
Loggers	Chris. A
Number of samples	36

From	To	Lithology	Comments
0.00	5.50	Overburden	
5.50	8.70	Granodiorite	
8.70	9.50	Overburden	
9.50	9.80	Granodiorite	
9.80	10.60	Granodiorite	
10.60	11.70	Overburden	
11.70	13.70	Granodiorite	
13.70	15.30	Overburden	
15.30	18.60	Granodiorite	
18.60	23.50	Granodiorite	
23.50	28.60	Granodiorite	
28.60	30.00	Overburden	
30.00	33.00	Granodiorite	
33.00	33.70	Overburden	
33.70	37.50	Granodiorite	
37.50	50.50	Granodiorite	
50.50	56.00	Granodiorite	
56.00	65.40	Granodiorite	
65.40	70.40	Granodiorite	

Logged By: Chris. A
Trench: ET TR11-B
Mapping Direction SW
Face mapped (NSEW) NW

Primary Intervals		Lith Code	Lithology	Description	Mineralization	Alteration								Fracture Intensity	NE Contact		SW Contact	
From	To				Py%	Rock Colour	Si	Ser	Lim	Chl	Epi	White Clay	Altn Style		Strike/ dip	Descrip.	Strike/d ip	Descrip.
0.00	5.50	10	Overburden	Orange brown, sand and clay w/ 50% 1-10cm wide angular rock fragments	0	orange brown			4									
5.50	8.70	1	Granodiorite	Green, medium to coarse grained, phaneritic, quartz, and 15% potasium feldspar. Mod pervasive chlorite alteration, trace weak sericite alteration of some feldspars, trace very weak epidote alteration. (Sample ET TR11-B #1 taken at 7.80m)	0	green		1		3	1		patchy, pervasive	3				
8.70	9.50	10	Overburden	Orange brown sand and clay grades into grades into very broken up granodiorite below. Contacts at ?/35-40°	0	orange brown			4						?/35-40	rubble	?/35-40	rubble
9.50	9.80	1	Granodiorite	Dark orange brown, very broken up, moderate to strong limonite altered w/ patchy 0-1% diss pyrite. Contacts at ?/35-40°. (Sample ET TR11-B #2 taken at 9.60m)	diss 1	orange brown			4				patchy, pervasive	5				
9.80	10.60	1	Granodiorite	Green, medium to coarse grained, phaneritic, quartz, and 15% potasium feldspar. Mod pervasive chlorite alteration, trace weak sericite alteration of some feldspars, trace very weak epidote alteration.	0	green		1		3	1		patchy, pervasive	3				
10.60	11.70	10	Overburden	Orange brown sand and clay.	0	orange brown			4						?/40	rubble	?/25	rubble
11.70	13.70	1	Granodiorite	Green, medium to coarse grained, phaneritic, quartz, and 15% potasium feldspar. Mod pervasive chlorite alteration, trace weak sericite alteration of some feldspars, trace very weak epidote alteration.	0	green		1		3	1		patchy, pervasive	3				
13.70	15.30	10	Overburden	Orange brown sand and clay.	0	orange brown			4						?	irregular	?/25	rubble
15.30	18.60	1	Granodiorite	Green, medium to coarse grained, phaneritic, quartz, and 15% potasium feldspar. Mod pervasive chlorite alteration, trace weak sericite alteration of some feldspars, trace very weak epidote alteration. At 17.80m fracture angle of 278/90.	0	green		1		3	1		patchy, pervasive	3				
18.60	23.50	1	Granodiorite	increased limonite alteration moving to the SW. Becomes more brocken up, rubbly, and sandy.	0	orange brown			4				patchy, pervasive	4				
23.50	28.60	1	Granodiorite	Becomes more blocky, strong limonite alteration rims around blocks. At 24.80m few cm wide zones at centers of blocks are not limonite altered w/ pale green pervasive moderte-strong sericite alteration. (Sample ET TR11-B #3 taken at 24.80m)	diss 0.1	orange/grey green		2	4				patchy, pervasive	3				
28.60	30.00	10	Overburden	Orange brown sand and clay.	0	orange brown			4						?	irregular	?/40	rubble
30.00	33.00	1	Granodiorite	Green, medium to coarse grained, phaneritic, quartz, and potasium feldspar. Mod pervasive chlorite alteration, trace weak sericite alteration of some feldspars, trace very weak epidote alteration.	0	green		1		3	1		patchy, pervasive	3				
33.00	33.70	10	Overburden	Orange brown sand and clay.	0	orange brown			4						?/60	rubble	?/60	rubble
33.70	37.50	1	Granodiorite	Grey white orange, medium to coarse grained, phaneritic, w/ quartz, and potasium feldspar. Areas appear bleached, w/ weak to no chlorite alteration, trace weak sericite alteration of some feldspars, few mm biotite crystals. At 34.70m fracture angle of 38/80. At 37.40m fracture angle of 257/71.	0	grey, white, orange		1	2	1	1		patchy, pervasive	3				
37.50	50.50	1	Granodiorite	Grey white orange, medium to coarse grained, phaneritic, w/ quartz, and potasium feldspar. Areas appear bleached, w/ weak to no chlorite alteration, trace weak sericite alteration of some feldspars, few mm biotite crystals. At 40.40m str limonite oxidation rims blocks of granodiorite, some block centers are pale grey green due to strong pervasive sericite alteration w/ 0.1% diss py. Re-appearence of disseminated chlorite alteration at 48m. At 38.20m fracture angle of 276/76.	diss 0.1	grey, white, orange			4	1			patchy, pervasive	3				
50.50	56.00	1	Granodiorite	Decreased limonite oxidation, and re-appearence of 5-10% potasium feldspar. Areas of white grey bleached colouration w/ disseminated chlorite alteration. (Sample ET TR11-B #4 taken at 55.50m of buff bleached granodiorite).	0	grey, white, orange			2	2			patchy, pervasive	3				
56.00	65.40	1	Granodiorite	increased to strong perv limonite oxidation. Very broken up. Short zone of orange brown sand/clay from 58.20-58.90m w/ irregular contacts at ?/60.	0	orange			4				patchy, pervasive	4				
65.40	70.40	1	Granodiorite	Decreased limonite oxidation, and re-appearence of 5-10% potasium feldspar. Areas of white grey bleached colouration w/ disseminated chlorite alteration. (Sample ET TR11-B #5 taken at 67m of grey fine grained angular mafic? clast 2-3cm wide w/ trace epidote and 1% disseminated pyrite. Clast within the granodiorite). At 67m fracture angle of 236/70.	diss 0.1	green, grey			1	2	1		patchy, pervasive	4				


ETBEL TRENCH · ET TR11-B PLAN MAP
1:200
5 metres
N
242°
Azimuth
100.8 ppb
112.4 ppb
112.5 ppb
524852
524859
524861
524868
524870
524872
524873
524875
524882
524884
524886
0m (0m dp)
5.5m (2.76m dp)
15m (2.80 dp)
25m (2.90m dp)
45m (2.50m dp)
60m (2.16m dp)
EOT
70.40m
(1.95m dp)
278/90
038/80
147/71
276/76
236/70
Str Ser alt (0.1% py)
Black Center rimmed
w/ Str lim ox
(Sample ET TR11-B #3)
Str Ser alt (0.1% PY)
Black Center rimmed
w/ Str lim ox
grey fine grained angular
mafic? clast 2-3 cm wide
w/ 1% diss py
(Sample ET TR11-B#5)
Au Assays >100 ppb
Fracture Angle
Weak/Strong
Limonite
1
GRANODIORITE
10
SAND / CLAY
OVERBURDON
(#.# dp) TRENCH DEPTH (m)

Etzel Property: 2011 Trench Samples

Sample	Location	Easting	Northing	From	To	Length	Type	Au ppb
Sample	Location	Easting	Northing	From	To	Length	Type	Au ppb
524851	ET-TR11-B						BLANK	<0.5
524852	ET-TR11-B	385613.7	6887832.8	5.50	8.70	3.20	Rock	17.4
524853	ET-TR11-B	385611.8	6887831.8	8.70	9.80	1.10	Rock/Soil	31.2
524854	ET-TR11-B	385610.9	6887831.4	9.80	10.60	0.80	Rock	15.2
524855	ET-TR11-B	385610.1	6887831.0	10.60	11.70	1.10	Rock/Soil	100.6
524856	ET-TR11-B	385608.7	6887830.2	11.70	13.70	2.00	Rock/Soil	10.7
524857	ET-TR11-B	385607.1	6887829.4	13.70	15.30	1.60	Rock/Soil	17.2
524858	ET-TR11-B	385605.0	6887828.4	15.30	18.30	3.00	Rock/Soil	13.4
524859	ET-TR11-B	385603.5	6887827.6	18.30	18.60	0.30	Rock/Soil	15.6
524860	ET-TR11-B						STD PM436	361.2
524861	ET-TR11-B	385602.1	6887826.9	18.60	21.60	3.00	Rock/Soil	58.3
524862	ET-TR11-B	385599.9	6887825.8	21.60	23.50	1.90	Rock	48.5
524863	ET-TR11-B	385597.7	6887824.7	23.50	26.50	3.00	Rock/Soil	14.9
524864	ET-TR11-B	385595.4	6887823.5	26.50	28.60	2.10	Rock/Soil	39.9
524865	ET-TR11-B	385593.9	6887822.7	28.60	30.00	1.40	Rock/Soil	18.0
524866	ET-TR11-B	385591.9	6887821.7	30.00	33.00	3.00	Rock/Soil	29.2
524867	ET-TR11-B	385590.3	6887820.9	33.00	33.70	0.70	Soil/Rock	112.5
524868	ET-TR11-B	385588.6	6887820.1	33.70	36.70	3.00	Rock/Soil	22.2
524869	ET-TR11-B						DUP	24.4
524870	ET-TR11-B	385585.9	6887818.7	36.70	39.70	3.00	Rock/Soil	43.7
524871	ET-TR11-B	385583.3	6887817.3	39.70	42.70	3.00	Rock/Soil	37.6
524872	ET-TR11-B	385580.8	6887816.1	42.70	45.20	2.50	Rock/Soil	7.8
524873	ET-TR11-B	385579.3	6887815.3	45.20	46.00	0.80	Rock/Soil	25.1
524874	ET-TR11-B						BLANK	<0.5
524875	ET-TR11-B	385577.6	6887814.5	46.00	49.00	3.00	Rock/Soil	28.0
524876	ET-TR11-B	385575.6	6887813.5	49.00	50.50	1.50	Rock/Soil	22.6
524877	ET-TR11-B	385573.6	6887812.4	50.50	53.50	3.00	Rock/Soil	20.6
524878	ET-TR11-B	385571.3	6887811.2	53.50	55.80	2.30	Rock/Soil	112.4
524879	ET-TR11-B	385569.2	6887810.2	55.80	58.20	2.40	Rock/Soil	76.0
524880	ET-TR11-B	385567.8	6887809.5	58.20	58.90	0.70	Rock/Soil	57.6
524881	ET-TR11-B	385566.1	6887808.6	58.90	61.90	3.00	Rock/Soil	21.5
524882	ET-TR11-B	385563.4	6887807.3	61.90	65.00	3.10	Rock/Soil	29.1
524883	ET-TR11-B						STD PM1129	3716.1
524884	ET-TR11-B	385561.9	6887806.5	65.00	65.40	0.40	Rock/Soil	26.7
524885	ET-TR11-B	385560.3	6887805.7	65.40	68.40	3.00	Rock/Soil	33.1
524886	ET-TR11-B	385558.1	6887804.6	68.40	70.40	2.00	Rock/Soil	28.7

Trench Name	ET TR11-C
Location	Etzel Property
Total length	53.10
Date(s) Mapped	Sept/08,09/2011
Loggers	Chris. A
Number of samples	12

From	To	Lithology	Comments
0.00	4.40	Overburden	
4.40	5.80	Granodiorite	
5.80	7.40	Clay Alt	
7.40	10.50	Overburden	
10.50	15.60	Granodiorite	
15.60	18.30	Overburden	
18.30	20.60	Granodiorite	
20.60	22.90	Overburden	
22.90	26.50	Clay Alt	
26.50	27.80	Overburden	
27.80	35.60		Strong and pervasive limonite altered rock
35.60	37.50	Overburden	
37.50	38.30	Clay Alt	
38.30	53.10	Overburden	

Logged By: Chris. A
Trench: TR ET11-C
Mapping Direction SE
Face mapped (NSEW) NE

Primary Intervals		Lith Code	Lithology	Description	Mineralization	Alteration								Fracture Intensity	NE Contact		SW Contact	
From	To				Py%	Rock Colour	Si	Ser	Lim	Chl	Epi	White Clay	Altn Style		Strike/ dip	Descrip.	Strike/d ip	Descrip.
0.00	4.40	10	Overburden	Orange clay and sand w/ cm wide angular rocks.	0	orange			4							irregular		irregular
4.40	5.80	1	Granodiorite	Strong oxidization overprints rock. Can make out coarse grained texture	0	orange			4					3		irregular		irregular
5.80	7.40	4	Clay Alt	Very broken up and rubbly, strong clay, and patchy str silica alteration. Silica is dominantly in the form of quartz phenos (may be a strongly altered granodiorite?). (Sample ET TR11-C1 taken at 6.75m w/ quartz veinlet).	0	grey/white	2		2			4		5	320?/45	rubble	320/?	irregular
7.40	10.50	10	Overburden	Orange and grey clay and sand	0	orange/grey			4							irregular		irregular
10.50	15.60	1	Granodiorite	Green and grey, medium to coarse grained, quartz, 15% potasium feldspar, moderate disseminated chlorite alteration, trace epidote. Very weak limonite oxidation. In places trace biotite. Strong limonite oxide and very brocken up from 10.50-12m, and 14.60-15.60m. Weak limonte oxide and large blocks 10-50cm wide from 12-14.60m. (Trench cave in from 13.45-18.30m, most was uncovered).	0	green/grey			2	2				3		irregular		irregular
15.60	18.30	10	Overburden	orange clay and sand	0	orange			4							irregular		irregular
18.30	20.60	1	Granodiorite	Very weathered and oxidized, very broken up (just scratching the surface of the outcrop). Areas w/ strong oxidized matrix around mm quartz phenos resemble quartz porphyry from trench ET TR11-A.	0	green/grey			4					5		irregular		irregular
20.60	22.90	10	Overburden	Orange clay and sand	0	orange			4							irregular		irregular
22.90	26.50	4	Clay Alt	Zone of bery rubbly, broken up, white grey, str clay, and patchy strong silica alteration. Sub mm vuggs. Weak limonite along irregular fractures and in vuggs. Silica is dominantly in the form of quartz phenos (may be a strongly altered granodiorite?). (Sample ER TR11-C2 taken at 26.50m).	0	white/grey	2		2			4		5	320/?	rubbly	320/?	irregular
26.50	27.80	10	Overburden	Orange clay and sand	0	orange			4							irregular		irregular
27.80	35.60	3		Pervasive pale orange, areas w/ 2-5% diss strong oxidization which used to be pyrite. Outer 3m on either side are very broken up, center is moderately blocky. Fractuer angle of 132/75 at 30.30m. Similar to 17.10-25.25m in trench ET TR11-A.	0.1	pale orange			4					4		irregular		irregular
35.60	37.50	10	Overburden	Orange sand and clay	0	orange			4							irregular		irregular
37.50	38.30	4	Clay Alt	Zone of bery rubbly, broken up, white grey, str clay, and patchy strong silica alteration. Sub mm vuggs. Weak limonite along irregular fractures and in vuggs. Silica is dominantly in the form of quartz phenos (may be a strongly altered granodiorite?).	0	white/grey	2		2			4		5	335/?	rubbly	335/?	rubbly
38.30	53.10	10	Overburden	Orange sand and clay. Trench not deep enough to reach bedrock of any kind.	0	orange			4									

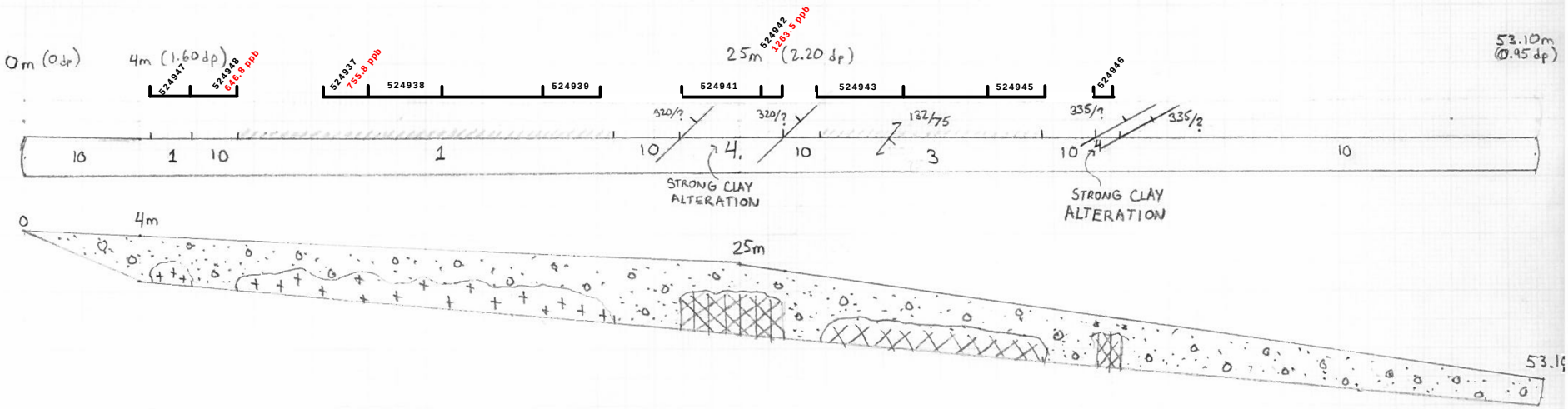
ETZEL TRENCH ET TRII-C PLAN MAP

1:200

5 metres

N

184°
Azimuth



Au Assay >500 ppb

CONTACT

FRACTURE ANGLE

(#, # dp) TRENCH DEPTH

WEAK/STRONG LIMONITE

1 GRANODIORITE

3 SERICITE/LIMONITE ALT GRANODIORITE

4 CLAY ALTERATION

10 OVERBURDON

Etzel Property: 2011 Trench Samples

Sample	Location	Easting	Northing	From	To	Length	Type	Au ppb
Sample	Location	Easting	Northing	From	To	Length	Type	Au ppb
524937	ET-TR11-C	384911.2	6888286.8	10.50	12.00	1.50	Rock	755.8
524938	ET-TR11-C	384911.0	6888284.5	12.00	15.00	3.00	Rock/Soil	34.7
524939	ET-TR11-C	384910.6	6888278.6	18.30	20.60	2.30	Rock/Soil	30.2
524940	ET-TR11-C						STD PM1129	3548.4
524941	ET-TR11-C	384910.2	6888273.7	22.90	25.90	3.00	Rock/Soil	217.2
524942	ET-TR11-C	384910.1	6888271.9	25.90	26.50	0.60	Rock/Soil	1263.5
524943	ET-TR11-C	384909.9	6888268.8	27.80	30.80	3.00	Rock/Soil	210.3
524944	ET-TR11-C	384909.7	6888265.8	30.80	33.80	3.00	Rock/Soil	124.8
524945	ET-TR11-C	384909.5	6888263.4	33.80	35.60	1.80	Rock/Soil	51.4
524946	ET-TR11-C	384909.3	6888260.2	37.50	38.30	0.80	Rock/Soil	266.9
524947	ET-TR11-C	384911.6	6888292.9	4.40	5.80	1.40	Rock/Soil	26.4
524948	ET-TR11-C	384911.5	6888291.4	5.80	7.40	1.60	Rock/Soil	646.8

Trench Name	ET TR11-D
Location	Etzel Property
Total length	31.70
Date(s) Mapped	Sept/10/2011
Loggers	Chris. A
Number of samples	15

From	To	Lithology	Comments
0.00	3.80	Overburdon	
3.80	5.30	Granodiorite	
5.30	15.70	Clay Alteration	
15.70	22.60	Granodiorite	
22.60	27.10	Granodiorite	
27.10	29.80	Granodiorite	
29.80	31.70	Clay Alteration	

Logged By: Chris. A
Trench: ET TR11-D
Mapping Direction E
Face mapped (NSEW) WSW

Primary Intervals		Lith Code	Lithology	Description	Mineralization	Alteration								NE Contact		SW Contact	
From	To				Py%	Rock Colour	Si	Ser	Lim	Chl	Epi	White Clay	Altn Style	Fracture Intensity	Strike/ dip	Descrip.	Strike/dip	Descrip.
0.00	3.80	10	Overburden	Orange sand and clay	0	orange			4									
3.80	5.30	1	Granodiorite	Very broken up oxidized granodiorite.	0	orange			4					5		irregular		irregular
5.30	15.70	4	Clay Alteration	Strong clay, moderate to strong silica, weak sericite, weak limonite along some fractures and in some vuggs. Silica is dominantly in the form of quartz phenos (may be a strongly altered granodiorite?). Trace diss pyrite and areas w/ 1% weathered out/oxidized cubes of what may have been pyrite. Very broken up. Short zones of clay > rock (looks like zones of clay altered GD. Grades into more pervasive limonite oxidized GD. West contact strikes ~320, East contact strikes at ~340. Zone appears on opposite wall at 8.90m. Minor fault at 15.10m, at 002/71. (Sample ET TR11-D1 taken at 13.00m).	diss 0.1	grey/tan white	2	1	2			4		4	320/?	rubbly	340/?	rubbly
15.70	22.60	1	Granodiorite	Moderate to strong oxidized / Clay altered, fissile, granodiorite. Very broken up w/ cm zones of sand and clay. 40cm wide zone of clay alteration at 18.50m. Trench appears to be paralleling clay alteration contact. Grades in and out of more orange oxidized GD to more tan clay altered GD. Fracture angle at 15.70m of 329/67. (Sample ET TR11-D2 taken at 18.90m)	0	tan/orange			3			2		5		rubbly	355/?	rubbly
22.60	27.10	1	Granodiorite	very fissile, moderately blocky, moderate to strong manganise oxide altered GD. Central zone from 25.70-26.10m of less altered, more competant granodiorite w/ some actual GD texture w/ weak to moderate limonite oxide. Fracture angle of opposite wall @ 25.70m of 135/73. (Sample ET TR11-D3 taken at 23m) .	0	dark rusty orange			2					4		irregular		irregular
27.10	29.80	1	Granodiorite	Moderate to strong oxidized / Clay altered, fissile, granodiorite. Very broken up w/ cm zones of sand and clay. Grades in and out of more orange oxidized GD to more tan clay altered GD.	0	orange tan			3			2		5		irregular		irregular
29.80	31.70	4	Clay Alteration	Strong clay, moderate to strong silica (weak sericite, weak limonite along some fractures and in some vuggs. Silica is dominantly in the form of quartz phenos (may be a strongly altered granodiorite?). Very broken up. From 30.65-31.10 on the opposite side is a vertical zone of strong clay alteration bounded by oxidized granodiorite. (Sample ET TR11-D4 taken at 30.60m).	0	grey/tan	2	1	1			4		5		irregular		irregular

ETZEL TRENCH ET TRII-D PLAN MAP

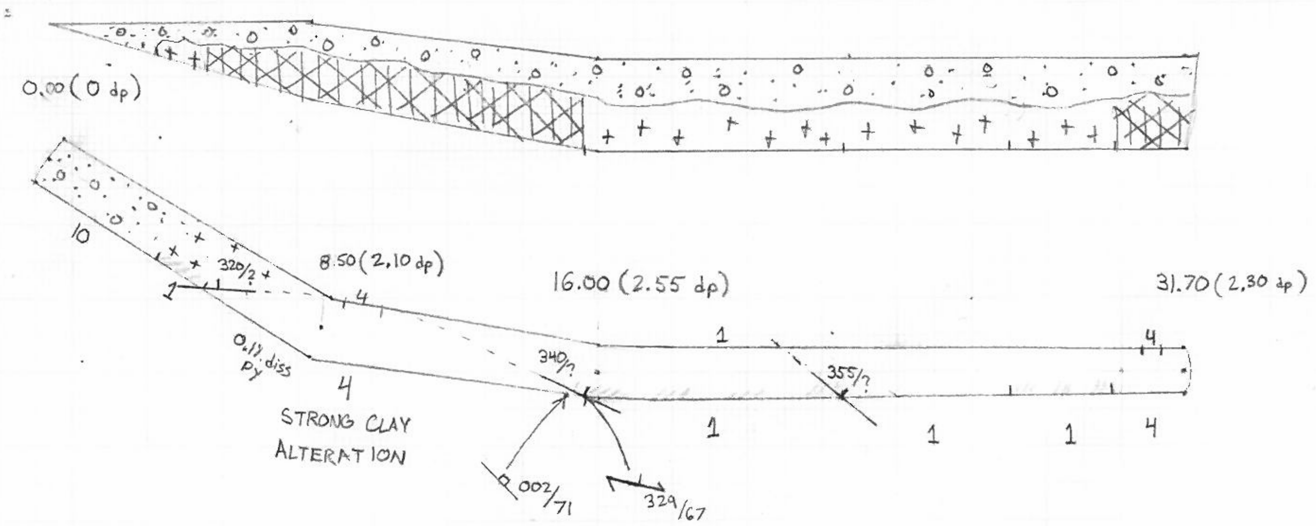
1:200

5 metres

N

136
Azimuth

524949 | 3722 ppb | 524950 | 2633.4 ppb | 524952 | 3281.1 ppb | 524959 | 524961 | 524963



Au Assay >500 ppb

- MINOR FAULT
- CONTACT
- FRACTURE ANGLE
- (#, # dp) TRENCH DEPTH
- WEAK/STRONG LIMONITE

- 1 GRANODIORITE
- 4 CLAY ALTERATION
- 10 OVERBURDON

Etzel Property: 2011 Trench Samples

Sample	Location	Easting	Northing	From	To	Length	Type	Au ppb
Sample	Location	Easting	Northing	From	To	Length	Type	Au ppb
524949	ET-TR11-D	384912.5	6888290.7	3.80	5.30	1.50	Rock	23.2
524950	ET-TR11-D	384913.3	6888288.6	5.30	8.30	3.00	Rock	3722.0
524951	ET-TR11-D						BLANK	6.1
524952	ET-TR11-D	384914.7	6888286.0	8.30	11.30	3.00	Rock/Soil	2633.4
524953	ET-TR11-D	384916.7	6888283.8	11.30	14.30	3.00	Rock/Soil	3281.1
524954	ET-TR11-D	384918.2	6888282.2	14.30	15.70	1.40	Rock/Soil	140.7
524955	ET-TR11-D	384919.7	6888280.8	15.70	18.70	3.00	Rock/Soil	40.1
524956	ET-TR11-D	384922.1	6888279.0	18.70	21.70	3.00	Rock/Soil	17.8
524957	ET-TR11-D	384923.6	6888277.8	21.70	22.60	0.90	Rock/Soil	20.5
524958	ET-TR11-D	384925.2	6888276.6	22.60	25.70	3.10	Rock/Soil	17.1
524959	ET-TR11-D	384926.6	6888275.5	25.70	26.10	0.40	Rock	15.7
524960	ET-TR11-D						STD PM436	384.9
524961	ET-TR11-D	384927.1	6888275.0	26.10	27.10	1.00	Rock/Soil	15.0
524962	ET-TR11-D	384928.6	6888273.9	27.10	29.80	2.70	Rock/Soil	51.3
524963	ET-TR11-D	384930.4	6888272.5	29.80	31.70	1.90	Rock/Soil	132.7

APPENDIX 4

Trench Assay Certificates

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Jay Page
Receiving Lab: Canada-Whitehorse
Received: September 14, 2011
Report Date: November 08, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001687.1

CLIENT JOB INFORMATION

Project: Etzel Project
Shipment ID: ETZEL11-001
P.O. Number
Number of Samples: 113

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	108	Crush, split and pulverize 250 g rock to 200 mesh			VAN
G601	113	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	113	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	2	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
Canada

CC: Bernie Dewonek
Peter Dadson
Gary Schellenberg

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001687.1

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
524851	Rock	0.97	<0.005	<0.1	1.6	1.5	13	<0.1	2.7	1.6	181	0.43	1.2	<0.5	<0.1	41	<0.1	<0.1	<0.1	<2	21.37
524852	Rock	2.85	0.022	2.3	110.1	89.0	314	2.4	4.0	5.3	1049	2.75	76.8	17.4	12.5	18	3.3	7.7	2.0	37	0.24
524853	Rock	2.50	0.025	2.7	57.5	110.9	252	1.9	4.7	38.8	1318	3.67	98.3	31.2	12.7	12	6.8	3.8	5.9	28	0.11
524854	Rock	3.55	0.016	0.6	29.8	34.2	161	0.7	4.2	4.8	510	2.30	24.9	15.2	12.2	25	1.2	1.4	1.7	43	0.32
524855	Rock	3.24	0.088	2.0	86.9	321.0	497	5.2	3.1	12.2	1028	3.93	195.4	100.6	12.5	92	6.0	7.7	12.9	37	0.16
524856	Rock	3.28	0.007	0.5	25.8	28.0	187	0.6	3.6	6.3	510	2.66	18.4	10.7	10.8	19	1.3	1.2	1.2	56	0.28
524857	Rock	2.72	0.021	1.2	27.7	40.4	199	0.5	4.4	9.2	763	2.61	31.9	17.2	11.4	19	3.9	2.3	1.5	52	0.28
524858	Rock	3.38	0.013	0.6	27.9	24.3	131	0.4	3.8	6.9	563	2.75	20.1	13.4	11.6	21	1.3	1.0	1.1	58	0.28
524859	Rock	2.60	0.015	0.8	21.4	26.4	156	0.6	4.3	11.5	570	3.15	20.9	15.6	13.0	19	1.7	0.9	1.7	52	0.26
524860	Rock Pulp	0.10	0.372	10.3	136.9	7.6	52	0.2	27.5	37.2	490	3.17	1360	361.2	3.0	72	0.2	2.0	4.2	82	1.31
524861	Rock	4.05	0.034	1.1	22.4	64.2	202	1.1	3.1	8.8	602	2.71	39.3	58.3	10.4	18	3.5	1.4	3.0	26	0.14
524862	Rock	2.67	0.049	1.8	18.4	99.5	130	1.8	1.1	1.6	151	2.26	108.2	48.5	5.8	31	1.7	2.8	4.1	13	0.05
524863	Rock	3.12	0.009	3.3	33.7	104.2	363	0.8	8.0	20.0	3719	2.78	114.8	14.9	6.1	35	8.7	3.6	1.4	17	0.24
524864	Rock	3.92	0.032	5.7	66.9	183.3	242	2.0	4.6	7.2	896	3.04	128.5	39.9	8.8	24	3.7	9.4	4.1	19	0.22
524865	Rock	3.19	0.016	1.1	40.1	120.1	405	1.1	4.1	12.9	922	2.75	38.9	18.0	11.3	14	4.2	2.4	2.2	33	0.18
524866	Rock	2.60	0.016	1.0	33.8	53.7	180	0.7	4.8	10.0	733	3.02	43.1	29.2	10.6	21	2.4	2.5	1.4	48	0.22
524867	Rock	2.41	0.124	1.8	48.1	98.1	312	1.3	5.2	11.5	917	3.18	71.5	112.5	12.8	24	3.6	4.8	3.1	46	0.32
524868	Rock	3.83	0.020	2.3	18.2	30.3	133	0.3	4.8	8.3	920	2.44	176.0	22.2	10.5	18	3.1	3.5	0.8	37	0.23
524869	Rock	3.42	0.021	4.5	21.5	42.3	165	0.3	5.9	9.6	1616	2.28	161.8	24.4	8.7	23	3.0	3.4	0.7	27	0.23
524870	Rock	2.98	0.035	4.9	18.5	38.9	222	0.3	6.4	9.7	1893	2.18	300.0	43.7	8.0	29	3.0	4.7	0.4	19	0.20
524871	Rock	4.00	0.038	4.3	38.6	63.7	222	0.6	6.6	10.1	2040	2.57	206.7	37.6	7.9	34	3.3	5.6	0.9	18	0.23
524872	Rock	3.17	<0.005	1.4	14.2	11.6	68	0.2	4.0	8.1	590	2.91	13.5	7.8	11.8	29	0.8	1.5	0.5	62	0.39
524873	Rock	3.17	0.021	2.3	50.8	131.9	299	1.1	4.4	13.3	1051	3.04	56.4	25.1	15.5	14	3.2	5.1	2.3	32	0.19
524874	Rock	0.91	<0.005	<0.1	1.0	1.2	12	<0.1	2.3	1.6	193	0.44	1.0	<0.5	0.2	41	<0.1	<0.1	<0.1	2	21.20
524875	Rock	3.33	0.023	2.6	68.7	108.0	621	1.4	4.7	16.2	1917	3.54	84.8	28.0	14.3	17	7.9	7.2	3.9	30	0.15
524876	Rock	3.35	0.018	3.5	40.5	201.6	204	0.9	3.7	9.1	970	3.00	47.5	22.6	14.0	15	2.6	3.7	2.1	26	0.24
524877	Rock	4.42	0.017	5.7	32.1	78.5	130	0.9	4.2	11.4	767	3.21	22.2	20.6	11.8	26	2.2	2.2	2.5	38	0.18
524878	Rock	3.86	0.142	1.5	30.0	42.2	145	1.0	3.8	13.5	749	2.87	33.1	112.4	12.0	16	1.8	4.7	3.2	32	0.17
524879	Rock	3.09	0.058	1.4	23.8	75.0	133	1.2	2.8	9.6	384	3.03	24.4	76.0	13.2	20	1.4	2.1	3.4	33	0.14
524880	Rock	2.93	0.039	3.0	45.6	130.7	284	1.5	4.1	15.0	647	3.77	93.6	57.6	14.1	66	2.2	6.4	4.4	37	0.16

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001687.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
524851	Rock	0.014	<1	<1	11.62	12	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
524852	Rock	0.054	18	4	0.37	255	0.002	2	1.13	0.038	0.22	<0.1	0.02	3.5	0.3	<0.05	3	<0.5	<0.2	
524853	Rock	0.043	20	3	0.07	343	0.002	2	0.70	0.008	0.37	0.4	0.03	3.4	0.4	0.06	1	<0.5	0.3	
524854	Rock	0.049	12	6	0.81	301	0.010	1	1.69	0.060	0.16	<0.1	<0.01	3.4	0.1	<0.05	5	<0.5	<0.2	
524855	Rock	0.054	18	4	0.21	264	0.001	1	0.93	0.037	0.40	0.2	0.02	2.9	0.4	0.50	3	0.6	1.1	
524856	Rock	0.052	13	7	0.80	188	0.013	<1	1.36	0.046	0.14	0.1	<0.01	4.4	0.1	<0.05	5	<0.5	<0.2	
524857	Rock	0.059	14	7	0.50	224	0.006	<1	1.44	0.025	0.16	0.1	0.03	4.9	0.1	<0.05	4	<0.5	<0.2	
524858	Rock	0.051	13	5	0.84	197	0.018	1	1.41	0.051	0.13	<0.1	<0.01	4.2	0.1	<0.05	5	<0.5	<0.2	
524859	Rock	0.050	14	7	0.88	263	0.009	<1	1.62	0.048	0.18	3.1	<0.01	4.0	0.1	0.13	6	<0.5	0.3	
524860	Rock Pulp	0.061	7	47	0.77	132	0.122	2	1.66	0.184	0.27	0.4	<0.01	2.9	<0.1	0.12	5	2.1	0.8	
524861	Rock	0.044	16	3	0.31	174	0.001	1	0.84	0.015	0.24	1.5	0.01	2.4	0.2	<0.05	3	0.7	0.4	
524862	Rock	0.015	15	1	0.02	114	<0.001	<1	0.26	0.006	0.25	0.9	0.03	0.9	0.2	0.16	<1	0.9	0.5	
524863	Rock	0.103	22	4	0.04	470	0.001	1	0.49	0.010	0.23	0.2	0.01	3.0	0.4	0.06	1	<0.5	<0.2	
524864	Rock	0.064	18	3	0.04	321	0.001	1	0.46	0.009	0.27	0.2	0.04	2.5	0.2	0.09	1	0.6	0.3	
524865	Rock	0.056	21	4	0.34	185	0.001	<1	0.91	0.004	0.19	0.2	0.08	3.1	0.2	0.06	3	<0.5	0.2	
524866	Rock	0.062	14	6	0.51	417	0.003	1	1.18	0.035	0.18	0.2	0.02	4.9	0.2	0.07	4	0.6	<0.2	
524867	Rock	0.062	23	7	0.48	253	0.006	1	1.27	0.023	0.22	0.1	0.03	5.0	0.2	<0.05	4	0.5	0.2	
524868	Rock	0.071	22	5	0.22	274	0.002	1	0.68	0.013	0.18	0.1	0.01	4.6	0.2	<0.05	2	<0.5	<0.2	
524869	Rock	0.082	28	5	0.13	450	0.001	2	0.56	0.011	0.22	0.1	0.02	3.8	0.3	<0.05	2	0.6	<0.2	
524870	Rock	0.080	27	5	0.03	978	<0.001	1	0.33	0.004	0.18	0.2	0.01	4.0	0.3	<0.05	<1	<0.5	<0.2	
524871	Rock	0.080	25	4	0.04	724	0.001	2	0.42	0.005	0.23	0.1	0.02	3.6	0.4	0.05	1	0.6	<0.2	
524872	Rock	0.054	15	7	0.80	242	0.017	<1	1.52	0.079	0.15	<0.1	<0.01	5.9	0.1	<0.05	6	<0.5	<0.2	
524873	Rock	0.062	27	4	0.17	225	0.001	<1	0.86	0.003	0.23	<0.1	0.04	4.0	0.2	<0.05	2	<0.5	0.5	
524874	Rock	0.020	<1	<1	11.48	16	0.002	<1	0.06	0.002	0.04	<0.1	<0.01	0.1	<0.1	<0.05	<1	0.5	<0.2	
524875	Rock	0.058	26	3	0.24	367	0.001	1	0.79	0.011	0.27	0.1	0.02	3.5	0.3	<0.05	2	<0.5	0.8	
524876	Rock	0.054	22	3	0.29	234	0.001	<1	1.00	0.009	0.25	<0.1	0.01	2.7	0.2	<0.05	2	0.5	0.4	
524877	Rock	0.057	21	5	0.49	253	0.002	<1	1.10	0.026	0.18	0.1	0.01	3.6	0.2	<0.05	4	0.6	0.5	
524878	Rock	0.054	21	4	0.31	226	0.001	1	0.97	0.019	0.25	0.1	0.02	3.4	0.2	<0.05	3	<0.5	1.1	
524879	Rock	0.051	21	4	0.34	176	0.001	<1	0.92	0.022	0.20	<0.1	<0.01	2.8	0.2	<0.05	3	<0.5	0.8	
524880	Rock	0.054	28	5	0.19	258	0.001	<1	0.89	0.011	0.27	0.1	0.04	4.3	0.2	0.21	3	0.6	0.9	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001687.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
524881	Rock	3.28	0.019	2.2	46.5	136.6	284	1.7	3.8	13.7	1099	3.12	116.9	21.5	13.8	28	3.0	3.2	3.3	31	0.14
524882	Rock	3.31	0.026	1.6	37.3	95.2	178	1.5	3.8	9.8	1374	2.77	54.7	29.1	12.3	22	2.9	7.7	3.2	20	0.11
524883	Rock Pulp	0.10	3.606	202.2	2418	72.1	90	33.5	35.7	25.3	625	4.38	45.7	3716	1.9	115	0.8	75.4	1.8	65	1.15
524884	Rock	3.40	0.035	0.8	38.8	32.0	105	0.5	4.3	6.6	778	3.32	17.7	26.7	12.5	26	1.5	1.7	1.5	65	0.46
524885	Rock	4.62	0.027	1.2	64.3	117.0	207	2.0	4.2	8.1	799	3.02	37.2	33.1	12.1	15	2.1	3.6	3.7	37	0.17
524886	Rock	3.47	0.019	0.8	38.8	32.4	92	0.5	4.9	7.0	701	2.84	18.7	28.7	13.1	21	1.2	1.8	1.2	42	0.28
524887	Rock	2.83	0.008	0.7	31.8	33.3	86	0.4	4.5	8.1	565	2.90	13.4	9.5	11.0	24	1.4	0.8	1.3	57	0.35
524888	Rock	2.75	0.009	0.6	32.0	24.4	89	0.3	4.7	7.9	530	2.96	8.5	9.1	12.5	25	1.2	0.7	0.9	59	0.36
524889	Rock	3.09	0.023	1.4	30.9	80.7	203	0.6	5.8	13.0	961	3.71	46.4	43.8	13.8	15	3.9	6.1	1.5	31	0.15
524890	Rock	3.44	0.009	0.7	11.7	34.6	79	0.4	4.7	9.2	608	3.15	13.3	9.3	12.8	26	0.7	0.8	1.2	39	0.38
524891	Rock	2.87	0.012	1.3	19.6	39.9	106	0.3	4.8	8.4	909	2.88	24.9	15.5	10.5	18	1.6	2.0	0.7	28	0.21
524892	Rock	3.04	0.005	1.0	12.4	37.3	82	0.3	4.7	9.0	567	2.70	15.4	8.5	11.1	16	1.3	1.1	0.8	30	0.19
524893	Rock	3.66	<0.005	2.0	10.1	21.8	74	0.2	7.3	8.8	1354	2.44	39.4	1.9	8.9	31	1.1	1.4	0.2	18	0.78
524894	Rock	2.34	<0.005	2.2	10.7	33.7	83	0.1	6.2	8.6	1208	2.29	19.8	1.5	9.3	30	1.4	1.3	0.3	19	0.57
524895	Rock	3.07	<0.005	0.5	10.8	23.3	75	0.3	7.1	9.2	592	2.59	8.6	5.7	9.3	30	0.3	0.8	0.8	34	0.31
524896	Rock	2.93	0.011	1.9	14.4	29.8	111	0.2	7.9	11.9	1526	2.48	77.4	12.3	4.6	45	1.6	2.9	0.2	9	2.01
524897	Rock	3.00	0.017	0.7	6.6	48.9	111	0.3	5.2	6.2	2463	1.81	94.4	15.3	7.1	52	0.8	1.3	<0.1	4	2.58
524898	Rock	3.11	0.019	0.6	8.2	132.6	362	0.3	5.8	4.1	1734	1.95	76.7	19.2	7.7	46	1.3	1.4	<0.1	3	2.25
524899	Rock	3.44	0.014	1.7	10.1	29.8	149	0.2	4.8	3.5	2076	1.72	41.8	10.7	7.4	49	0.7	2.5	<0.1	4	3.37
524900	Rock	2.62	0.021	0.8	5.8	43.2	65	0.2	5.9	8.8	2178	2.40	59.2	19.0	4.6	87	0.4	1.0	<0.1	8	3.50
524901	Rock	2.89	<0.005	2.2	13.4	32.2	141	0.2	9.2	11.1	1386	2.53	32.2	2.4	4.6	42	0.8	1.9	<0.1	11	2.77
524902	Rock	2.69	0.011	6.4	244.2	45.1	60	1.3	4.0	11.6	416	3.62	14.9	9.0	10.4	63	0.3	2.3	1.1	34	0.21
524903	Rock	1.03	<0.005	<0.1	0.1	1.1	9	<0.1	0.6	1.1	162	0.35	1.0	<0.5	0.1	36	<0.1	<0.1	<0.1	<2	18.51
524904	Rock	2.91	0.023	7.1	23.5	112.2	65	1.1	2.7	6.9	429	6.16	39.3	23.8	7.7	39	0.3	1.3	2.6	22	0.10
524905	Rock	3.24	0.006	0.8	33.7	13.1	50	0.2	3.9	7.8	491	2.45	4.0	3.4	13.6	48	0.2	0.5	0.5	50	0.46
524906	Rock	1.89	0.010	0.6	16.8	11.5	58	0.2	5.2	7.2	535	2.95	5.8	7.1	15.8	12	0.5	3.8	0.4	56	0.25
524907	Rock	2.74	0.253	2.2	64.6	58.6	105	1.0	3.3	7.7	195	4.15	31.3	175.5	13.6	35	1.6	5.5	1.9	16	0.10
524908	Rock	2.73	0.013	2.2	20.6	166.3	315	0.7	8.8	9.9	2562	2.78	46.2	10.2	3.7	40	3.1	4.7	0.1	24	2.41
524909	Rock	3.04	0.030	2.6	18.9	56.1	114	0.5	7.8	9.4	1280	3.09	99.5	26.8	5.4	30	1.1	4.3	0.2	22	1.43
524910	Rock	3.14	0.023	0.9	25.0	37.5	77	0.4	4.6	8.0	828	2.93	25.3	15.7	9.6	25	0.3	0.4	0.6	45	0.56

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001687.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
524881	Rock	0.059	25	5	0.14	345	<0.001	1	0.68	0.010	0.26	0.1	<0.01	3.5	0.3	0.05	2	<0.5	0.5	
524882	Rock	0.055	26	2	0.07	250	<0.001	1	0.51	0.007	0.27	0.2	0.02	2.7	0.3	<0.05	1	<0.5	0.4	
524883	Rock Pulp	0.076	6	18	0.97	69	0.112	<1	1.55	0.106	0.19	0.3	9.70	2.3	0.1	1.76	4	1.0	21.0	0.240
524884	Rock	0.060	14	8	1.03	249	0.021	1	1.78	0.060	0.19	0.1	<0.01	5.3	0.2	0.28	6	<0.5	<0.2	
524885	Rock	0.053	21	6	0.53	208	0.002	1	1.14	0.026	0.24	0.7	<0.01	3.7	0.2	0.06	4	<0.5	0.3	
524886	Rock	0.053	17	8	0.72	255	0.005	<1	1.54	0.046	0.18	<0.1	<0.01	4.1	0.2	<0.05	5	<0.5	<0.2	
524887	Rock	0.052	18	9	0.82	299	0.032	1	1.38	0.065	0.15	<0.1	<0.01	5.0	<0.1	0.08	5	<0.5	<0.2	
524888	Rock	0.054	15	9	0.82	214	0.036	<1	1.44	0.066	0.14	<0.1	<0.01	4.7	0.1	0.05	5	<0.5	<0.2	
524889	Rock	0.062	24	3	0.05	185	<0.001	2	0.58	0.005	0.21	<0.1	0.08	3.9	0.2	<0.05	1	<0.5	0.3	
524890	Rock	0.053	24	8	0.79	210	0.002	<1	1.26	0.043	0.20	<0.1	<0.01	3.6	0.2	0.18	5	<0.5	<0.2	
524891	Rock	0.068	25	6	0.31	202	0.001	1	0.87	0.021	0.20	0.1	0.01	3.4	0.2	<0.05	3	<0.5	<0.2	
524892	Rock	0.056	19	7	0.54	233	0.002	1	1.04	0.031	0.22	<0.1	<0.01	3.1	0.2	0.08	4	<0.5	<0.2	
524893	Rock	0.085	25	6	0.05	258	<0.001	2	0.47	0.039	0.22	<0.1	<0.01	4.4	0.1	0.10	1	<0.5	<0.2	
524894	Rock	0.085	27	6	0.08	360	0.001	1	0.51	0.034	0.21	<0.1	<0.01	4.5	0.2	0.09	2	<0.5	<0.2	
524895	Rock	0.051	16	11	0.91	386	0.005	<1	1.29	0.046	0.20	<0.1	<0.01	3.3	0.1	0.21	5	<0.5	<0.2	
524896	Rock	0.104	19	4	0.07	430	0.001	1	0.63	0.010	0.30	<0.1	<0.01	2.7	0.2	0.21	1	<0.5	<0.2	
524897	Rock	0.066	14	2	0.07	194	<0.001	1	0.42	0.007	0.27	<0.1	<0.01	1.5	0.2	0.16	1	<0.5	<0.2	
524898	Rock	0.072	19	3	0.06	122	<0.001	<1	0.36	0.006	0.23	<0.1	<0.01	1.5	0.2	<0.05	<1	<0.5	<0.2	
524899	Rock	0.065	15	2	0.07	503	<0.001	<1	0.40	0.010	0.26	<0.1	<0.01	1.3	0.2	0.09	<1	0.5	<0.2	
524900	Rock	0.094	11	4	0.31	147	<0.001	<1	0.40	0.011	0.24	<0.1	<0.01	2.7	0.2	0.26	<1	<0.5	<0.2	
524901	Rock	0.098	18	6	0.07	180	0.001	<1	0.60	0.013	0.23	<0.1	<0.01	2.8	0.2	0.09	1	<0.5	<0.2	
524902	Rock	0.048	20	7	0.64	588	0.001	<1	1.12	0.046	0.21	0.2	<0.01	3.6	0.1	0.15	4	0.5	0.3	
524903	Rock	0.014	<1	<1	9.73	12	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	<0.1	<0.1	0.06	<1	<0.5	<0.2	
524904	Rock	0.034	13	4	0.12	235	0.001	1	0.65	0.056	0.31	0.4	<0.01	2.2	0.2	0.29	2	1.0	0.6	
524905	Rock	0.049	19	8	0.94	539	0.012	<1	1.29	0.086	0.16	<0.1	<0.01	4.4	0.1	0.21	5	<0.5	<0.2	
524906	Rock	0.060	38	10	0.90	129	0.010	<1	1.39	0.003	0.13	1.0	0.05	4.7	<0.1	<0.05	5	<0.5	<0.2	
524907	Rock	0.049	26	4	0.12	272	<0.001	1	0.68	0.006	0.27	0.1	0.05	3.6	0.2	0.12	2	0.8	0.2	
524908	Rock	0.120	14	9	0.11	308	0.002	2	0.43	0.007	0.28	<0.1	0.04	2.9	0.3	0.24	1	<0.5	<0.2	
524909	Rock	0.112	14	8	0.12	213	0.002	1	0.61	0.007	0.27	<0.1	0.02	3.6	0.3	0.38	1	<0.5	<0.2	
524910	Rock	0.053	17	8	0.97	207	0.004	<1	1.42	0.037	0.19	<0.1	<0.01	3.8	0.1	0.29	5	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001687.1

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
524911	Rock	3.23	0.014	0.7	45.6	10.6	62	0.2	4.3	9.6	559	2.91	6.3	3.6	10.6	34	0.3	0.5	0.3	67	0.61
524912	Rock Pulp	0.10	0.411	9.9	133.9	8.2	52	0.2	27.1	35.8	489	3.20	1377	393.2	3.0	70	0.3	2.1	4.5	76	1.30
524913	Rock	2.60	0.019	0.8	26.5	27.6	77	0.2	4.9	8.2	688	2.93	17.2	12.9	10.7	22	0.9	0.5	0.3	57	0.49
524914	Rock	3.24	0.014	0.7	21.9	20.1	58	0.2	4.7	8.2	786	2.98	14.5	9.8	11.8	25	0.5	0.4	0.2	62	0.43
524915	Rock	3.15	0.016	1.5	14.5	81.4	130	0.2	6.5	8.7	1585	2.73	55.0	10.7	4.7	71	3.2	0.8	0.3	30	2.71
524916	Rock	2.58	0.020	1.9	28.7	46.1	153	0.3	7.4	8.6	1547	2.90	70.8	13.0	4.0	39	1.5	3.1	0.3	29	2.63
524917	Rock	2.71	0.017	2.1	38.7	139.0	518	0.6	5.2	7.0	1588	2.26	50.1	16.5	6.0	29	7.2	2.2	0.5	17	1.10
524918	Rock	3.17	0.021	1.9	90.7	33.2	89	0.4	4.5	11.3	659	2.90	11.4	8.5	15.1	25	0.6	0.6	0.3	60	0.46
524919	Rock	3.20	0.013	2.2	48.6	60.4	167	0.5	2.8	8.1	928	2.64	25.6	21.6	13.7	16	1.8	9.8	0.5	25	0.26
524920	Rock	3.52	0.016	1.2	66.2	28.8	78	0.4	2.4	6.9	718	1.85	21.5	14.0	20.7	10	1.2	3.2	0.5	24	0.17
524921	Rock	2.76	0.018	1.1	57.5	30.4	84	0.4	2.2	6.8	656	1.89	21.0	17.4	17.1	10	1.1	2.8	0.6	25	0.20
524922	Rock	2.12	0.019	0.7	46.5	9.1	43	0.3	2.2	7.2	522	2.20	18.4	14.4	12.6	21	0.2	1.1	0.4	48	0.33
524923	Rock	2.17	0.019	1.6	12.1	20.4	68	0.2	4.8	5.5	950	1.67	62.9	20.8	5.9	58	1.2	1.3	0.2	12	2.18
524924	Rock	3.53	0.005	1.6	26.7	27.0	113	0.2	5.4	6.5	1192	2.01	49.1	6.3	8.0	51	0.9	1.4	0.2	18	1.14
524925	Rock	3.79	0.026	1.6	12.8	144.3	173	0.8	5.0	5.6	1323	1.93	95.7	31.5	5.6	88	2.7	1.2	0.2	9	2.29
524926	Rock	4.12	0.019	0.7	85.6	11.0	67	0.5	3.2	6.4	569	2.64	18.1	25.8	12.6	25	0.4	1.2	0.4	51	0.53
524927	Rock	3.68	0.024	3.2	81.2	19.2	76	0.5	3.6	8.9	591	2.60	16.4	19.8	12.6	18	0.4	0.6	0.5	46	0.26
524928	Rock	3.37	0.022	2.4	82.9	57.7	175	0.8	3.9	8.1	874	2.75	40.5	23.6	13.4	13	2.4	2.6	0.9	34	0.21
524929	Rock	4.03	0.027	2.7	120.0	47.8	259	0.8	3.0	10.3	1497	2.13	90.6	30.5	14.3	13	3.2	4.9	1.1	10	0.16
524930	Rock	2.60	0.018	1.4	80.3	23.6	99	0.8	3.8	7.0	755	2.85	25.6	22.5	12.0	32	1.0	2.3	0.9	44	0.56
524931	Rock	0.86	<0.005	<0.1	0.6	0.4	12	<0.1	0.7	0.7	229	0.43	<0.5	0.6	0.1	38	<0.1	<0.1	<0.1	<2	21.44
524932	Rock	2.65	0.027	0.9	179.2	25.8	107	1.3	3.7	10.3	654	2.59	21.5	39.1	11.2	27	1.1	2.0	0.9	34	0.60
524933	Rock	3.24	0.044	3.2	158.4	48.5	268	1.3	4.1	12.3	1366	3.21	96.5	42.6	11.4	13	3.6	2.9	1.6	36	0.24
524934	Rock	3.06	0.026	1.8	163.6	147.6	154	1.4	3.3	9.2	964	2.39	23.2	33.0	13.8	11	1.4	3.7	1.1	29	0.19
524935	Rock	2.62	0.018	1.0	80.3	13.6	97	0.5	3.8	9.3	573	2.66	9.2	18.8	12.9	15	1.1	1.6	0.7	45	0.22
524936	Rock	2.93	0.061	3.5	152.6	47.4	139	1.5	3.5	8.2	933	2.66	58.3	66.9	12.0	24	3.2	3.8	2.1	15	0.16
524937	Rock	2.87	0.737	3.0	51.1	31.3	377	0.5	4.5	11.3	3983	2.66	4306	755.8	9.4	74	10.3	12.3	0.7	27	0.23
524938	Rock	5.06	0.032	2.9	6.5	9.3	80	<0.1	3.3	6.7	810	2.42	168.9	34.7	10.5	29	0.8	1.9	0.3	50	0.64
524939	Rock	3.19	0.028	1.8	88.1	38.7	587	0.3	3.7	7.5	700	2.88	189.5	30.2	12.5	36	1.2	7.1	0.9	25	0.09
524940	Rock Pulp	0.10	3.797	191.8	2324	69.6	85	32.2	32.9	23.0	624	4.28	42.0	3548	1.8	120	0.4	71.5	1.6	56	1.17

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001687.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
524911	Rock	0.054	11	9	0.96	250	0.115	<1	1.55	0.116	0.23	0.2	<0.01	4.5	0.1	0.07	6	<0.5	<0.2	
524912	Rock Pulp	0.058	7	46	0.75	133	0.118	3	1.65	0.175	0.27	0.4	<0.01	2.8	<0.1	0.13	5	2.2	0.7	
524913	Rock	0.052	19	9	0.91	162	0.027	<1	1.32	0.054	0.15	<0.1	<0.01	4.6	<0.1	0.07	5	<0.5	<0.2	
524914	Rock	0.053	19	9	0.90	211	0.035	1	1.45	0.077	0.22	<0.1	<0.01	5.5	0.1	0.05	6	<0.5	<0.2	
524915	Rock	0.104	12	8	0.45	182	0.002	<1	0.61	0.026	0.21	<0.1	<0.01	3.8	0.2	0.74	2	<0.5	<0.2	
524916	Rock	0.115	13	8	0.16	310	0.002	<1	0.72	0.024	0.28	<0.1	<0.01	3.3	0.2	0.36	2	<0.5	<0.2	
524917	Rock	0.071	22	6	0.10	305	0.002	<1	0.66	0.013	0.30	<0.1	0.01	3.0	0.2	0.09	2	0.7	<0.2	
524918	Rock	0.053	16	11	0.95	219	0.037	<1	1.42	0.066	0.20	0.4	<0.01	5.5	0.1	0.17	5	<0.5	<0.2	
524919	Rock	0.047	21	3	0.08	154	<0.001	3	0.44	0.005	0.16	0.2	0.12	2.9	0.2	0.06	1	<0.5	<0.2	
524920	Rock	0.031	20	4	0.47	140	0.002	3	0.88	0.029	0.18	0.1	<0.01	2.1	0.2	0.05	3	<0.5	<0.2	
524921	Rock	0.031	18	4	0.45	120	0.002	2	0.79	0.021	0.14	<0.1	<0.01	2.1	0.1	0.07	3	<0.5	<0.2	
524922	Rock	0.034	22	6	0.69	151	0.015	1	1.21	0.062	0.18	<0.1	0.02	3.9	0.1	0.05	4	<0.5	<0.2	
524923	Rock	0.067	23	3	0.06	272	<0.001	2	0.50	0.006	0.22	<0.1	0.01	2.4	0.2	0.21	1	<0.5	<0.2	
524924	Rock	0.067	25	4	0.14	196	0.003	2	0.59	0.018	0.25	<0.1	0.01	2.6	0.2	0.06	2	<0.5	<0.2	
524925	Rock	0.067	21	3	0.09	259	0.001	2	0.45	0.007	0.26	<0.1	0.01	1.9	0.2	0.18	<1	<0.5	<0.2	
524926	Rock	0.047	19	6	0.74	195	0.043	2	1.18	0.054	0.23	0.2	<0.01	4.1	0.2	0.13	4	<0.5	<0.2	
524927	Rock	0.045	19	7	0.80	178	0.014	2	1.23	0.042	0.16	0.6	<0.01	3.6	0.1	0.11	5	<0.5	<0.2	
524928	Rock	0.049	21	4	0.44	165	0.002	2	0.97	0.024	0.20	0.2	<0.01	3.4	0.2	0.09	3	<0.5	0.2	
524929	Rock	0.049	22	2	0.05	226	<0.001	2	0.44	0.005	0.24	0.2	<0.01	1.8	0.3	<0.05	<1	<0.5	<0.2	
524930	Rock	0.051	18	7	0.74	176	0.012	2	1.32	0.050	0.19	0.1	<0.01	3.7	0.2	0.20	4	<0.5	<0.2	
524931	Rock	0.021	<1	<1	12.75	10	<0.001	<1	0.03	0.002	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
524932	Rock	0.047	20	6	0.76	228	0.003	2	1.38	0.034	0.25	0.1	<0.01	2.9	0.2	0.19	4	<0.5	<0.2	
524933	Rock	0.051	21	5	0.57	237	0.002	2	1.28	0.011	0.22	0.1	<0.01	2.9	0.2	<0.05	4	<0.5	0.3	
524934	Rock	0.043	19	6	0.84	165	0.003	3	1.52	0.025	0.22	<0.1	<0.01	2.5	0.2	<0.05	4	<0.5	<0.2	
524935	Rock	0.045	19	7	0.82	131	0.005	2	1.43	0.037	0.16	0.2	<0.01	3.6	0.1	0.06	5	<0.5	<0.2	
524936	Rock	0.043	22	3	0.32	207	<0.001	1	0.82	0.011	0.25	0.1	<0.01	1.5	0.3	0.08	2	<0.5	0.4	
524937	Rock	0.052	15	3	0.03	663	<0.001	2	0.57	0.005	0.20	0.3	0.08	6.6	1.1	0.06	<1	<0.5	0.3	
524938	Rock	0.048	15	6	0.52	380	0.015	2	0.97	0.058	0.15	<0.1	0.03	5.0	0.2	<0.05	3	<0.5	<0.2	
524939	Rock	0.047	20	4	0.05	191	<0.001	2	0.66	0.004	0.18	0.2	0.42	4.3	0.2	0.09	1	<0.5	<0.2	
524940	Rock Pulp	0.062	6	17	0.94	60	0.116	1	1.59	0.111	0.20	0.3	8.82	1.7	0.1	1.77	4	<0.5	18.1	0.259

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001687.1

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
524941	Rock	3.63	0.231	5.7	10.6	737.2	12	4.8	0.2	0.2	29	1.75	122.7	217.2	2.6	10	0.1	18.9	7.3	4	0.03
524942	Rock	2.36	1.308	23.6	52.5	7805	66	31.2	0.5	0.7	59	3.83	550.0	1263	3.3	14	1.0	191.3	33.1	6	0.04
524943	Rock	2.82	0.239	5.6	714.6	73.5	529	0.6	12.3	9.9	2450	2.61	569.4	210.3	5.2	34	9.2	15.9	1.0	9	0.32
524944	Rock	2.62	0.107	3.7	553.8	74.3	280	0.6	8.2	8.3	2200	2.58	500.4	124.8	5.8	28	6.0	10.2	1.2	5	0.75
524945	Rock	2.30	0.048	2.5	783.2	59.0	266	0.6	8.6	12.9	1385	2.30	229.4	51.4	5.8	23	3.2	9.6	1.2	7	0.55
524946	Rock	2.19	0.202	2.7	28.7	272.4	21	11.0	0.6	0.5	59	1.58	148.0	266.9	2.1	11	0.4	10.6	15.5	4	0.04
524947	Rock	3.19	0.013	6.7	151.2	23.0	480	0.2	2.0	4.4	181	4.26	471.5	26.4	15.3	21	1.2	9.8	0.6	41	0.07
524948	Rock	3.04	0.718	19.2	17.8	796.3	16	15.4	0.4	0.3	39	1.16	251.6	646.8	2.7	21	0.8	135.9	49.5	5	0.03
524949	Rock	3.81	0.015	5.3	167.2	24.3	429	0.3	2.1	4.5	261	4.38	563.6	23.2	17.4	30	2.3	6.4	0.7	45	0.13
524950	Rock	2.93	3.995	24.7	17.9	951.1	11	48.5	0.3	0.2	20	1.24	163.2	3722	1.8	11	1.5	374.4	154.1	4	0.02
524951	Rock	1.00	<0.005	<0.1	1.4	1.5	17	<0.1	0.5	0.8	196	0.36	2.8	6.1	0.1	41	<0.1	0.2	0.1	<2	20.46
524952	Rock	2.90	2.368	2.4	26.4	93.3	180	1.2	0.6	0.5	78	2.49	8230	2633	4.8	37	1.3	11.3	2.1	12	0.15
524953	Rock	3.27	3.228	13.5	6.8	591.8	8	11.0	0.1	<0.1	20	2.64	571.0	3281	2.6	15	0.4	45.0	44.5	4	0.04
524954	Rock	2.45	0.127	4.8	24.0	207.4	30	1.6	1.7	0.7	29	2.79	182.8	140.7	6.3	74	0.1	18.3	4.4	8	0.07
524955	Rock	2.74	0.035	1.6	259.4	39.0	120	0.4	2.9	1.0	112	3.49	508.5	40.1	18.4	62	0.5	5.5	1.0	40	0.16
524956	Rock	3.78	0.018	1.3	341.9	40.4	282	0.3	2.3	2.3	117	4.31	493.9	17.8	18.5	56	0.3	2.1	1.1	47	0.15
524957	Rock	3.66	0.014	1.6	465.9	54.6	436	0.4	3.1	3.7	207	4.79	484.8	20.5	18.2	50	0.3	4.1	1.0	40	0.10
524958	Rock	5.22	0.014	1.7	57.1	25.0	271	0.3	4.1	8.4	939	2.60	12.6	17.1	12.8	32	2.7	0.7	0.6	45	0.49
524959	Rock	3.05	0.014	2.3	154.1	38.3	352	0.7	5.0	11.7	1196	2.78	26.3	15.7	13.2	20	4.0	1.1	1.0	45	0.30
524960	Rock Pulp	0.10	0.377	9.6	131.1	7.3	50	0.2	24.8	35.5	511	3.21	1348	384.9	2.9	82	0.2	1.8	4.1	80	1.51
524961	Rock	3.86	0.015	2.9	96.5	47.1	376	0.6	5.4	14.6	1442	3.81	23.4	15.0	12.0	36	3.3	1.1	0.8	58	0.26
524962	Rock	3.88	0.053	1.5	139.4	117.1	621	1.3	4.3	10.0	598	4.04	257.9	51.3	14.6	53	1.0	3.2	2.2	24	0.12
524963	Rock	3.02	0.121	2.1	14.6	206.3	25	3.4	1.8	0.7	52	1.61	111.2	132.7	5.1	31	0.1	7.0	7.7	5	0.05

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001687.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
524941	Rock	0.007	8	<1	0.02	196	0.002	4	0.23	0.006	0.48	0.2	0.22	0.4	0.4	0.60	1	<0.5	0.2	
524942	Rock	0.018	7	1	0.02	119	0.002	1	0.22	0.008	0.64	0.2	0.65	0.6	0.7	1.29	1	4.0	1.0	
524943	Rock	0.106	24	4	0.03	1115	<0.001	2	0.88	0.003	0.24	0.1	0.03	3.3	0.3	0.08	<1	<0.5	<0.2	
524944	Rock	0.085	20	2	0.04	339	<0.001	2	0.44	0.004	0.20	0.1	0.03	2.7	0.3	0.07	<1	<0.5	<0.2	
524945	Rock	0.090	14	3	0.06	213	0.001	2	0.91	0.004	0.21	0.1	0.04	3.0	0.3	0.06	<1	<0.5	<0.2	
524946	Rock	0.008	7	1	0.02	118	0.002	2	0.23	0.006	0.43	0.3	0.04	0.5	0.3	0.48	1	0.6	0.3	
524947	Rock	0.038	14	3	0.02	215	<0.001	2	0.48	0.018	0.45	0.1	0.29	3.2	0.3	0.62	3	<0.5	0.9	
524948	Rock	0.010	9	<1	0.02	466	0.001	2	0.22	0.008	0.31	0.2	0.24	0.5	0.4	0.36	<1	<0.5	1.5	
524949	Rock	0.045	18	4	0.14	281	0.001	2	0.69	0.022	0.41	0.3	0.12	3.6	0.2	0.55	5	0.7	0.4	
524950	Rock	0.005	7	<1	0.01	127	0.001	2	0.18	0.005	0.32	0.1	0.76	0.4	0.3	0.55	<1	1.9	3.3	
524951	Rock	0.013	<1	<1	11.83	17	<0.001	<1	0.03	0.002	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
524952	Rock	0.043	8	2	0.02	336	<0.001	4	0.40	0.011	0.36	0.2	0.08	2.5	1.1	0.39	2	<0.5	2.4	
524953	Rock	0.013	7	<1	0.02	132	0.003	1	0.20	0.008	0.67	0.3	0.33	0.6	0.5	0.98	<1	1.2	1.2	
524954	Rock	0.018	10	3	0.03	128	0.001	3	0.44	0.018	0.67	0.2	0.08	0.7	0.7	0.92	3	<0.5	0.5	
524955	Rock	0.053	17	7	0.23	155	<0.001	1	1.17	0.048	0.51	<0.1	0.10	4.2	0.4	0.69	5	0.7	0.3	
524956	Rock	0.066	18	7	0.10	114	<0.001	<1	0.89	0.059	0.56	<0.1	0.14	4.5	0.4	0.83	6	0.7	0.6	
524957	Rock	0.075	21	5	0.03	142	<0.001	<1	0.58	0.033	0.47	<0.1	0.12	4.6	0.3	0.67	3	<0.5	0.3	
524958	Rock	0.043	18	8	0.74	396	0.006	2	1.32	0.048	0.23	<0.1	0.01	3.9	0.3	0.18	4	<0.5	<0.2	
524959	Rock	0.045	16	8	0.76	134	0.007	2	1.34	0.040	0.20	<0.1	<0.01	3.6	0.2	0.25	4	0.5	<0.2	
524960	Rock Pulp	0.054	7	48	0.79	128	0.127	4	1.91	0.234	0.29	0.4	<0.01	2.9	<0.1	0.12	5	1.5	0.7	
524961	Rock	0.052	17	8	0.60	85	0.028	3	1.25	0.057	0.26	0.1	0.01	3.7	0.2	0.12	4	<0.5	<0.2	
524962	Rock	0.045	17	5	0.03	118	<0.001	1	0.46	0.016	0.39	0.1	0.09	3.1	0.3	0.44	1	0.6	0.8	
524963	Rock	0.019	10	3	0.02	130	0.001	2	0.36	0.015	0.47	0.3	0.06	1.8	0.3	0.48	1	<0.5	0.8	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

QUALITY CONTROL REPORT WHI11001687.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
524855	Rock	3.24	0.088	2.0	86.9	321.0	497	5.2	3.1	12.2	1028	3.93	195.4	100.6	12.5	92	6.0	7.7	12.9	37	0.16
REP 524855	QC		0.107																		
REP 524861	QC			1.2	22.6	63.0	199	1.1	3.0	8.7	591	2.69	38.2	48.3	10.0	18	3.5	1.4	2.9	25	0.13
524877	Rock	4.42	0.017	5.7	32.1	78.5	130	0.9	4.2	11.4	767	3.21	22.2	20.6	11.8	26	2.2	2.2	2.5	38	0.18
REP 524877	QC			5.2	29.7	73.7	118	0.8	3.8	10.3	726	3.02	20.7	17.9	10.9	25	2.0	2.0	2.3	36	0.17
524892	Rock	3.04	0.005	1.0	12.4	37.3	82	0.3	4.7	9.0	567	2.70	15.4	8.5	11.1	16	1.3	1.1	0.8	30	0.19
REP 524892	QC		0.015																		
REP 524896	QC			1.9	14.3	26.9	109	0.2	7.8	11.7	1496	2.43	76.4	10.8	4.3	43	1.6	2.8	0.1	9	1.97
524911	Rock	3.23	0.014	0.7	45.6	10.6	62	0.2	4.3	9.6	559	2.91	6.3	3.6	10.6	34	0.3	0.5	0.3	67	0.61
REP 524911	QC			0.6	45.0	10.6	64	0.2	4.7	9.8	554	2.90	6.1	3.6	10.7	35	0.3	0.5	0.2	68	0.62
524925	Rock	3.79	0.026	1.6	12.8	144.3	173	0.8	5.0	5.6	1323	1.93	95.7	31.5	5.6	88	2.7	1.2	0.2	9	2.29
REP 524925	QC			1.3	12.6	138.9	169	0.8	4.7	5.5	1245	1.84	92.7	27.2	5.5	85	2.4	1.2	0.2	9	2.13
524940	Rock Pulp	0.10	3.797	191.8	2324	69.6	85	32.2	32.9	23.0	624	4.28	42.0	3548	1.8	120	0.4	71.5	1.6	56	1.17
REP 524940	QC			191.4	2338	72.2	88	32.5	32.4	23.4	621	4.31	42.6	3583	1.8	119	0.3	72.4	1.7	56	1.16
524942	Rock	2.36	1.308	23.6	52.5	7805	66	31.2	0.5	0.7	59	3.83	550.0	1263	3.3	14	1.0	191.3	33.1	6	0.04
REP 524942	QC		1.329																		
524954	Rock	2.45	0.127	4.8	24.0	207.4	30	1.6	1.7	0.7	29	2.79	182.8	140.7	6.3	74	0.1	18.3	4.4	8	0.07
REP 524954	QC			5.0	25.2	211.1	36	1.6	1.9	0.7	30	2.82	190.4	147.7	6.4	73	0.3	17.9	4.4	9	0.07
Core Reject Duplicates																					
524861	Rock	4.05	0.034	1.1	22.4	64.2	202	1.1	3.1	8.8	602	2.71	39.3	58.3	10.4	18	3.5	1.4	3.0	26	0.14
DUP 524861	QC		0.024	1.0	21.6	57.0	191	1.1	3.2	8.3	561	2.54	33.6	24.9	10.0	16	3.0	1.3	2.6	26	0.14
524896	Rock	2.93	0.011	1.9	14.4	29.8	111	0.2	7.9	11.9	1526	2.48	77.4	12.3	4.6	45	1.6	2.9	0.2	9	2.01
DUP 524896	QC		0.017	1.8	14.7	28.6	115	0.2	7.9	11.3	1501	2.43	75.8	11.5	4.1	42	1.7	2.8	0.1	8	1.87
524931	Rock	0.86	<0.005	<0.1	0.6	0.4	12	<0.1	0.7	0.7	229	0.43	<0.5	0.6	0.1	38	<0.1	<0.1	<0.1	<2	21.44
DUP 524931	QC		<0.005	<0.1	1.0	0.4	11	<0.1	0.4	0.8	213	0.42	<0.5	1.6	<0.1	35	<0.1	<0.1	<0.1	<2	20.24
Reference Materials																					
STD DS8	Standard			13.5	114.0	127.7	311	1.8	38.5	7.9	597	2.46	24.9	128.6	7.1	62	2.5	5.6	6.8	44	0.69
STD DS8	Standard			13.2	112.5	121.0	315	1.8	39.7	7.9	607	2.52	26.1	109.5	6.8	62	2.6	6.0	6.8	41	0.70

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

QUALITY CONTROL REPORT WHI11001687.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																				
524855	Rock	0.054	18	4	0.21	264	0.001	1	0.93	0.037	0.40	0.2	0.02	2.9	0.4	0.50	3	0.6	1.1	
REP 524855	QC																			
REP 524861	QC	0.044	15	4	0.31	169	0.001	<1	0.77	0.014	0.22	1.6	<0.01	2.3	0.2	<0.05	2	0.6	0.3	
524877	Rock	0.057	21	5	0.49	253	0.002	<1	1.10	0.026	0.18	0.1	0.01	3.6	0.2	<0.05	4	0.6	0.5	
REP 524877	QC	0.050	20	4	0.46	236	0.002	1	1.04	0.024	0.17	0.1	0.01	3.5	0.2	<0.05	3	0.7	0.6	
524892	Rock	0.056	19	7	0.54	233	0.002	1	1.04	0.031	0.22	<0.1	<0.01	3.1	0.2	0.08	4	<0.5	<0.2	
REP 524892	QC																			
REP 524896	QC	0.102	17	4	0.07	390	0.001	1	0.49	0.009	0.28	<0.1	<0.01	2.7	0.2	0.21	1	<0.5	<0.2	
524911	Rock	0.054	11	9	0.96	250	0.115	<1	1.55	0.116	0.23	0.2	<0.01	4.5	0.1	0.07	6	<0.5	<0.2	
REP 524911	QC	0.052	12	9	0.96	257	0.119	1	1.55	0.118	0.24	0.2	<0.01	4.7	0.1	0.07	6	0.6	<0.2	
524925	Rock	0.067	21	3	0.09	259	0.001	2	0.45	0.007	0.26	<0.1	0.01	1.9	0.2	0.18	<1	<0.5	<0.2	
REP 524925	QC	0.064	20	3	0.08	253	0.001	2	0.42	0.006	0.26	0.1	0.01	1.9	0.2	0.17	<1	0.7	<0.2	
524940	Rock Pulp	0.062	6	17	0.94	60	0.116	1	1.59	0.111	0.20	0.3	8.82	1.7	0.1	1.77	4	<0.5	18.1	0.259
REP 524940	QC	0.064	6	17	0.96	61	0.116	1	1.60	0.112	0.19	0.3	9.05	1.7	0.1	1.77	4	<0.5	18.9	
524942	Rock	0.018	7	1	0.02	119	0.002	1	0.22	0.008	0.64	0.2	0.65	0.6	0.7	1.29	1	4.0	1.0	
REP 524942	QC																			
524954	Rock	0.018	10	3	0.03	128	0.001	3	0.44	0.018	0.67	0.2	0.08	0.7	0.7	0.92	3	<0.5	0.5	
REP 524954	QC	0.019	10	4	0.03	133	0.001	4	0.41	0.018	0.68	0.2	0.09	0.6	0.8	0.94	3	<0.5	0.6	
Core Reject Duplicates																				
524861	Rock	0.044	16	3	0.31	174	0.001	1	0.84	0.015	0.24	1.5	0.01	2.4	0.2	<0.05	3	0.7	0.4	
DUP 524861	QC	0.044	16	4	0.34	166	0.001	<1	0.84	0.015	0.22	1.5	<0.01	2.3	0.2	<0.05	3	0.6	0.3	
524896	Rock	0.104	19	4	0.07	430	0.001	1	0.63	0.010	0.30	<0.1	<0.01	2.7	0.2	0.21	1	<0.5	<0.2	
DUP 524896	QC	0.100	17	4	0.09	375	0.001	<1	0.44	0.008	0.25	<0.1	<0.01	2.7	0.2	0.21	1	<0.5	<0.2	
524931	Rock	0.021	<1	<1	12.75	10	<0.001	<1	0.03	0.002	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
DUP 524931	QC	0.017	<1	<1	12.23	10	<0.001	<1	0.02	0.002	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.081	14	114	0.60	265	0.113	2	0.89	0.085	0.41	2.8	0.20	2.5	5.6	0.16	5	5.5	5.1	
STD DS8	Standard	0.083	15	117	0.61	281	0.116	3	0.91	0.087	0.41	3.0	0.19	2.3	5.3	0.17	5	6.2	5.0	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

QUALITY CONTROL REPORT WHI11001687.1

		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD DS8	Standard			13.6	111.7	122.9	315	1.8	37.9	7.7	628	2.55	25.1	98.7	7.1	70	2.6	5.3	6.4	41	0.76
STD DS8	Standard			12.6	105.0	122.4	307	1.7	36.5	7.2	602	2.42	24.4	111.5	6.8	64	2.6	5.6	6.8	40	0.67
STD DS8	Standard			13.3	101.9	124.7	285	1.7	35.5	7.3	584	2.39	22.6	113.7	7.5	66	2.2	4.9	5.8	44	0.73
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.347																		
STD OXH82	Standard		1.338																		
STD OXH82	Standard		1.285																		
STD OXH82	Standard		1.209																		
STD OXK79	Standard		3.856																		
STD OXK79	Standard		3.640																		
STD OXK79	Standard		3.469																		
STD OXK79	Standard		3.438																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

QUALITY CONTROL REPORT WHI11001687.1

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
STD DS8	Standard	0.079	17	122	0.64	279	0.125	2	1.01	0.104	0.43	3.0	0.22	2.2	5.3	0.16	5	3.7	5.1	
STD DS8	Standard	0.075	15	110	0.60	282	0.114	3	0.90	0.085	0.40	2.9	0.18	1.9	5.2	0.15	4	4.3	5.1	
STD DS8	Standard	0.069	18	116	0.58	266	0.130	3	0.89	0.089	0.40	3.0	0.20	2.3	5.4	0.16	4	4.7	4.2	
STD OREAS131B	Standard																			0.021
STD OREAS131B	Standard																			0.024
STD OREAS153A	Standard																			0.698
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD SU-1B	Standard																			1.159
STD SU-1B	Standard																			1.176
STD OXH82 Expected																				
STD OXK79 Expected																				
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS131B Expected																				0.0216
STD SU-1B Expected																				1.185
STD OREAS153A Expected																				0.712
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

QUALITY CONTROL REPORT WHI11001687.1

		WGHT Wgt kg 0.01	G6 Au gm/t 0.005	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	4.4	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	<0.005	<0.1	2.8	3.1	45	<0.1	2.5	4.2	532	1.86	<0.5	0.5	4.7	58	<0.1	<0.1	<0.1	38	0.48
G1	Prep Blank	<0.01	<0.005	<0.1	2.2	3.0	45	<0.1	2.4	4.0	539	1.85	<0.5	<0.5	4.9	53	<0.1	<0.1	<0.1	38	0.45

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 08, 2011

QUALITY CONTROL REPORT WHI11001687.1

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			<0.001
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			<0.001
Prep Wash																				
G1	Prep Blank	0.073	12	4	0.48	143	0.120	1	0.92	0.100	0.45	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.070	12	4	0.48	143	0.118	<1	0.84	0.074	0.43	<0.1	<0.01	2.0	0.3	<0.05	4	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

APPENDIX 5

Diamond Drill Logs and Sections

Etzel Project
DDH ET-11-01
Drill Log Summary

Hole Id: **ET-11-01**

Property: **Etzel**
Area:
Client: **Great Bear Resources**

Logged By: **Chris Amy**
Date Logged: **Sept/13/2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83		
Easting:	384903	Azimuth:	156
Northing:	6888338	Dip:	46
Elevation:	1298	Length:	126.83

Proposed:

Easting:	384903	Azimuth:	160
Northing:	6888338	Dip:	-45
Elevation:	1298	Length:	120

Survey Type: **Ranger Single Shot**

Distance	Azi	Dip	Accept
14.63	156.5	-46.2	yes
51.22	155.8	-46.9	yes
100.00	154.9	-47.0	yes
121.34	156.5	-47.0	yes

Drilling Information:

Contractor:	**Strike Drilling**
Core Diameter:	**HQ**
Start Date:	**Sept/12/2011**
End Date:	**Sept/13/2011**
Casing In:	**NO**
Casing Capped:	**NA**
Units:	**Imperial**

Hole Objective: Test the downward extent of gold values recovered from historic trenching.

Lithology Summary

From	To	Lith	Comment
0.00	**5.85**	**10**	**Overburdon**
5.85	**126.83**	**1**	**Granodiorite**

Hole Summary: The hole stayed within granodiorite through out its entire extent. Relatively unaltered granodiorite is grey green, medium to coarse grained, with 30% quartz, and 10% faint pink potasium feldspar. Three major alteration assemblages were recorded. Strong pervasive limonite oxidation found through out the upper 31.75m of the hole, and then alternating 1-25m wide zones of Propylitic alteration: with moderate disseminated chlorite alteration, weak disseminated epidote, areas with weak disseminated magnetite, and 0.1-1% disseminated pyrite, and Phylic alteration: with pervasive pale grey green sericite alteration, and 0.1-2% disseminated, blebby, and fracture filling pyrite. Phylic alteration is most intense from 89.10-114.75m with 2% disseminated, fracture filling, and stringer pyrite, and 0.1-1% disseminated and stringer black sphalerite in areas from 96.75-105.60m.

Etzel Project
DDH ET-11-01
RQD and Recovery

Hole Id: **ET-11-01**
Recorded by: **MZ**

Note: RQD (Rock Quality Designation) based on: total length of core ≥ twice the core diameter (10 cm for NQ2 core size; RQD Recovery) within an interval

From	To	Recovered	RQD Recovery	Recovery	RQD
1.83	4.88	0.00	0.00	0%	0%
4.88	7.93	2.09	1.32	69%	43%
7.93	10.97	3.14	0.40	103%	13%
10.97	13.26	2.32	0.81	101%	35%
13.26	16.16	2.67	1.01	92%	35%
16.16	17.07	0.90	0.42	99%	46%
17.07	20.12	2.68	0.56	88%	18%
20.12	23.17	3.27	0.90	107%	30%
23.17	26.22	3.20	0.00	105%	0%
26.22	29.27	2.97	0.50	97%	16%
29.27	32.32	3.10	0.80	102%	26%
32.32	35.36	3.19	1.53	105%	50%
35.36	38.41	2.90	1.50	95%	49%
38.41	41.46	3.43	1.90	112%	62%
41.46	44.51	3.10	2.70	102%	89%
44.51	47.56	3.20	1.93	105%	63%
47.56	50.61	3.26	1.40	107%	46%
50.61	53.66	3.16	1.40	104%	46%
53.66	56.71	3.10	2.15	102%	70%
56.71	59.76	3.01	1.55	99%	51%
59.76	62.80	3.14	1.19	103%	39%
62.80	65.85	3.20	1.08	105%	35%
65.85	68.90	3.25	1.93	107%	63%
68.90	71.95	3.20	1.56	105%	51%
71.95	75.00	3.10	2.13	102%	70%
75.00	78.05	3.05	1.84	100%	60%
78.05	81.10	3.25	2.82	107%	92%
81.10	84.16	3.14	2.65	103%	87%
84.16	87.20	3.20	2.66	105%	87%
87.20	90.24	3.00	1.75	99%	58%
90.24	93.30	3.12	2.52	102%	82%
93.30	96.34	3.15	2.46	104%	81%
96.34	99.40	3.12	1.96	102%	64%
99.40	102.44	3.05	0.77	100%	25%
102.44	105.49	3.19	1.40	105%	46%
105.49	108.54	3.20	2.20	105%	72%
108.54	111.58	3.25	1.88	107%	62%
111.58	114.63	3.06	2.18	100%	71%
114.63	117.68	3.27	1.75	107%	57%
117.68	120.73	3.23	1.97	106%	65%
120.73	123.78	3.13	2.10	103%	69%
123.78	126.83	3.14	2.79	103%	91%
	EOH				

Etzel Project
DDH ET-11-01 Detailed Description

Primary Intervals		Secondary Intervals		Lith	Lithology	Description
From	To	From	To	Code		
1.83	5.85			10	Overburdon	Orange, limonite oxidized, clay, sand, and cm sized rock fragments.
5.85	9.00			2	Granodiorite	Orange, perv str lim alt granodiorite. Limonite has altered matrix, and stained flds orange. Qtz phenos remain un-effected. Faded lower alt contact at about 30° tca. (Hand sample taken from 6.75-6.90m)
9.00	15.70			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite. Xtl boundaries are blurred. Resembles propylitic alt. (Hand sample taken from 12.35-12.50m)
			14.50			Cal, si, py stringer at 5° tca.
15.70	31.75			2	Granodiorite	Orange, perv str-intense lim alt granodiorite. Areas where qtz phenos are all that remains of original texture. (Hand sample taken from 17.55-17.70m, 26.45-26.60m, 30.35-30.60m)
		23.90	26.00			Patchy grey clay alt from 23.90-26.00m, w/ short irreg 2cm wide, 10cm long grey silica band/pod at 5° tca.
		30.85	31.10			Dark grey and orange, fg, dyke w/ sharp upper and lower contacts at 25° and 35° tca respectively. Contains few cm GD xenoliths.
31.75	35.75			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite. Xtl boundaries are blurred. Resembles propylitic alt. Grades into zone of mod-str ser alt. (Hand sample taken from 32.55-32.70m)
35.75	43.55			3	Granodiorite	Grey and orange, str perv pale grey/green ser and clay alt of matrix and flds, patchy lim alt along fracs. Qtz phenos remain. Tr diss unknown soft pink mineral. Becoming more phylicly altered. (Hand sample taken from 41.20-41.45m)
		37.45	41.46			Zone of increased lim alt forming 10-50cm wide patches focused along fracs. Tr hem along some frac surfaces.
43.55	45.80			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite, w/ 1% mm biotite xlts. Xtl boundaries are blurred. Resembles propylitic alt.
			44.00			15cm wide band of fissile phylic alt as described above at 15° tca.
45.80	48.40			3	Granodiorite	Grey and orange, str perv pale grey/green ser alt of matrix and flds, patchy lim alt along fracs. 10% diss chl alt. Qtz phenos remain. Becoming more phylicly altered. Sharp lower contact at 10° tca. Rubbly in places.
48.40	49.25			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite, w/ 1% mm biotite xlts. Xtl boundaries are blurred. Resembles propylitic alt. Sharp upper and lower alt contacts at 10o and 40o tca.
49.25	51.45			3	Granodiorite	Grey and orange, str perv pale grey/green ser alt of matrix and flds, patchy lim alt along fracs. Contains 1-2% diss and irreg frac filling py. Upper 50cm contain 10% diss chl alt. Qtz phenos remain. Becoming more phylicly altered. Sharp lower contact at 10° tca.
51.45	56.25			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite, w/ tr mm biotite xlts. Xtl boundaries are blurred. Resembles propylitic alt. (Hand sample taken from 54.35-54.5m)
56.25	61.80			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds, wk lim alt along frac surfaces. Contains 2% diss and irreg frac filling py. Upper 1m contains 10% diss chl alt. Qtz phenos remain. Becoming more phylicly altered. Mod sharp irreg lower contact at 10° tca. (Hand sample taken from 59.75-59.95m)
		60.15	61.90			Fault zone at 15° tca w/ coherent clay fault gouge.
61.80	62.80			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% pale green ser alt flds, granodiorite, w/ tr mm biotite xlts. Xtl boundaries are blurred. Contains 1% diss and stringer py at 10o and 60o tca. Resembles propylitic alt.
62.80	64.20			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds. Contains 2% diss and irreg frac filling py. Qtz phenos remain. Resembles phylic alt. Gradational alt contacts.
64.20	69.40			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite, w/ tr mm biotite xlts. Xtl boundaries are blurred. Contains 1% diss py. Resembles propylitic alt.
		65.35	66.15			Fault zone at 15° tca w/ coherent fault gouge composed of clay and rock fragments.

Etzel Project
DDH ET-11-01 Detailed Description

Primary Intervals		Secondary Intervals		Lith	Lithology	Description
From	To	From	To	Code		
69.40	76.50			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds. Contains 2% diss and irreg frac filling py. Qtz phenos remain. Resembles phylic alt. Gradational upper alt contact and sharp lower alt contact at 20^{o} tca.
76.50	89.10			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, granodiorite, w/ tr mm biotite xlts. 10% faint pink Kspar from 76.50-80.70m. Xtl boundaries are blurred. Contains 1% diss py. Resembles propylitic alt. From 80.70-89.10m increased ser alt, seams to be grading into phylic alt. (Hand sample taken from 77.80-78.00m, 82.50-82.65m)
			78.60			Faded band of si 1cm wide at 20^{o} tca w/ 5% diss py in and around it.
89.10	114.75			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt and white clay alt of matrix and flds. Cm wide areas of perv pale pink staining. Qtz phenos remain. Contains 2% diss and irreg frac filling py. Resembles phylic alt. Gradational upper alt contact and sharp lower alt contact at 20^{o} tca. (Hand Sample taken from 95.60-95.75m, and 112.00-112.15m)
		89.10	89.35			Very broken up and rubbly zone. Possible fault w/ lose clay gouge at 50^{o} tca.
		96.75	97.30			Zone contains 3 py and sphalerite stringers at 20-30^{o} tca associated w/ si, cal. Sphalerite is dark grey/black and occurs in stringers and as mm blebs around diss/blebby py.
		100.40	101.00			Very broken up and rubbly zone. Possible fault w/ lose clay gouge at 45^{o} tca.
		101.55	102.60			Si, cal, py stringer at 0-10^{o} tca w/ 0.1-1% blebby, dark grey/black sphalerite.
			105.60			Si, cal veinlet at 15^{o} tca w/ 2% mm blebby py and dark grey/black and tan sphalerite. (Hand Sample taken from 105.49-105.80m)
			111.90			2cm wide grey si band w/ 10% diss/blebby py at 45^{o} tca.
114.75	126.83			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite, w/ tr mm biotite xlts. Xtl boundaries are blurred. Resembles propylitic alt. (Hand Sample taken from 120.00-120.15m)
			122.85			20cm wide zone w/ str clay alt matrix, irreg contacts at ~30^{o} tca
126.83	EOH					

Etzel Project
DDH ET-11-01 Intervals and Attributes

Interval				Lithology		Mineralization				Alteration										Veining				Brecciation					Fracture	Structure					
From	To	Width	Sample	Code	Lithology	Py%	Cp%	Sph	Mnzn Style	Si	Ser	Cal	Lim	Hem	Mag	Chl	Epi	Alb	Cly	Altn Style	Assemblage	Width	% Int	Orient	Clasts	% Clasts	Rounding	Matrix	Intensity	Intensity	Ft	Fr	Ct	Bd	Shr	Fol
		BLANK	1068001																																
5.85	7.85	2.00	1068002	1	Granodiorite							1	4							perv										3		30				
7.85	9.00	1.15	1068003	1	Granodiorite								4							perv										4		15	30			
9.00	11.00	2.00	1068004	5	Granodiorite	0.1			diss			1	2		1	1	1			diss										4						
11.00	13.00	2.00	1068005	5	Granodiorite								2		1	1	1			diss										4		45				
13.00	15.00	2.00	1068006	5	Granodiorite							1	2		1	1	1			diss										4						
15.00	15.70	0.70	1068007	5	Granodiorite								2		1	1	1			diss										4		30				
15.70	17.70	2.00	1068008	2	Granodiorite								4							perv										4						
17.70	19.70	2.00	1068009	2	Granodiorite								5							perv										5		15				
		STANDARD PM436	1068010										5																							
19.70	21.70	2.00	1068011	2	Granodiorite								4							perv										5						
21.70	23.70	2.00	1068012	2	Granodiorite								5							perv										5		40				
23.70	25.70	2.00	1068013	2	Granodiorite					1			5							patchy, perv										5						
25.70	27.70	2.00	1068014	2	Granodiorite								5							perv										5		45				
27.70	29.70	2.00	1068015	2	Granodiorite								5							perv										5						
29.70	31.75	2.05	1068016	2	Granodiorite	0.1			diss				4							perv										4		45	25,35			
31.75	33.75	2.00	1068017	5	Granodiorite	0.1			diss			1	1		1	2	1			diss										4						
33.75	35.75	2.00	1068018	5	Granodiorite	0.1			diss			1	1		1	2	1			diss										4		15				
		FIELD DUPLICATE	1068019																																
35.75	37.45	1.70	1068020	3	Granodiorite	1			diss, stringer		1	1	2			1				diss/perv										3						
37.45	39.45	2.00	1068021	3	Granodiorite	1			diss, stringer		2		3	1		1				patchy/perv										4		30				
39.45	41.46	2.01	1068022	3	Granodiorite	0.1			diss		2	1	4						2	patchy/perv										4						
41.46	42.50	1.04	1068023	3	Granodiorite	1			diss, stringer		3	1	2			2	1		2	patchy/perv										3		30				
		BLANK	1068024																																
42.50	43.55	1.05	1068025	3	Granodiorite	0.1			diss		3	1	2			1				patchy/perv										3						
43.55	45.00	1.45	1068026	5	Granodiorite	0.1			diss		2	1	2		1	2	1			patchy/perv										3		15				
45.00	45.80	0.80	1068027	5	Granodiorite	0.1			diss			1	1		2	2	1			perv										3						
45.80	47.30	1.50	1068028	3	Granodiorite	1			diss		3	1	2		1	2				patchy/perv										4		30				
47.30	48.40	1.10	1068029	3	Granodiorite	0.1			diss		4	1	2			2				patchy/perv										4			10			
48.40	49.25	0.85	1068030	5	Granodiorite	0.1			diss				1		1	3	1			diss										3		40	40			
49.25	50.75	1.50	1068031	3	Granodiorite	1			diss, stringer		4	1	2			2			2	patchy/perv										3						
50.75	51.45	0.70	1068032	3	Granodiorite	1			diss, stringer		3		1							patchy/perv										3		40	10			
		STANDARD PM1129	1068033																																
51.45	52.95	1.50	1068034	5	Granodiorite	0.1			diss		2		1			3	1			diss										3						
52.95	54.50	1.55	1068035	5	Granodiorite	0.1			diss				1		1	3	1			diss										3		15				
54.50	56.25	1.75	1068036	5	Granodiorite	0.1			diss				1		1	3				diss										3						
56.25	57.75	1.50	1068037	3	Granodiorite	1			diss		3		1		1	2			1	perv										4		50				
57.75	59.25	1.50	1068038	3	Granodiorite	2			diss		3	1	1			2				perv										3						
59.25	60.15	0.90	1068039	3	Granodiorite	2			diss		3					1				perv										3		70				
60.15	61.80	1.65	1068040	3	Granodiorite	2			diss, stringer		3								1	perv										4	15		10			
61.80	62.80	1.00	1068041	5	Granodiorite	1			diss, stringer		2				1	3	1			diss, perv										3		30				
		FIELD DUPLICATE	1068042																																
62.80	64.20	1.40	1068043	3	Granodiorite	2			diss, stringer		4			1						perv										3						
64.20	66.15	1.95	1068044	5	Granodiorite	1			diss			1			1	3	1			diss										4	15	30				
66.15	67.65	1.50	1068045	5	Granodiorite	1			diss					1	1	3	1			diss										3						
67.65	69.40	1.75	1068046	5	Granodiorite	1			diss			2			1	3	1			diss										3		55	Grad			
69.40	70.95	1.55	1068047	3	Granodiorite	2			diss, stringer		3	2								diss, perv										4						
70.95	72.50	1.55	1068048	3	Granodiorite	2			diss, stringer		3	1				2	1			diss, perv										3		30				
72.50	74.00	1.50	1068049	3	Granodiorite	2			diss, stringer		3	1				1			1	diss, perv										3						
74.00	75.50	1.50	1068050	3	Granodiorite	1			diss		3	1								diss, perv										3		30				
75.50	76.50	1.00	1068051	3	Granodiorite	1			diss		3	1								diss, perv										3			20			
76.50	78.00	1.50	1068052	5	Granodiorite	1			diss, stringer			1			1	3	1			diss										3		50,75				
		BLANK	1068053																																
78.00	79.50	1.50	1068054	5	Granodiorite	2			diss, stringer			1			1	3	1			diss										3						
79.50	81.10	1.60	1068055	5	Granodiorite	2			diss, stringer		2	1			1	3	1			diss										3		50				
81.10	82.65	1.55	1068056	5	Granodiorite	1			diss, stringer		2	1				3	1			diss										3						
82.65	84.15	1.50	1068057	5	Granodiorite	1			diss, stringer		2	1				3	1			diss										3		40				
84.15	85.70	1.55	1068058	5	Granodiorite	1			diss, stringer		2	1				3	1			diss										3						
85.70	87.20	1.50	1068059	5	Granodiorite	1			diss, stringer		2	1				2	1			diss										3		45				
87.20	89.10	1.90	1068060	5	Granodiorite	1			diss, stringer		2	1			1	2	1			diss										3			Grad			
89.10	90.60	1.50	1068061	3	Granodiorite	2			diss, stringer		3	1				1				perv										4	50	30,60				
		STANDARD PM436	1068062																	perv																
90.60	92.10	1.50	1068063	3	Granodiorite	2			diss, stringer		4					1			2	perv										3						
92.10	93.60	1.50	1068064	3	Granodiorite	2			diss, stringer		4								3	perv										3		40				
93.60	95.10	1.50	1068065	3	Granodiorite	2			diss, stringer		4								2	perv										3						
95.10	96.60	1.50	1068066	3	Granodiorite	1			diss, stringer		4								2	perv										3		40				
96.60	98.10	1.50	1068067	3	Granodiorite	2		1	diss, blebby, strin		4								2	perv										3						
98.10	99.60	1.50	1068068	3	Granodiorite	2			diss, stringer		4								2	perv										3		55				
99.60	101.10	1.50	1068069	3	Granodiorite	1			diss, stringer		4								2	perv										4						
101.10	102.60	1.50	1068070	3	Granodiorite	2		1	diss, stringer		4								2	perv										3	45	45				
		FIELD DUPLICATE	1068071																																
102.60	104.10	1.50	1068072	3	Granodiorite	2			diss, blebby, strin		4								2	perv										3						
104.10	105.50	1.40	1068073	3	Granodiorite	1			diss		4								1	perv										3		30				

Etzel Project
DDH ET-11-01 Intervals and Attributes

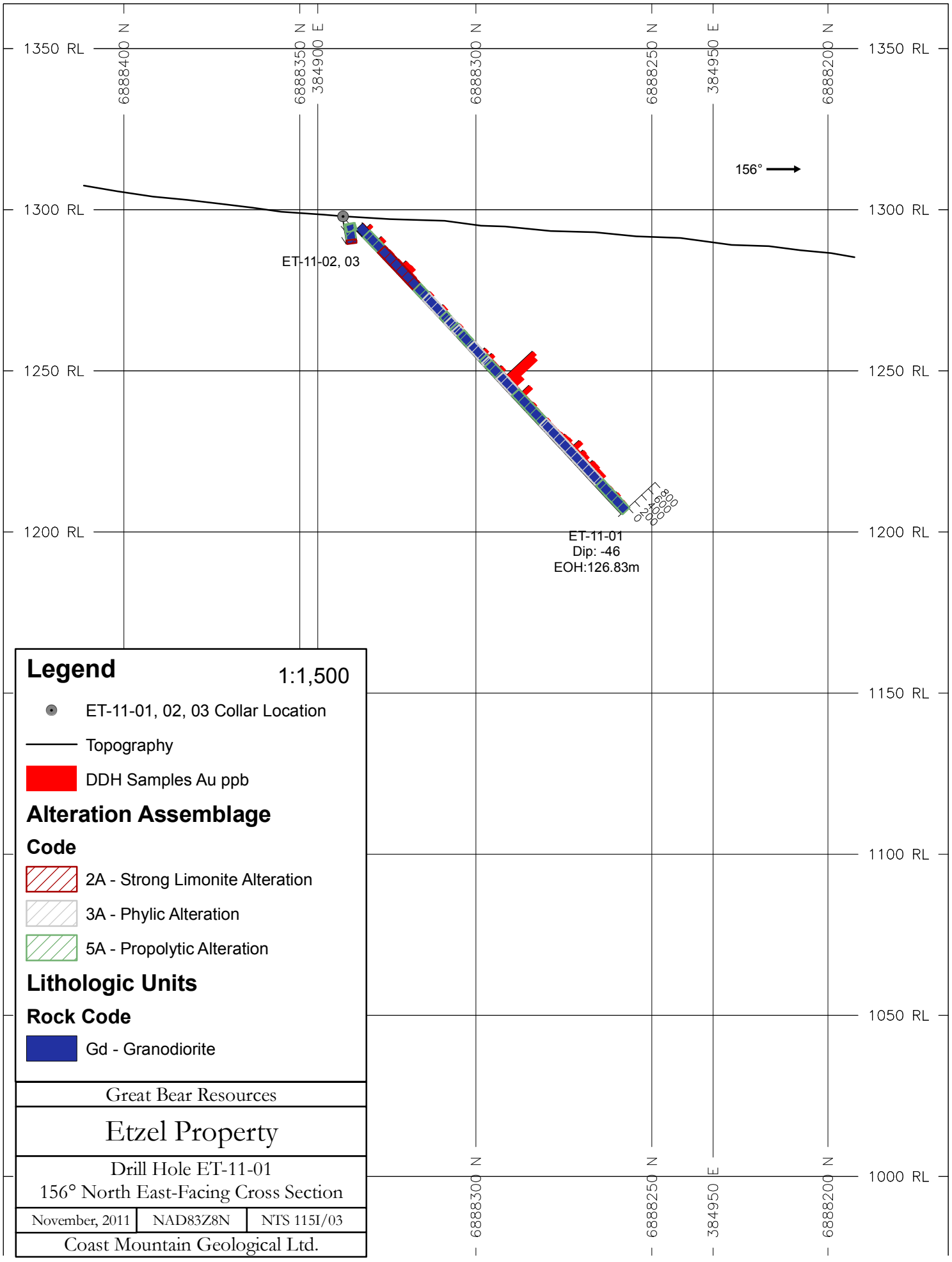
Interval				Lithology		Mineralization				Alteration										Veining				Brecciation					Fracture	Structure					
From	To	Width	Sample	Code	Lithology	Py%	Cp%	Sph	Mnzn Style	Si	Ser	Cal	Lim	Hem	Mag	Chl	Epi	Alb	Cly	Altn Style	Assemblage	Width	% Int	Orient	Clasts	% Clasts	Rounding	Matrix	Intensity	Intensity	Ft	Fr	Ct	Bd	Shr	Fol
105.50	107.00	1.50	**1068074**	**3**	Granodiorite	1		0.1	diss		4	1							1	perv										3						
107.00	108.50	1.50	**1068075**	**3**	Granodiorite	1			diss		4								1	perv										3		50				
108.50	110.00	1.50	**1068076**	**3**	Granodiorite	2			diss, blebby, strin		4								1	perv										3						
110.00	111.50	1.50	**1068077**	**3**	Granodiorite	1			diss		4								1	perv										3		50				
111.50	113.00	1.50	**1068078**	**3**	Granodiorite	1			diss		4								1	perv										3						
113.00	114.75	1.75	**1068079**	**3**	Granodiorite	2			diss, stringer		4	1							1	perv										3		35	20			
114.75	116.25	1.50	**1068080**	**5**	Granodiorite	1			diss			1		1	1	3	1			diss										3						
		BLANK	**1068081**																																	
116.25	117.75	1.50	**1068082**	**5**	Granodiorite	1			diss			1			1	3	1			diss										3		40				
117.75	119.25	1.50	**1068083**	**5**	Granodiorite	1			diss			1			1	3	1			diss										3						
119.25	120.75	1.50	**1068084**	**5**	Granodiorite	1			diss			1		1	1	3	1			diss										3		30				
120.75	122.25	1.50	**1068085**	**5**	Granodiorite	1			diss			1			1	3	1			diss										3						
122.25	123.75	1.50	**1068086**	**5**	Granodiorite	1			diss			1			1	3	1			diss										3		30				
123.75	125.25	1.50	**1068087**	**5**	Granodiorite	1			diss			1		1	1	3	1			diss										3						
125.25	126.83	1.58	**1068088**	**5**	Granodiorite	1			diss			1		1	1	3	1			diss										3		30				

Etzel Project
DDH ET-11-01
Down Hole Surveys

Date	Survey Depth		Mag. North*	Azimuth (reading)	Azimuth (actual)	Inclination	Mag Strength	Mag Dip	Gravity Roll	Grav Inten	Mag Tool Face	Temp	Comments
	Feet	Metres											
Sept/13/2011	48	14.63			156.50	-46.2	58527.8	-77.8					
Sept/13/2011	58	17.68			156.00	-46.2	58140.4	-77.7					
Sept/13/2011	68	20.73			159.60	-46.7	58640	-77.8					
Sept/13/2011	78	23.78			154.60	-46.5	57764.7	-78.9					
Sept/13/2011	88	26.83			155.30	-46.7	57218.3	-76.1					
Sept/13/2011	98	29.88			153.40	-46.7	57622.1	-77.6					
Sept/13/2011	108	32.93			154.60	-46.7	57542.4	-77.6					
Sept/13/2011	118	35.98			157.20	-46.6	56229.3	-76.7					
Sept/13/2011	128	39.02			156.70	-46.7	57825.8	-77.6					
Sept/13/2011	138	42.07			156.10	-46.7	56310.4	-76.9					
Sept/13/2011	148	45.12			154.50	-47.1	57597.8	-75.7					
Sept/13/2011	158	48.17			156.70	-46.9	56806.9	-76.5					
Sept/13/2011	168	51.22			155.80	-46.9	55396.8	-76.1					
Sept/13/2011	178	54.27			157.10	-47.2	57506.9	-77.5					
Sept/13/2011	188	57.32			151.80	-47.1	57585	-77.8					
Sept/13/2011	198	60.37			158.90	-47.1	57022.5	-76.2					
Sept/13/2011	208	63.41			155.40	-47.2	57275.9	-78.6					
Sept/13/2011	218	66.46			155.90	-47	56037.6	-76.6					
Sept/13/2011	228	69.51			155.00	-47.1	57011.6	-75.8					
Sept/13/2011	238	72.56			155.00	-47.1	57392.4	-78.4					
Sept/13/2011	248	75.61			152.10	-46.9	57401.8	-77.8					
Sept/13/2011	258	78.66			156.80	-46.8	56083.6	-76.9					
Sept/13/2011	268	81.71			155.30	-46.9	57313.1	-77.5					
Sept/13/2011	278	84.76			155.30	-46.9	55636.3	-76.3					
Sept/13/2011	288	87.80			154.60	-46.9	57195.3	-77.3					
Sept/13/2011	298	90.85			154.80	-47	57141.6	-78.5					
Sept/13/2011	308	93.90			156.70	-46.8	55895.9	-76.7					
Sept/13/2011	318	96.95			156.70	-47.2	57463.2	-78.3					
Sept/13/2011	328	100.00			154.90	-47	56474.7	-75.9					
Sept/13/2011	338	103.05			154.00	-47.1	57363.5	-77.5					
Sept/13/2011	348	106.10			157.10	-47.2	57369.2	-76.3					
Sept/13/2011	358	109.15			153.00	-47.1	57166.2	-78					
Sept/13/2011	368	112.20			158.20	-47	56523.1	-77					
Sept/13/2011	378	115.24			156.70	-47.2	57309.5	-78.2					
Sept/13/2011	388	118.29			157.50	-47.2	57271.2	-76.5					
Sept/13/2011	398	121.34			156.50	-47	56570.3	-76.7					

Etzel Project
DDH ET-11-01
Assay Results

From	To	Interval Width	Sample	WGHT Wgt KG	G6 Au GM/T	1DX15 Mo PPM	1DX15 Cu PPM	1DX15 Pb PPM	1DX15 Zn PPM	1DX15 Ag PPM	1DX15 Ni PPM	1DX15 Co PPM	1DX15 Mn PPM	1DX15 Fe %	1DX15 As PPM	1DX15 Au PPB	1DX15 Th PPM	1DX15 Sr PPM	1DX15 Cd PPM	1DX15 Sb PPM	1DX15 Bi PPM	1DX15 V PPM	1DX15 Ca %	1DX15 P %	1DX15 La PPM	1DX15 Cr PPM	1DX15 Mg %	1DX15 Ba PPM	1DX15 Ti %	1DX15 B PPM	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W PPM	1DX15 Hg PPM	1DX15 Sc PPM	1DX15 Tl PPM	1DX15 S %	1DX15 Ga PPM	1DX15 Se PPM	1DX15 Te PPM	7TD Cu %
		BLANK	**1068001**	0.41	<0.005	0.1	0.6	1	13	<0.1	1.2	0.5	205	0.44	<0.5	<0.5	<0.1	39	0.1	<0.1	<0.1	<2	20.13	0.016	<1	<1	11.52	9	<0.001	<1	0.02	0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
5.85	7.85	2.00	**1068002**	4.37	<0.005	0.7	16.6	40.9	206	0.3	4	7.7	2193	3.18	38.2	7.2	13.1	28	3	1.1	0.5	28	1.22	0.042	19	5	0.3	140	<0.001	2	0.78	0.013	0.2	<0.1	<0.01	3.5	0.1	0.27	3	<0.5	<0.2		
7.85	9.00	1.15	**1068003**	3.44	0.115	1.3	66.4	146.7	421	1.8	3.7	7.1	999	3.86	140.5	107.6	12.9	30	4.4	4.7	3.7	30	0.23	0.043	21	5	0.2	102	<0.001	1	0.64	0.008	0.23	0.1	0.04	3.3	0.2	0.2	2	0.6	<0.2		
9.00	11.00	2.00	**1068004**	4.56	0.006	1	10.2	25.1	321	0.2	4.1	7.1	805	2.71	18.8	10.1	12.3	28	2.6	0.7	0.5	46	0.92	0.045	16	8	0.66	69	0.012	<1	1.12	0.043	0.16	<0.1	<0.01	4.4	0.1	0.17	4	<0.5	<0.2		
11.00	13.00	2.00	**1068005**	6.18	<0.005	0.5	10.6	25.7	136	0.2	4	6.6	604	2.55	13.7	3.3	11.4	31	1	0.7	0.4	48	0.77	0.044	13	8	0.75	88	0.019	<1	1.19	0.053	0.14	0.2	<0.01	3.7	<0.1	0.16	4	<0.5	<0.2		
13.00	15.00	2.00	**1068006**	5.73	0.073	0.8	9.4	57.5	105	0.3	4.5	11.9	831	3.49	46.4	94.1	12.5	40	0.8	1	0.6	42	1.1	0.048	14	8	0.72	93	0.01	2	1.14	0.035	0.2	0.1	<0.01	3.8	0.1	0.93	4	0.5	<0.2		
15.00	15.70	0.70	**1068007**	1.79	<0.005	0.3	2.2	9	87	<0.1	5	13.4	1394	2.82	5.3	5.1	13.4	35	1.2	0.8	0.2	57	0.87	0.048	31	9	0.89	311	0.043	<1	1.27	0.047	0.13	<0.1	<0.01	4	0.1	0.07	5	<0.5	<0.2		
15.70	17.70	2.00	**1068008**	3.48	0.023	0.5	15.7	61.9	155	0.4	3.1	5.7	384	2.91	43.8	15.1	11.9	56	0.8	1.5	0.7	35	0.24	0.046	21	6	0.52	86	<0.001	<1	1.13	0.006	0.17	0.3	0.06	3	0.2	0.16	4	<0.5	<0.2		
17.70	19.70	2.00	**1068009**	4.36	0.028	1.4	15.3	109.8	184	0.5	3.3	8.7	536	4.09	96.9	29.9	15.2	31	1	2.1	1.4	30	0.08	0.051	21	4	0.04	181	<0.001	<1	0.58	0.004	0.17	0.1	0.16	4.2	0.1	0.14	1	0.5	<0.2		
		STANDARD PM436	**1068010**	0.07	0.358	9.6	136.9	7.4	51	0.2	26.7	35.4	506	3.29	1308.5	329.7	3	76	0.2	2.1	4	76	1.34	0.052	7	46	0.77	122	0.118	2	1.66	0.187	0.26	0.4	<0.01	2.5	<0.1	0.12	5	2.2	0.7		
19.70	21.70	2.00	**1068011**	4.06	0.034	0.9	30.5	74.2	288	0.4	5.5	16.6	828	4	48.2	13.6	13.4	15	1.9	1.1	1	24	0.1	0.051	22	5	0.08	106	<0.001	<1	0.91	0.003	0.17	0.1	0.12	3.5	0.1	0.07	1	0.5	<0.2		
21.70	23.70	2.00	**1068012**	5.98	0.031	1	131.7	47.1	449	0.6	4.2	10	695	4.97	99.8	32.7	14.9	23	2.4	1.3	0.9	27	0.1	0.051	20	4	0.11	117	<0.001	<1	0.93	0.006	0.21	0.2	0.14	3.8	0.2	0.12	2	<0.5	<0.2		
23.70	25.70	2.00	**1068013**	4.27	0.105	3.3	79.7	317.7	268	1.7	2.9	2.4	217	4.65	635.1	118.5	11	76	3.3	10.5	2.9	10	0.12	0.034	14	4	0.04	136	<0.001	<1	0.37	0.017	0.39	0.4	0.1	1.5	0.4	0.53	<1	0.5	<0.2		
25.70	27.70	2.00	**1068014**	3.44	0.096	2	44.6	357	250	1.6	1.9	1.9	183	4.46	667.8	131.6	9.7	65	2.2	10.3	3.2	7	0.08	0.027	14	3	0.04	101	<0.001	2	0.31	0.015	0.34	0.3	0.11	1	0.3	0.42	<1	<0.5	<0.2		
27.70	29.70	2.00	**1068015**	5.86	0.02	1.9	50.2	80.6	471	0.4	3.9	7.5	660	4.53	187.1	32.1	15.4	39	3.1	3.1	1	26	0.11	0.052	22	6	0.2	82	0.001	<1	0.85	0.01	0.24	0.2	0.14	4.2	0.3	0.19	3	0.5	<0.2		
29.70	31.75	2.05	**1068016**	4.81	0.007	1.6	23.3	21.9	518	0.2	5.7	20.3	1582	3.73	78.5	11.9	14.4	13	6.8	1.5	0.6	40	0.21	0.071	22	6	0.35	218	0.002	<1	1.13	0.004	0.15	0.2	0.06	4.9	0.2	0.32	3	1	<0.2		
31.75	33.75	2.00	**1068017**	6.21	0.008	1.5	11.4	14.5	81	0.2	4.5	8.3	804	2.73	12.8	8.5	12.7	49	1	1.2	0.3	49	1.33	0.046	16	9	0.79	173	0.023	<1	0.98	0.056	0.16	0.2	<0.01	4.2	0.1	0.22	4	<0.5	<0.2		
33.75	35.75	2.00	**1068018**	6.64	0.006	1.5	7.2	16.5	68	0.2	3.8	9	606	2.91	11.2	11.4	11.7	40	0.6	0.6	0.4	49	0.99	0.048	13	8	0.82	128	0.018	1	1.18	0.059	0.17	<0.1	<0.01	4.3	<0.1	0.64	4	<0.5	<0.2		
		FIELD DUPLICATE	**1068019**	2.77	0.006	1.6	7.6	14.7	64	0.1	4.2	8.9	614	2.89	9.5	6.5	11.3	38	0.4	0.6	0.4	49	0.96	0.046	13	9	0.85	113	0.019	1	1.19	0.061	0.16	<0.1	<0.01	3.8	<0.1	0.63	4	0.6	<0.2		
35.75	37.45	1.70	**1068020**	4.86	0.064	5.4	22	55.5	154	0.4	4.1	8.9	1463	4.06	59.1	42.2	12.6	59	2.1	3.3	1	31	1.76	0.051	14	4	0.7	48	0.001	1	0.6	0.02	0.24	0.1	0.06	4	0.2	1.8	2	0.6	<0.2		
37.45	39.45	2.00	**1068021**	4.79	0.015	5.8	21.3	27.1	375	0.4	5.8	12.9	2450	4.08	66	9.5	13.9	27	3.9	3.6	0.7	41	0.71	0.057	30	7	0.29	59	<0.001	1	0.68	0.004	0.14	0.2	0.21	5.3	0.2	0.38	2	<0.5	<0.2		
39.45	41.46	2.01	**1068022**	7.38	0.014	3	9.9	25.4	175	0.1	4.3	10.2	1495	2.95	18.9	9.4	12.1	33	2.4	3	0.3	42	1.22	0.05	27	6	0.34	49	0.002	2	0.6	0.004	0.24	0.2	0.14	6.4	<0.1	0.24	2	0.7	<0.2		
41.46	42.50	1.04	**1068023**	2.96	0.059	4.6	29.2	147.7	314	0.7	5.1	8.9	1128	5.07	56.8	51.8	8.8	55	3.6	4.6	1.7	18	1.73	0.043	11	4	0.71	54	<0.001	2	0.42	0.005	0.29	0.1	0.12	2.9	0.3	2.69	1	0.7	<0.2		
		BLANK	**1068024**	0.86	<0.005	<0.1	1	1.1	13	<0.1	1	0.7	199	0.43	0.6	<0.5	0.2	50	<0.1	<0.1	<0.1	<2	21.5	0.015	<1	<1	11.64	20	<0.001	<1	0.03	0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
42.50	43.55	1.05	**1068025**	2.41	0.058	5	23.9	94.8	355	0.6	5.3	12.5	1543	4.02	101.4	48.9	11.1	50	4.5	2.5	1.3	25	1.49	0.045	14	5	0.51	53	<0.001	1	0.38	0.005	0.2	0.1	0.04	4	0.2	1.36	1	0.6	<0.2		
43.55	45.00	1.45	**1068026**	4.67	0.011	3	20.9	15.2	91	0.2	5.4	9	661	3.08	12.6	13.3	11.5	46	0.7	0.6	0.4	57	1.36	0.054	15	12	0.92	74	0.024	<1	1.26	0.049	0.15	0.1	<0.01	4.8	<0.1	0.33	5	<0.5	<0.2		
45.00	45.80	0.80	**1068027**	2.51	<0.005	2.1	11.1	14.4	58	0.1	4.3	8.1	548	2.79	8.5	2	11.6	41	0.3	0.5	0.2	61	1.19	0.05	13	9	0.88	109	0.056	<1	1.12	0.058	0.15	<0.1	<0.01	3.8	<0.1	0.26	4	0.6	<0.2		
45.80	47.30	1.50	**1068028**	4.24	0.006	2.5	15.4	11.7	98	0.1	5.4	13	1377	3.11	14.9	9	12.4	40	0.6	0.9	0.3	45	1.16	0.052	19	9	0.78	132	0.004	<1	1.23	0.017	0.14	<0.1	0.02	4	0.1	0.75	4	<0.5	<0.2		
47.30	48.40	1.10	**1068029**	1.59	<0.005	2.2	16.6	30.6	97	0.1	5	9.1	634	2.96	8.5	3.3	11.9	31	0.7	1	0.4	49	1.05	0.051	17	9	0.88	43	0.005	<1	1.33	0.012	0.11	<0.1	0.21	4.5	<0.1	0.52	5	0.5	<0.2		
48.40	49.25	0.85	**1068030**	3.06	<0.005	2.1	7.8	5.1	37	<0.1	4.3	6.7	417	2.57	4.5	<0.5	10.8	41	0.1	0.6	0.2	58	1.15	0.049	13	9	0.79	67	0.062	<1	1.09	0.071	0.13	<0.1	<0.01	4.4	<0.1	0.24	4	<0.5	<0.2		
49.25	50.75	1.50	**1068031**	4.33	0.034	3.2	24	105.1	492	0.6	5.1	9.8	1508	3.86	70.8	35.6	11.7	36	6	2.1	1	28	1.21	0.049	16	7	0.62	63	<0.001	1	0.73	0.004	0.21	0.1	0.09	3.5	0.2	1.35	2	0.8	<0.2		
50.75	51.45	0.70	**1068032**	2.1	0.005	3.1	21.9	57.7	165	0.4	4.4	8	1338	3.07	24.9	5.1	13.8	69	1.7	4	0.6	32	2	0.053	19	5	0.45	54	<0.001	<1	0.58	0.011	0.19	0.1	0.08	5.1	0.2	0.67	2	0.9	<0.2		
		STANDARD PM1129	**1068033**	0.15	3.168	181.5	2149.3	72.6	84	30.7	32.3	22.8	591	4.3	43	3201	1.8	101	0.3	70	1.6	52	1.06	0.062	6	16	0.88	46	0.1	<1	1.43	0.094	0.18	0.2	9.79	1.6	0.1	1.69	4	1.3	18.2	0.246
51.45	52.95	1.50	**1068034**	4.83	0.02	2.8	9.7	30.4	83	0.2	4.9	9	769	3.15	20.1	18.2	12	49	0.8	1.6	0.7	39	1.42	0.048	17	9	0.65	53	0.002	1	0.83	0.022	0.16	0.2	0.05	4.1	0.2	1.17	3	<0.5	<0.2		
52.95	54.50	1.55	**1068035**	5.03	0.008	2.3	5.4	6.5	51	<0.1	4.2	7	521	2.4	6.2	5	11	58	0.2	0.7	0.3	47	1.44	0.047	14	7	0.91	159	0.006	1	1.13	0.057	0.13	<0.1	<0.01	4	0.1	0.31	4	<0.5	<0.2		
54.50	56.25	1.75	**1068036**	5.27	<0.005	1.8	8.7	9.8	48	0.1	4.6	7.5	502	2.6	5.4	3.9	11.6	46	0.2	1.9	0.3	53	1.17	0.049	15	11	0.76	225	0.034	1	0.95	0.057	0.13	0.1	<0.01	3.8	0.1	0.34	4	<0.5	<0.2		
56.25	57.75	1.50	**1068037**	4.97	0.007	2.2	17	10.5	74	0.1	4.2	10.5	687	2.42	9.9	13.3	12.7	46	0.4	1.7	0.5	37	1.02	0.05	20	6	0.71	232	0.002	1	1.01	0.017	0.14	0.1	0.06	3.7	0.1	0.42	3	<0.5	<0.2		
57.75	59.25	1.50	**1068038**	4.04	0.01	1.9	26.9	18.2	92	0.2	5.1	12.9	720	2.87	9.8	8	12.7	60	0.7	3	0.6	41	1.61	0.053	18	10	0.67	91	0.001	1	0.95	0.03	0.16	<0.1	0.03	4.9	0.2	0.88	3	<0.5	<0.2		
59.25	60.15	0.90	**1068039**	3.39	0.013	1.4	34.7	28.7	92	0.3	4.3	11.4	1217	2.51	20.8	6.7	13.5	60	0.6	7.2	0.6	23	1.93	0.046	18	3	0.61	55	<0.001	2	0.56	0.02	0.22	0.1	0.09	3.3	0.3	1.05	1	<0.5	<0.2		
60.15	61.80	1.65	**1068040**	4.35	0.08	2	36.2	53.1	148	0.6	5.2	13.6	2154	4.26	185	77.2	12.3	62	2.3	6.8	0.9	15	2.16	0.051	9	5	0.73	46	<0.001	2	0.4	0.006	0.25	0.8	0.09	2.6	0.3	3.11	1	<0.5	<0.2		
61.80	62.80	1.00	**1068041**	3.63	0.035	0.5	11.5	16.8	83	0.2	4.2	8.7	897	3.05	53.8	32.3	10.6	51	0.4	1.2	0.6	43	1.37	0.04	11	7	0.79	46	0.002	<1	1.11	0.02	0.2	0.1	0.02	3.4	0.2	0.8	4	<0.5	<0.2		
		FIELD DUPLICATE	**1068042**	1.78	0.032	0.6	10.1	17.7	76	0.2	4.3	9.8	864	3.03	63.9	24	10.6	54	0.4	1.4	0.5	42	1.45	0.043	12	9	0.81	46	0.002	2	1.1	0.02	0.2	0.1	<0.01	3.3	0.2	0.83	4	<0.5	<0.2		
62.80	64.20	1.40	**1068043**	4.1	0.075	1.4	17.8	65.8	322	0.5	3.8	7.1	1216	3.82	122.2	104.2	11.3	39	3.4	3.6	1	23	1.42	0.038	12	3	0.64	46	<0.001	1	0.68	0.007	0.27	0.4	0.05	2.6	0.3	2.02	2	<0.5	<0.2		
64.20	66.15	1.95	**1068044**	3.97	0.027	0.7	51.4	93	426	0.8	4.6	20.4	2582	4.7	21	29.2	13.2	94	3.7	4.5	1.5	41	2.52	0.053	15	7	0.94	29	0.009	<1	1.27	0.025	0.23	0.7	0.03	3.6	0.3	2.18	4	<0.5	<0.2		
66.15	67.65	1.50	**1068045**	4.38	0.064	0.8	16.5	18.7	79	0.2	4.4	9.9	665	2.82	11.7	29.9	14.2	52	0.4	1.5	0.6	41	1.55	0.045	16	7	0.9	96	0.003	<1	1.19	0.048	0.16	0.2	<0.01	3.5	0.2	1.13	4	<0.5	<0.2		
67.65	69.40	1.75	**1068046**	2.48	0.074	0.6	10.3	128.9	189	0.3	4.3	6.4	520	2.75	23.4	78.8	15.8	56	1.5	0.8	0.7	52	1.34	0.045	16	13	0.9	163	0.019	1	1.16	0.055	0.16	0.1	<0.01	4	0.1	0.72	5	<0.5	<0.2		
69.40	70.95	1.55	**1068047**	5.33	0.019	0.8	32.2	425	441	0.9	5.2	19.8	776	4.91	15.8	24.4	14	49	3.1	3.2	1.7	41	1.74	0.057	23	6	0.83	30	0.001	<1	1.36	0.005	0.16	1	0.09	3.9	0.2	3.62	4	0.5	<0.2		
70.95	72.50	1.55	**1068048**	4.78	0.773	0.4	18.5	92.6	78	0.6	3.7	8.9	954	3.07	125	784.5	12.3	66	0.6	3.9	1.7	16	2.14	0.043	11	7	0.68	48	<0.001	1	0.46	0.012	0.22	0.2	0.05	2.4	0.3	1.93	1	<0.5	<0.2		
72.50	74.00	1.50	**1068049**	3.64	0.798	0.6	156.2	57.4	71	1	4.2	9.1	648	3.08	132.7	719.1	15.8	46	0.6	11.8	2.2	32	1.61	0.047	15	5	0.68	44	0.002	1	0.96	0.008	0.19	0.1	0.14	3.4	0.2	1.56	2	<0.5	<0.2		
74.00	75.50	1.50	**1068050**	4.9	0.19	1.2	14.3	129.9	109	0.5	5.7	12.5	818	3.12	25.9	229.4	10.8	59	0.9	3.3	1.3	13	1.91	0.042	10	6	0.55	27	<0.001	<1	0.43	0.012	0.2	0.2	0.06	2.4	0.2	2.38	<1	0.9	<0.2		
75.50	76.50	1.00	**1068051**	2.13	0.01	0.6	8.4	74.8	63	0.5	4.4	11.9	606	3.22	10.2	24	12.9	61	0.3	1.5	1.1	34	1.67	0.044	19	6	0.85	53	0.002	<1	0.99	0.019	0.15	0.3	0.05	3.2	0.2	2.14	3	<0.5	<0.2		
76.50	78.00	1.50	**1068052**	4.51	0.006	0.3	8.7	22.1	52	0.1	4.6	8.5	529	2.88	6.8	16.3	11.5	318	0.2	0.6	0.7	46	1.4	0.044	14	12	0.95	64	0.018	<1	1.02	0.048	0.17	0.2	<0.01	4	0.1	1.36	4	<0.5	<0.2		
		BLANK	**1068053**	0.92	<0.005	<0.1	12.5	1.1	11	<0.1	2	1.6	171	0.4	<0.5	3.2	0.1	34	<0.1	<0.1	<0.1	<2	16.72	0.014	<1	<1	11.32	13	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
78.00	79.50	1.50	**1068054**	4.32	0.218	0.3	12	124.2	150	0.6	4.1	8.8	748	3.86	53.2	224.4	11.4	82	1.4	0.7	1.9	42	1.93	0.045	14	7	0.92	46	0.004	<1	1.06	0.027	0.17	0.1	<0.01	3.4	0.1	2.58	4	<0.5	<0.2		
79.50	81.10	1.60	**1068055**	4.06	0.019	0.4	20.1	135.7	190	0.6	3.9	8.5	618	3.29	21.2	24.8	11.9	65	1.8	0.9	1.6	39	1.78	0.051	14	10	0.94	47	0.002	<1	1.12	0.032	0.16	0.2	0.01	3.1	0.1	2.07	4	<0.5	<0.2		
81.10	82.65	1.55	**1068056**	5.46	0.015	0.8	18.4	52.3	99	0.4	3.8	7.8	655	2.86	18.4	20.7	11.9	75	0.9	0.6	1.2	37	1.97	0.046	15	6	0.89	72	0.002	<1	1.04	0.033	0.18	0.1	<0.01	3.4	0.2	1.66	4	<0.5	<0.2		
82.65	84.15	1.50	**1068057**	3.86	0.039	1.3	31.7	82.6	130	0.7	4.6	14.3	781	3.92	37.1	46.3	10.4	86	1.3	2	1.9	34	2.56	0.047	10	7	0.87	44	<0.001	2	0.76	0.027	0.19	<0.1	0.03	3.1	0.2	3.02	2	0.6	<0.2		
84.15	85.70	1.55	**1068058**	3.62	0.03	0.5	22.8	42.3	83	0.4	4.1	11.4	603	3.13	12.8	20.6	12.8	61	0.6	0.9	1.2	43	1.71	0.045	13	5	0.84	60	0.004	1	0.87	0.04	0.16	0.1	<0.01	3.6	0.1	1.81	3	0.7	<0.2		
85.70	87.20	1.50	**1068059**	2.5	0.011	0.8	32.8	36	92	0.4	4.2	7.5	653	2.84	21.6	17.9	11	71	0.7	0.5	1.6	39	1.9	0.045	13	9	0.87	68	0.002	<1	0.95	0.031	0.18	<0.1	<0.01	3.3	0.1	1.5	3	<0.5	<0.2		
87.20	89.10	1.90	**1068060**	5.79	0.01	1	49.6	66	187	0.6	5.2	14.6	1050	3.46	15.3	12.1	12.4	66	1.6	1.5	1.9	41	1.89	0.048	13	6	0.83	51	0.001	1	1	0.031	0.19	0.1	0.01	3.8	0.2	1.97	3	<0.5	<0.2		
89.10	90.60	1.50	**1068061**	4.29	0.029	3	57.6	68.4	207	1.2	5.8	25.3	1697	5.69	64.7	35.3	10.8	116	4.4	4.9	4.3	17	2.57	0.044	10	5	0.93	17	<0.001	1	0.47	0.008	0.2	0.7	0.07	2.4	0.3	4.81	<1	0.7	0.3		
		STANDARD PM436	**1068062**	0.13	0.418	10.1	140.9	8	54	0.2	27	35	497	3.23	1393.9	392	3.2	68	0.3	2.3	4.8	84	1.3	0.055	7	46	0.81	132	0.115	3	1.64	0.176	0.28	0.4	<0.01	2.4	<0.1	0.14	5	1.8	0.7		
90.60	92.10	1.50	**1068063**	4.77	0.017	0.6	88.9	81.2	292	0.8	4.2	10.9	1140	3.03	32.3	20.1	11.5	68	3.1	18.1	2.1	21	2.03	0.045	14	3	0.74	54	<0.001	<1	0.53	0.007	0.19	0.1	0.05	3.7	0.2	1.58	1	<0.5	<0.2		
92.10	93.60	1.50	**1068064**	5.4	0.025	0.5	38.8	77	175	0.6	4.2	10.9	1540	2.86	92.8	22.5	9	78	1.7	8.2	1.6	16	2.54	0.046	10	4	0.84	66	<0.001	<1	0.33	0.005	0.21	0.2	0.03	3.8	0.2	1.71	<1	<0.5	<0.2		
93.60	95.10	1.50	**1068065**	4.1	0.031	0.6	36.5	82.1	136	1	4.5	9.7	1793	4.22	55.7	24	9.2	90	1.2	7.9	3.5	21	2.74	0.047	8	5	0.96	55	<0.001	1	0.33	0.004	0.21	0.6	0.03	3.9	0.2	2.67	<1	<0.5	<0.2		
95.10	96.60	1.50	**1068066**	3.7	0.031	1.3	48	90.1	185	1	4	9.3	1885	3.34	73.4	38.5	9	80	2	11.3	3.2	16	2.63	0.046	8	5	0.87	60	<0.001


6888400 N
6888350 N
384900 E
6888300 N
6888250 N
384950 E
6888200 N
1350 RL
1300 RL
1250 RL
1200 RL
1150 RL
1100 RL
1050 RL
1000 RL
156°
ET-11-02, 03
ET-11-01
Dip: -46
EOH:126.83m
Legend
1:1,500
ET-11-01, 02, 03 Collar Location
Topography
DDH Samples Au ppb
Alteration Assemblage
Code
2A - Strong Limonite Alteration
3A - Phylic Alteration
5A - Propolytic Alteration
Lithologic Units
Rock Code
Gd - Granodiorite
Great Bear Resources
Etzel Property
Drill Hole ET-11-01
156° North East-Facing Cross Section
November, 2011
NAD83Z8N
NTS 115I/03
Coast Mountain Geological Ltd.

Etzel Project
DDH ET-11-02
Drill Log Summary

Hole Id: **ET-11-02**

Property: **Etzel**
Area:
Client: **Great Bear Resources**

Logged By: **Chris Amy**
Date Logged: **Sept/18/2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83		
Easting:	384903	Azimuth:	230
Northing:	6888338	Dip:	44.5
Elevation:	1298	Length:	258.61

Proposed:

Easting:	384903	Azimuth:	230
Northing:	6888338	Dip:	45
Elevation:	1298	Length:	275

Survey Type: **Ranger Single Shot**

Distance	Azi	Dip	Accept
17.68	230.6	-44.5	yes
54.27	230.2	-44.2	yes
81.71	230.6	-43.9	yes
164.02	229.7	-43.2	yes
200.61	224.1	-42.4	yes
237.20	226.6	-41.0	yes

Drilling Information:

Contractor:	**Strike Drilling**
Core Diameter:	**HQ**
Start Date:	**Sept/13/2011**
End Date:	**Sept/17/2011**
Casing In:	**NO**
Casing Capped:	**NA**
Units:	**Imperial**

Hole Objective: Test the downward extent of gold values recovered from historic trenching.

Lithology Summary

From	To	Lith	Comment
0.00	**4.15**	**10**	**Overburden**
4.15	**258.61**	**1**	**Granodiorite**
154.80	**158.40**	**7**	**Quartz Latite**
158.40	**258.61**	**1**	**Granodiorite**

Hole Summary: The hole stayed within granodiorite through out its entire extent with the exception of a Quartz Latite dyke from 154.80-158.40m. Relatively unaltered granodiorite is grey green, medium to coarse grained, with 30% quartz, and 10% faint pink potassium feldspar. Three major alteration assemblages were recorded. Strong pervasive limonite oxidation found through out the upper 35.85m of the hole, and then alternating 1-40m wide zones of Propylitic alteration: with moderate disseminated chlorite alteration, weak disseminated epidote, areas with weak disseminated magnetite, and 0.1-1% disseminated pyrite, and Phylic alteration: with pervasive pale grey green sericite alteration, and 0.1-2% disseminated, blebby, and fracture filling pyrite. Zones of brecciated granodiorite from 152.25-154.80m, and 158.40-159.30m around the quartz latite dyke. Breccia contains 5-10% disseminated, blebby, and cm wide patches of pyrite within the matrix. Highest mineralization concentrations are associated with zones of phylic alteration. Sphalerite and chalcopyrite mineralization found along silica, calcite veinlets at 102.30m, 114.35m, and 252.40m.

Etzel Project
DDH ET-11-02
RQD and Recovery

Hole Id: **ET-11-02**
Recorded by: **MZ**

Note: RQD (Rock Quality Designation) based on: total length of core ≥ twice the core diameter (10 cm for NQ2 core size; RQD Recovery) within an interval

From	To	Recovered	RQD Recovery	Recovery	RQD
1.05	1.83	0.70	0.12	90%	15%
1.83	4.88	2.80	0.00	92%	0%
4.88	7.92	3.00	1.20	99%	39%
7.92	10.36	2.40	0.60	98%	25%
10.36	13.41	2.80	1.03	92%	34%
13.41	16.64	3.08	0.00	95%	0%
16.64	19.51	2.80	0.00	98%	0%
19.51	21.82	2.14	0.58	93%	25%
21.82	25.00	3.10	1.15	97%	36%
25.00	28.04	2.70	0.40	89%	13%
28.04	29.26	1.20	0.27	98%	22%
29.26	32.31	3.00	1.25	98%	41%
32.31	35.36	2.99	2.75	98%	90%
35.36	37.79	2.40	0.35	99%	14%
37.79	40.84	3.01	1.86	99%	61%
40.84	43.89	2.90	0.20	95%	7%
43.89	46.63	2.70	0.69	99%	25%
46.63	49.68	3.02	1.10	99%	36%
49.68	52.73	3.04	1.20	100%	39%
52.73	55.78	3.03	1.20	99%	39%
55.78	59.01	3.20	0.34	99%	11%
59.01	62.18	3.10	0.93	98%	29%
62.18	65.10	2.90	1.94	99%	66%
65.10	68.27	3.10	1.73	98%	55%
68.27	68.88	0.57	0.00	93%	0%
68.88	71.93	3.00	0.66	98%	22%
71.93	74.52	2.18	0.67	84%	26%
74.52	76.05	1.50	1.04	98%	68%
76.05	78.02	1.86	1.14	94%	58%
78.02	81.08	3.06	2.00	100%	65%
81.08	84.12	2.70	1.50	89%	49%
84.12	87.17	2.99	2.60	98%	85%
87.17	90.22	2.29	0.51	75%	17%
90.22	93.27	2.89	1.06	95%	35%
93.27	96.32	3.05	1.18	100%	39%
96.32	99.36	2.90	1.32	95%	43%
99.36	102.41	2.52	0.38	83%	12%
102.41	105.46	2.60	0.66	85%	22%
105.46	108.51	2.06	0.19	68%	6%
108.51	111.13	2.60	1.50	99%	57%
111.13	113.87	2.70	1.77	99%	65%
113.87	117.04	2.90	2.14	91%	68%
117.04	120.09	2.58	0.63	85%	21%
120.09	123.32	2.80	0.53	87%	16%
123.32	126.37	2.60	0.12	85%	4%
126.37	129.54	2.78	0.12	88%	4%
129.54	132.59	2.65	0.00	87%	0%
132.59	135.02	1.78	0.00	73%	0%
135.02	137.16	1.75	0.32	82%	15%
137.16	140.21	2.65	1.36	87%	45%
140.21	143.26	3.00	1.74	98%	57%
143.26	145.08	1.77	1.50	97%	82%
145.08	148.13	2.94	1.90	96%	62%
148.13	151.18	2.68	0.48	88%	16%
151.18	154.23	2.96	2.10	97%	69%
154.23	157.28	2.96	0.80	97%	26%
157.28	160.32	2.60	1.15	86%	38%
160.32	163.37	3.05	1.07	100%	35%
163.37	166.42	3.00	0.83	98%	27%
166.42	169.47	3.00	1.95	98%	64%
169.47	172.21	2.10	0.69	77%	25%

Etzel Project
DDH ET-11-02
RQD and Recovery

From	To	Recovered	RQD Recovery	Recovery	RQD
172.21	175.41	2.84	2.10	89%	66%
175.41	178.61	2.88	1.42	90%	44%
178.61	181.66	2.90	2.58	95%	85%
181.66	184.71	2.93	2.20	96%	72%
184.71	187.45	2.32	0.80	85%	29%
187.45	189.58	2.57	2.20	121%	103%
189.58	192.63	2.68	1.55	88%	51%
192.63	195.68	2.76	1.73	90%	57%
195.68	198.91	2.83	1.85	88%	57%
198.91	201.96	2.77	1.15	91%	38%
201.96	204.82	2.85	2.10	100%	73%
204.82	206.04	1.20	1.20	98%	98%
206.04	209.09	2.92	1.50	96%	49%
209.09	212.14	2.94	2.30	96%	75%
212.14	215.19	2.90	2.26	95%	74%
215.19	218.23	3.00	1.56	99%	51%
218.23	221.28	3.00	1.78	98%	58%
221.28	224.33	3.05	2.42	100%	79%
224.33	227.38	2.89	2.34	95%	77%
227.38	230.42	3.00	2.50	99%	82%
230.42	233.48	2.84	1.60	93%	52%
233.48	236.52	3.01	1.83	99%	60%
236.52	239.27	2.70	2.08	98%	76%
239.27	242.62	2.90	2.02	87%	60%
242.62	245.67	2.08	0.54	68%	18%
245.67	248.59	2.30	0.51	79%	17%
248.59	251.76	3.07	1.28	97%	40%
251.76	254.81	2.92	1.23	96%	40%
254.81	257.86	2.60	1.26	85%	41%
257.86	258.61	0.70	0.00	93%	0%
	EOH				

Etzel Project
DDH ET-11-02
Detailed Description

Primary Intervals		Secondary Intervals		Lith	Lithology	Description
From	To	From	To	Code		
1.05	4.15			10	Overburdon	Orange, limonite oxidized, clay, sand, and cm sized rock fragments.
4.15	13.30			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ str lim alt along fracs at 40-50^{o} tca. Xtl boundaries are blurred. Resembles propolytic alt. Areas w/ 0.1-1% diss magnetite. Lower 50cm grades into str-intense lim ox. Lower alt contact at 25^{o} tca. (Hand Sample 11.45-11.65m)
		8.40	9.15			Zone of intense lim ox and clay alt. Qtz phenos are all that remain of original texture. Contacts at ~30o tca.
13.30	35.85			2		Orange tan, perv str lim and clay alt granodiorite. Limonite has altered matrix, and stained flds orange. Some areas w/ dark manganese ox along fracs. Qtz phenos remain un-effected. Core is very broken up w/ few 20cm zones of sand and rubble. Sharp upper and lower contacts at 25^{o} tca. (Hand Sample 23.35-23.45m)
		13.30	16.90			Matrix is completely clay altered (stained orange by lim) and only qtz phenos remain. Core is very soft. (Hand Sample 14.25-14.40m)
		19.50	25.80			Four 50-100cm wide zones of propolytic alt w/ wk lim alt. Faded contacts along fractures at 40-50^{o} tca.
			28.60			1-2cm wide grey si band 45^{o} tca.
			29.25			Orange yellow/1 oxide along a fracture surface
		32.00	32.10			Dark grey band of si, ser w/ 20% diss py at 50^{o} tca. Zone is little affected by surrounding lim alt. Py is concentrated in a 1cm band along the base of the zone.
35.85	45.55			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite. Xtl boundaries are blurred. Resembles propalytic alt. From 35.85-38.60m and 42.40-44.00m core is very broken up, w/ 10-20cm zones of sand and rock fragments. Grades into str ser alt GD below. (Hand Sample 40.25-40.35m)
45.55	58.70			3	Granodiorite	Grey and orange, str perv pale grey/green ser and clay alt of matrix and flds. Mod diss green chl alt. Wk lim alt along fracs at 25-60^{o} tca from 45.55-48.50m, core is very broken up and rubbly. Qtz phenos remain. Tr diss unknown soft pink mineral. Becoming more phylicly altered. (Hand Sample 52.40-52.55m) NOTE: BOX 18, 50.58-52.23m, Dropped after logging/before cutting, pieced back together.
		49.70	50.80			Zone of grey str si>ser flooding w/ 2% diss py. Contains 2 si, cal, py bands. At 49.95m, at 30^{o} tca, 5cm wide si>cal band w/ blebby/diss py and tr diss cpy. At 50.40m, at 35^{o} tca, 5cm wide si>cal band w/ blebby and diss py. Band is rimmed in charcoal black manganese ox? Zone has sharp contacts at 40^{o} tca. (Hand Sample 49.90-50.15m)
		52.85	53.90			Zone of propolytic alt
		55.00	58.70			Core is very broken up and more strongly clay altered.
58.70	65.40			5	Granodiorite	Grey green, m-cg, wk to no diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ 1% mm biotite xlts. Sharp xtl boundaries. Seams relatively unaltered, areas resemble propalytic alt. Contains 5% cm rounded dark green fg clasts. Gradational upper contact and sharp lower contact at 40^{o} tca. (Hand Sample 63.95-64.10m)
65.40	74.95			3	Granodiorite	Grey and pale green, str perv pale grey/green ser and clay alt of matrix and flds. Contains 0.1-1% diss and irreg frac filling py. Qtz phenos remain. Resembles phylic alt. Sharp alt contacts at 40^{o} tca. (Hand Sample 69.00-69.10m)
			66.75			2 si, py stringers at 20-30^{o} tca.
		70.00	74.00			Core is very broken up, str clay altered, and in areas resembles fault gouge w/ rounded cm rock fragments. Possable fault angles of 40-60^{o} tca.
74.95	98.30			5	Granodiorite	Grey green, m-cg, wk to no diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ 1% mm biotite xlts. Xtl boundaries are blured. Resemble propalytic alt. Contains 5% cm rounded dark green fg clasts. Tr diss py and stringer py at 15^{o} and 80^{o} tca. (Hand Sample 85.50-85.65m)
			84.75			30cm wide zone of str ser alt w/ v-fine diss py stringer at center at 30^{o} tca. Gradational contacts.

Etzel Project
DDH ET-11-02
Detailed Description

Primary Intervals		Secondary Intervals		Lith Code	Lithology	Description
From	To	From	To			
		87.17	88.50			Fault zone at ~20° tca w/ coherent fault gouge composed of clay, and cm rounded rock fragments.
98.30	135.35			3	Granodiorite	Grey and pale green, str perv pale grey/green ser and clay alt of matrix and flds. Contains 0.1-2% diss and irreg frac filling py. Qtz phenos remain. Resembles phylic alt. Sharp alt contacts at ~40° tca. (Hand Sample 116.45-116.60m)
		98.95	101.45			Zone of very strong pervasive clay alt. Possible fault zone at ~20° tca? Looks more like decomposed granodiorite. At 99.75m 15cm wide area of 40% disseminated and cubic py within clay alt.
			102.30			veinlet of si, cal, py, sph, galena? At 25° tca, 2cm wide. Offset 10cm along a micro fault at 20° tca, almost perpendicular to the plane of the veinlet.
		105.70	108.35			Zone of very strong pervasive clay alt. Possible fault zone at ~20° tca? Looks more like decomposed granodiorite, but are areas w/ rounded rock fragments within the clay.
			112.45			3cm wide band of si, cal << diss/blebby py at 25° tca.
			114.35			1cm wide cream coloured si, cal veinlet at 10-20° tca w/ diss and blebby py and dark grey/black sph around it.
		116.70	135.35			Zone of very broken up core. Str-intense perv ser and clay alteration. Core is very soft in areas. Zones of soft clay alt core have contacts at ~20-50° tca.
			131.80			2-3cm wide band of dark grey manganese oxide? at 10° tca within zone of very soft core.
135.35	138.35			5	Granodiorite	Grey green, m-cg, wk to no diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ tr mm biotite xlts. Xtl boundaries are blured. Resembles propylitic alt. Tr diss py and stringer py at 35° tca. Upper 1.30m are very broken up. (Hand Sample 137.20-137.35m)
138.35	140.65			3	Granodiorite	Grey and pale green, str perv pale grey/green ser and clay alt of matrix and flds. Contains 0.1-1% diss and irreg frac filling py. Qtz phenos remain. Resembles phylic alt. Sharp upper alt contact at ~45° tca, gradational lower alt contact.
			138.80			20cm wide fault zone at 30° tca w/ coherent and lose clay and rock fragments.
			139.45			Pyrite stringer at 30° tca.
140.65	144.00			5	Granodiorite	Grey green, m-cg, wk to no diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ tr mm biotite xlts. Xtl boundaries are blured. Resembles propylitic alt. Tr diss py. Irreg lower alt contact at ~30° tca.
144.00	152.25			3	Granodiorite	Grey and pale green, str perv pale grey/green ser and clay alt of matrix and flds. Contains 1-2% diss, stringer, and irreg frac filling py. Qtz phenos remain. Resembles phylic alt. Sharp lower contact at 15° tca. (Hand Sample 148.00-148.10m)
			145.50			Py stringer at 20° tca.
			150.95			Si, py band 2cm wide at 25° tca.
152.25	154.80			6	Breccia	Breccia composed of mm-cm sized, sub-angular, silicified and wk ser alt clasts, in a dark grey black matrix. Some areas where matrix is v-wk clay alt. Contains 5-10% diss, blebby, and cm wide patches of py. Trace dark black brown sphalerite? and silvery mineral, possible arsenopyrite. (Hand Sample 152.50-152.70m)
			153.75			25cm wide quartz latite w/ irreg contacts.
154.80	158.40			7	Quartz Latite	Tan, quartz latite w/ mod ser? alt aphanitic ground mass, 5% mm grey qtz eyes, and possible ser alt flds. Contains 0.1% diss py. Upper and lower contacts at 0-15° and 20° tca respectively.
158.40	159.30			6	Breccia	Breccia composed of mm-cm sized, sub-angular, silicified and wk ser alt clasts, in a dark grey black matrix. Some areas where matrix is v-wk clay alt. Contains 5-10% diss, blebby, and cm wide patches of py. Sharp upper and lower contacts at 20° and 10° tca respectively.
			158.90			30cm wide quartz latite w/ sharp contacts at 20° and 40° tca respectively.

Etzel Project
DDH ET-11-02
Detailed Description

Primary Intervals		Secondary Intervals		Lith	Lithology	Description
From	To	From	To	Code		
159.30	172.45			3	Granodiorite	Grey and pale green, str perv pale grey/green ser and clay alt of matrix and flds. Contains 1-2% diss, stringer, and irreg frac filling py. Qtz phenos remain. Resembles phylic alt. Gradational lower contact in broken up core.
		161.70	167.25			Zone of mod perv silicification w/ 2-5% diss, blebby, and stringer py at 25° tca. (Hand Sample 165.35-165.55m)
			167.05			Grey qtz veinlet 40° tca 1cm wide w/ 1% diss py.
			170.20			20cm wide fault zone at 25° tca w/ coherent and lose clay and rock fragments.
		170.60	172.45			Fault zone w/ coherent gouge composed of clay and rock fragments. Short zones of broken up core. Upper contact at ~40o tca, lower contact at 30° tca.
172.45	180.95			5	Granodiorite	Grey green, m-cg, wk to no diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ tr mm biotite xlts. Xtl boundaries are blured. Resembles propylitic alt. Tr diss py. (Hand Sample 177.25-177.40m)
			176.90			Zone of dark green, fg, mod sil, str chl alt w/ fine diss magnetite. Contains faded grey qtz phenos, looks like Altered GD. Sharp contacts at 75° tca.
			179.35			40cm wide zone of mod-str ser alt w/ gradational contacts at ~50° tca.
180.95	183.15			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds. Patchy silicification, and silica bands w/ py. Contains 5-10% diss, stringer, and irreg frac filling py and tr cpy. Qtz phenos remain. Resembles phylic alt. Moderately sharp alt contacts at 20° tca. (Hand Sample 181.65-181.85m)
			181.65			1cm wide qtz vein at 20° tca w/ 5% diss, blebby py.
183.95	187.65			5	Granodiorite	Grey green, m-cg, wk to no diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ tr mm biotite xlts. Xtl boundaries are blured. Resembles propylitic alt. Tr diss py.
187.65	192.90			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds. Patchy silicification, and silica bands w/ py. Contains 1-5% diss, stringer, and irreg frac filling py. Qtz phenos remain. Resembles phylic alt. Sharp upper and lower alt contacts at 25° and 40° tca respectively.
	190.50					30cm wide fault at 20° tca w/ coherent clay gouge.
192.90	223.85			5	Granodiorite	Grey green, f-mg, wk to no diss epi, and wk-mod diss chl alt, qtz, 2% faint pink Kspar, 10% white/grey flds, granodiorite? w/ tr mm biotite xlts. Areas of wk-mod silicification overprint texture and give an aphanitic appearence. Places where there are fg dark grey/black sub-rounded cm sized clasts. Resembles propylitic alt. 0.1-5% diss, stringer, frac filling py. Possibly another lith unit? Sharp lower contact at 50° tca. (Hand Sample 203.90-204.05m)
		204.55	205.60			Grey tan, str ser alt, f-cg, sharp alt contacts at 20° tca. Contains 10% diss, and banded py. 1-2cm wide qtz, cal vn at 205.10m, 25° tca, bounded by 1-2cm wide band of py and 1% blebby cpy. (Hand Sample 204.90-205.15m)
			209.40			1cm wide veinlet of rhodocrosite, epi, and py, at 25° tca.
			212.85			1cm wide, qtz, py veinlet at 20° tca
		221.60	222.00			Dark green black, fg, mafic dyke w/ 1% v-fine diss py and sharp contacts at 70° tca.
223.85	229.50			5	Granodiorite	Grey green, cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ tr mm biotite xlts. Xtl boundaries are blured. Resembles propylitic alt. 0.1-1% diss, stringer, irreg frac filling, py. Sharp contacts at 50° tca. (Hand Sample 229.00-229.15m)
229.50	233.50			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds. Contains 1-5% diss, stringer, and irreg frac filling py. Qtz phenos remain. Resembles phylic alt. Sharp upper and lower alt contacts at 50° and 20° tca respectively.
			231.55			30cm wide zone of very broken up core w/ 10% blebby py and 10% blebby cpy. Appears to be in the area of a brecciation? at ~30° tca. Core is too broken up to tell for sure. (Hand Sample 231.40-231.50m)

Etzel Project
DDH ET-11-02
Detailed Description

Primary Intervals		Secondary Intervals		Lith	Lithology	Description
From	To	From	To	Code		
233.50	242.95			5	Granodiorite	Grey green, cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ tr mm biotite xlts. Xtl boundaries are blured. Resembles propylitic alt. 0.1-1% diss, stringer, irreg frac filling, py. Sharp alt contacts at 20^{o} tca, lower contact is obscurred by stronhly broken core. At 236.40m, qtz, cal stringer at 20^{o} tca w/ 15cm bleached ser alt halo. (Hand Sample 240.45-240.55m)
242.95	244.00			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds. Contains 1-5% diss, stringer, and irreg frac filling py, and 1% blebby cpy. Qtz phenos remain. Resembles phylic alt. Core is very broken up. Sharp alt contacts at 20-30^{o} tca.
			243.80			3-4cm wide, py>>cpy band at 30-40^{o} tca. Core is very broken up.
244.00	251.95			5	Granodiorite	Grey green, cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ tr mm biotite xlts. Xtl boundaries are blured. Resembles propylitic alt. 0.1-1% diss, stringer, irreg frac filling, py.
251.95	255.30			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds. Contains 1-5% diss, stringer, and irreg frac filling py, and 1% blebby cpy. Qtz phenos remain. Resembles phylic alt. Core is very broken up. Sharp alt contacts at 20-30^{o} tca. (Hand Sample 254.70-254.80m)
			252.40			1cm wide qtz, cal veinlet at 30^{o} tca, within a 5cm wide zone of 20% blebby and banded py, 1% blebby cpy, and sph, and 0.1% galena?
			253.40			20cm wide fault at ~15o tca w/ coherent gouge composed of clay and cm rock fragments.
255.30	258.61			5	Granodiorite	Grey green, cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ tr mm biotite xlts. Xtl boundaries are blured. Resembles propylitic alt. 0.1-1% diss, stringer, irreg frac filling, py. (Hand Sample 256.80-256.90m)
		257.30	258.61			Major fault. Upper contact at ~20^{o} tca. Coherent gouge composed to clay and cm rock fragments. Did not drill through to the other side.
258.61	EOH					

Etzel Project
DDH ET-11-02 Intervals and Attributes

Interval				Lithology		Mineralization					Alteration										Veining				Brecciation					Fracture	Structure					
From	To	Width	Sample	Code	Lithology	Py%	Cp%	Sph	Gal	Mnzn Style	Si	Ser	Cal	Lim	Hem	Mag	Chl	Epi	Alb	Cly	Altn Style	Assemblage	Width	% Int	Orient	Clasts	% Clasts	Rounding	Matrix	Intensity	Intensity	Ft	Fr	Ct	Bd	Shr	Fol
4.15	5.65	1.50	**1068089**	**5**	Granodiorite	0.1				diss			1	1		1	3	1			diss										4		50,75				
		STANDARD PM1129	**1068090**																																		
5.65	7.15	1.50	**1068091**	**5**	Granodiorite	0.1				diss			1	1		1	3	1			diss										4						
7.15	8.40	1.25	**1068092**	**5**	Granodiorite	0.1				diss				1		1	3	1			diss										3		50				
8.40	9.15	0.75	**1068093**	**2**	Granodiorite									5						2	perv										5						
9.15	10.65	1.50	**1068094**	**5**	Granodiorite	0.1				diss			1	1		1	3	1			diss										4		55				
10.65	12.15	1.50	**1068095**	**5**	Granodiorite								2	1		1	3	1			diss										4						
12.15	13.30	1.15	**1068096**	**5**	Granodiorite	0.1				diss			1	2		1	3	1			diss										4		45				
13.30	14.80	1.50	**1068097**	**2**	Granodiorite									2						4	perv										5						
14.80	15.90	1.10	**1068098**	**2**	Granodiorite									3						3	perv										5		40				
15.90	16.90	1.00	**1068099**	**2**	Granodiorite									3						3	perv										5						
16.90	18.50	1.60	**1068100**	**2**	Granodiorite									4						2	perv										4		40,60				
		BLANK	**1068101**																																		
18.50	19.50	1.00	**1068102**	**2**	Granodiorite									3						2	perv										4						
19.50	21.35	1.85	**1068103**	**5**	Granodiorite	0.1				diss				2			2	1		1	diss, perv										4		50				
21.35	22.85	1.50	**1068104**	**5**	Granodiorite	0.1				diss				2			2	1		1	diss, perv										4						
22.85	24.35	1.50	**1068105**	**5**	Granodiorite	0.1				diss				2			2	1		1	diss, perv										3		25,45				
24.35	25.85	1.50	**1068106**	**2**	Granodiorite	0.1				diss				3			2	1		1	diss, perv										4						
25.85	27.35	1.50	**1068107**	**2**	Granodiorite									4						1	perv										4		20,40				
27.35	28.85	1.50	**1068108**	**2**	Granodiorite									5						2	perv										4						
28.85	30.35	1.50	**1068109**	**2**	Granodiorite	0.1				diss				5						1	perv												40				
		STANDARD PM436	**1068110**																																		
30.35	31.85	1.50	**1068111**	**2**	Granodiorite							1		4						1	perv										3						
31.85	33.40	1.55	**1068112**	**2**	Granodiorite	0.1				diss, band				4						1	perv												55				
33.40	34.90	1.50	**1068113**	**2**	Granodiorite									4						1	perv										5						
34.90	35.85	0.95	**1068114**	**2**	Granodiorite									4						1	perv																
35.85	37.35	1.50	**1068115**	**5**	Granodiorite	0.1				diss			1	2			3	1			diss, perv										5		30				
37.35	38.85	1.50	**1068116**	**5**	Granodiorite	0.1				diss			1	2			3	1			diss, perv																
38.85	40.35	1.50	**1068117**	**5**	Granodiorite	0.1				diss			1	1		2	3	1			diss, perv										3		30,55				
40.35	41.85	1.50	**1068118**	**5**	Granodiorite	0.1				diss			1	1		2	3	1			diss, perv																
		FIELD DUPLICATE	**1068119**																																		
41.85	43.35	1.50	**1068120**	**5**	Granodiorite	0.1				diss			1	2		2	3	1			diss, perv										4		25				
43.35	44.85	1.50	**1068121**	**5**	Granodiorite	0.1				diss			1	2		2	3	1			diss, perv																
44.85	45.55	0.70	**1068122**	**5**	Granodiorite	0.1				diss			1	1		2	3	1			diss, perv										3		35,55				
45.55	47.00	1.45	**1068123**	**3**	Granodiorite							3		2			3	1		2	diss, perv																
		BLANK	**1068124**																																		
47.00	48.50	1.50	**1068125**	**3**	Granodiorite							3		1			3	1		2	diss, perv										4		50				
48.50	49.70	1.20	**1068126**	**3**	Granodiorite	0.1				diss		3			1		3			2	diss, perv																
49.70	50.80	1.10	**1068127**	**3**	Granodiorite	10	0.1			diss, band	3	2	1								diss, perv										3		20,50				
		BLANK	**1068128**																		diss, perv																
		BLANK	**1068129**																		diss, perv																
50.80	52.25	1.45	**1068130**	**3**	Granodiorite	0.1				diss		3	1				3			2	diss, perv																
52.25	53.90	1.65	**1068131**	**3**	Granodiorite	0.1				diss		3				1	3			2	diss, perv										4		20,35				
53.90	55.40	1.50	**1068132**	**3**	Granodiorite	0.1				diss		3	1		1		3			2	diss, perv																
		STANDARD PM1129	**1068133**																																		
55.40	56.90	1.50	**1068134**	**3**	Granodiorite	0.1				diss		3	1		1		3			2	diss, perv										5		50				
56.90	58.70	1.80	**1068135**	**3**	Granodiorite	0.1				diss		3	1		1		3			2	diss, perv										5						
58.70	60.20	1.50	**1068136**	**5**	Granodiorite								1			1	3	1			diss, perv										4		40				
60.20	61.70	1.50	**1068137**	**5**	Granodiorite								1			1	3	1			diss, perv										4						
61.70	63.30	1.60	**1068138**	**5**	Granodiorite											1	3	1			diss, perv										3		40				
63.30	64.80	1.50	**1068139**	**5**	Granodiorite	0.1				diss						1	3				diss, perv										3						
64.80	65.40	0.60	**1068140**	**5**	Granodiorite											1	3				diss, perv										3		40				
65.40	66.90	1.50	**1068141**	**3**	Granodiorite	0.1				diss		4				1				2	diss, perv										3						
		FIELD DUPLICATE	**1068142**																																		
66.90	68.40	1.50	**1068143**	**3**	Granodiorite	0.1				diss		4	1				2			2	diss, perv										3		40				
68.40	69.90	1.50	**1068144**	**3**	Granodiorite	0.1				diss		4	1							2	diss, perv										4						
69.90	71.40	1.50	**1068145**	**3**	Granodiorite	0.1				diss		4	1							3	diss, perv										4		20				
71.40	72.90	1.50	**1068146**	**3**	Granodiorite							4	1							3	diss, perv										4						
72.90	74.40	1.50	**1068147**	**3**	Granodiorite							4	1							3	diss, perv										4		40				
74.40	74.95	0.55	**1068148**	**3**	Granodiorite	0.1				diss		4	1							3	diss, perv										4						
74.95	76.50	1.55	**1068149**	**5**	Granodiorite											1	3	1			diss, perv										3		35				
76.50	78.00	1.50	**1068150**	**5**	Granodiorite											1	3	1			diss, perv										3						
78.00	79.50	1.50	**1068151**	**5**	Granodiorite											1	3	1			diss, perv										3		35				
79.50	81.00	1.50	**1068152**	**5**	Granodiorite	0.1				diss						1	3	1			diss, perv										3						
		BLANK	**1068153**																																		
81.00	82.50	1.50	**1068154**	**5**	Granodiorite	0.1				diss					1	1	3	1			diss, perv												15,40				
82.50	84.15	1.65	**1068155**	**5**	Granodiorite	0.1				diss						1	3	1			diss, perv										4						
84.15	85.65	1.50	**1068156**	**5**	Granodiorite	0.1				diss						1	3	1			diss, perv												40				
85.65	87.17	1.52	**1068157**	**5**	Granodiorite	0.1				diss						1	3	1			diss, perv										3						
87.17	88.50	1.33	**1068158**	**5**	Granodiorite	0.1				diss						1	2	1		2	diss, perv											20	20				
88.50	90.20	1.70	**1068159**	**5**	Granodiorite	1				diss						1	3	1			diss, perv										3						
90.20	91.70	1.50	**1068160**	**5**	Granodiorite	0.1				diss						1	3	1			diss, perv																
91.70	93.25	1.55	**1068161**	**5**	Granodiorite	0.1				diss			1			1	3	1			diss, perv										3		20,40				
		STANDARD PM436	**1068162**																																		
93.25	94.75	1.50	**1068163**	**5**	Granodiorite	0.1				diss			1			1	3	1			diss, perv																
94.75	96.30	1.55	**1068164**	**5**	Granodiorite	0.1				diss			1			1	3	1			diss, perv										3		10,45				

Etzel Project
DDH ET-11-02 Intervals and Attributes

Interval				Lithology		Mineralization					Alteration											Veining				Brecciation					Fracture	Structure					
From	To	Width	Sample	Code	Lithology	Py%	Cp%	Sph	Gal	Mnzn Style	Si	Ser	Cal	Lim	Hem	Mag	Chl	Epi	Alb	Cly	Altn Style	Assemblage	Width	% Int	Orient	Clasts	% Clasts	Rounding	Matrix	Intensity	Intensity	Ft	Fr	Ct	Bd	Shr	Fol
96.30	98.30	2.00	**1068165**	**5**	Granodiorite	0.1				diss			1			1	3	1			diss, perv																
98.30	98.95	0.65	**1068166**	**3**	Granodiorite	0.1				diss		3									perv										3		30,40				
98.95	100.00	1.05	**1068167**	**3**	Granodiorite	5				diss, cubic										4	perv																
100.00	101.45	1.45	**1068168**	**3**	Granodiorite	0.1				diss										4	perv										5		45				
101.45	102.70	1.25	**1068169**	**3**	Granodiorite	4		1	0.1	diss, stringer		4									perv	si, cal, py,	2	1	25							20					
102.70	103.95	1.25	**1068170**	**3**	Granodiorite	1				diss		4								1	perv										4		50				
		FIELD DUPLICATE	**1068171**																																		
103.95	105.70	1.75	**1068172**	**3**	Granodiorite	1				diss		4								2	perv																
105.70	106.80	1.10	**1068173**	**3**	Granodiorite	0.1				diss		3								3	perv										4		irreg				
106.80	108.35	1.55	**1068174**	**3**	Granodiorite	0.1				diss		3								3	perv																
108.35	109.85	1.50	**1068175**	**3**	Granodiorite	1				diss		4									perv										3		30,50				
109.85	111.35	1.50	**1068176**	**3**	Granodiorite	0.1				diss		4									perv																
111.35	112.85	1.50	**1068177**	**3**	Granodiorite	1				diss		4	1							1	perv										4		40				
112.85	114.20	1.35	**1068178**	**3**	Granodiorite	0.1				diss		4	1								perv																
114.20	115.20	1.00	**1068179**	**3**	Granodiorite	1		0.1		diss		4	1								perv										3		25				
115.20	116.70	1.50	**1068180**	**3**	Granodiorite	1				diss		2	1							4	perv																
		BLANK	**1068181**																																		
116.70	118.30	1.60	**1068182**	**3**	Granodiorite	1				diss		2								4	perv										4		45				
118.30	119.70	1.40	**1068183**	**3**	Granodiorite	1				diss		3								3	perv																
119.70	121.30	1.60	**1068184**	**3**	Granodiorite	1				diss		2								4	perv										5		50				
121.30	122.70	1.40	**1068185**	**3**	Granodiorite	1				diss		4	1								perv																
122.70	124.30	1.60	**1068186**	**3**	Granodiorite	0.1				diss		3					2			3	perv										5		35				
124.30	125.80	1.50	**1068187**	**3**	Granodiorite	1				diss		3	1								perv																
125.80	127.30	1.50	**1068188**	**3**	Granodiorite	1				diss		2								4	perv										5		45				
127.30	128.80	1.50	**1068189**	**3**	Granodiorite	0.1				diss		2								4	perv																
		STANDARD PM1129	**1068190**																																		
128.80	130.30	1.50	**1068191**	**3**	Granodiorite	0.1				diss		2								4	perv										4		irreg				
130.30	132.00	1.70	**1068192**	**3**	Granodiorite	0.1				diss		2								4	perv																
132.00	133.50	1.50	**1068193**	**3**	Granodiorite	1				diss		2	1							4	perv										4		35				
133.50	135.35	1.85	**1068194**	**3**	Granodiorite	0.1				diss		2								4	perv																
135.35	136.85	1.50	**1068195**	**5**	Granodiorite	1				diss			1			1	3	1			diss, perv										4		45				
136.85	138.35	1.50	**1068196**	**5**	Granodiorite	0.1				diss			1			1	3	1			diss, perv																
138.35	139.85	1.50	**1068197**	**3**	Granodiorite	1				diss		3	1				1				diss, perv										4		15				
139.85	140.65	0.80	**1068198**	**3**	Granodiorite	0.1				diss		3	1			1					diss, perv																
140.65	142.15	1.50	**1068199**	**5**	Granodiorite	0.1				diss			1			1	3	1			diss, perv										3		30				
142.15	144.00	1.85	**1068200**	**5**	Granodiorite	1				diss			1			1	3	1			diss, perv																
		BLANK	**1068201**																																		
144.00	145.60	1.60	**1068202**	**3**	Granodiorite	1				diss, stringer		4									perv										3		35				
145.60	147.10	1.50	**1068203**	**3**	Granodiorite	2				diss, stringer		4									perv																
147.10	148.60	1.50	**1068204**	**3**	Granodiorite	1				diss, stringer		4	1								perv										3		30				
148.60	150.10	1.50	**1068205**	**3**	Granodiorite	0.1				diss		4									perv																
150.10	151.60	1.50	**1068206**	**3**	Granodiorite	5				diss, stringer		4									perv										3		50				
151.60	152.25	0.65	**1068207**	**3**	Granodiorite	5				diss, stringer		4									perv													15			
152.25	153.65	1.40	**1068208**	**6**	Breccia	10				diss, blebby	2	1								1	patchy										3						
153.65	154.80	1.15	**1068209**	**6**	Breccia	5				diss, blebby	2	1								1	patchy													15			
		STANDARD PM436	**1068210**																																		
154.80	156.30	1.50	**1068211**	**7**	Quartz Latite	0.1				diss		3									perv										3		15				
156.30	157.70	1.40	**1068212**	**7**	Quartz Latite	0.1				diss		3									perv												30				
157.70	158.40	0.70	**1068213**	**7**	Quartz Latite	0.1				diss		3									perv										3			20			
158.40	159.30	0.90	**1068214**	**6**	Breccia	5				diss, blebby	2	1								1	patchy												25	10			
159.30	160.80	1.50	**1068215**	**3**	Granodiorite	2				diss, stringer		4									perv										3		35				
160.80	161.70	0.90	**1068216**	**3**	Granodiorite	0.1				diss		4								1	perv																
161.70	163.20	1.50	**1068217**	**3**	Granodiorite	5				diss, blebby, stringer	1	4									perv										3		40				
163.20	164.70	1.50	**1068218**	**3**	Granodiorite	5				diss, blebby, stringer	1	4									perv																
		FIELD DUPLICATE	**1068219**																																		
164.70	165.80	1.10	**1068220**	**3**	Granodiorite	10				diss, blebby, stringer	1	4									perv										4		20,40				
165.80	167.25	1.45	**1068221**	**3**	Granodiorite	5				diss, blebby, stringer	1	4									perv	qtz, py	1	0.5	40												
167.25	168.75	1.50	**1068222**	**3**	Granodiorite	1				diss		4									perv										3		40				
168.75	170.60	1.85	**1068223**	**3**	Granodiorite	1				diss		4									perv																
		BLANK	**1068224**																																		
170.60	172.45	1.85	**1068225**	**3**	Granodiorite	1				diss		4									perv										5		35,50				
172.45	173.95	1.50	**1068226**	**5**	Granodiorite	1				diss			1			1	3	1			diss																
173.95	175.45	1.50	**1068227**	**5**	Granodiorite	1				diss			1			2	3	1			diss										3		30,50				
175.45	177.05	1.60	**1068228**	**5**	Granodiorite	1				diss			1			1	3	1			diss																
177.05	178.55	1.50	**1068229**	**5**	Granodiorite	0.1				diss			1			1	3	1			diss										3		35,50				
178.55	180.05	1.50	**1068230**	**5**	Granodiorite	1				diss			1			1	3	1			diss																
180.05	180.95	0.90	**1068231**	**5**	Granodiorite	1				diss			1			1	3	1			diss										3		30				
180.95	182.05	1.10	**1068232**	**3**	Granodiorite	5	0.1			diss, blebby, stringer							1				perv																
		STANDARD PM1129	**1068233**																																		
182.05	183.15	1.10	**1068234**	**3**	Granodiorite	2				diss, blebby, stringer							1				perv										3		30				
183.15	184.65	1.50	**1068235**	**5**	Granodiorite	1				diss			1			1	3	1			diss																
184.65	186.15	1.50	**1068236**	**5**	Granodiorite	1				diss			1			2	3	1			diss										3		30,50				
186.15	187.65	1.50	**1068237**	**5**	Granodiorite	1				diss			1			1	3	1			diss																
187.65	189.15	1.50	**1068238**	**3**	Granodiorite	2				diss, stringer		4	1			1					perv										3		30,60				
189.15	190.65	1.50	**1068239**	**3**	Granodiorite	5				diss, stringer		4				1					perv											20					
190.65	192.15	1.50	**1068240**	**3**	Granodiorite	2				diss, stringer		4									perv										3		30,50				

Etzel Project
DDH ET-11-02 Intervals and Attributes

Interval				Lithology		Mineralization					Alteration										Veining				Brecciation					Fracture	Structure					
From	To	Width	Sample	Code	Lithology	Py%	Cp%	Sph	Gal	Mnzn Style	Si	Ser	Cal	Lim	Hem	Mag	Chl	Epi	Alb	Cly	Altn Style	Assemblage	Width	% Int	Orient	Clasts	% Clasts	Rounding	Matrix	Intensity	Intensity	Ft	Fr	Ct	Bd	Shr	Fol
192.15	192.90	0.75	1068241	3	Granodiorite	5				diss, stringer		4									perv																
		FIELD DUPLICATE	1068242																																		
192.90	194.40	1.50	1068243	5	Granodiorite	1				diss, stringer			1			1	2	1			diss, perv										3		30,50				
194.40	195.90	1.50	1068244	5	Granodiorite	5				diss, stringer			1		1	2	2	1			diss, perv																
195.90	197.40	1.50	1068245	5	Granodiorite	1				diss, stringer	2		1			2	2	1			diss, perv										3		40				
197.40	198.90	1.50	1068246	5	Granodiorite	0.1				diss, stringer	3		1		1	2	2	1			diss, perv																
198.90	200.40	1.50	1068247	5	Granodiorite	0.1				diss, stringer	3		1			2	2	1			diss, perv										3		30,50				
200.40	201.90	1.50	1068248	5	Granodiorite	0.1				diss, stringer	3		1			2	2	1			diss, perv																
201.90	203.40	1.50	1068249	5	Granodiorite	1				diss, stringer	3		1			2	2	1			diss, perv										3		40				
203.40	204.55	1.15	1068250	5	Granodiorite	1				diss, stringer	3		1			2	2	1			diss, perv																
204.55	205.60	1.05	1068251	5	Granodiorite	10	1			diss, stringer		4	1								diss, perv										3		40				
205.60	207.10	1.50	1068252	5	Granodiorite	0.1				diss, stringer	2		1			2	2	1			diss, perv																
		BLANK	1068253																																		
207.10	208.60	1.50	1068254	5	Granodiorite	1				diss, stringer	2		1			2	2	1			diss, perv										3		20				
208.60	210.10	1.50	1068255	5	Granodiorite	1				diss, stringer	2		1			2	2	1			diss, perv																
210.10	211.60	1.50	1068256	5	Granodiorite	1				diss, stringer	2		1			2	2	1			diss, perv										3		40				
211.60	213.10	1.50	1068257	5	Granodiorite	1				diss, stringer	2		1		1	2	2	1			diss, perv																
213.10	214.60	1.50	1068258	5	Granodiorite	2				diss, stringer	1		1			2	2	1			diss, perv										3		55				
214.60	216.10	1.50	1068259	5	Granodiorite	2				diss, stringer	3		1			2	2	1			diss, perv																
216.10	217.60	1.50	1068260	5	Granodiorite	2				diss, stringer	1		1		1	2	2	1			diss, perv										3		50				
217.60	219.10	1.50	1068261	5	Granodiorite	2				diss, stringer	3		1		1	2	3	2			diss, perv																
		STANDARD PM436	1068262																																		
219.10	220.60	1.50	1068263	5	Granodiorite	2				diss, stringer	2		1		1	1	2	1			diss, perv										3		55				
220.60	222.00	1.40	1068264	5	Granodiorite	0.1				diss	1		1		1	3	3	1			diss, perv													70			
222.00	223.85	1.85	1068265	5	Granodiorite	0.1				diss	1		1		1	3	2	1			diss, perv										3		30,50	50			
223.85	225.35	1.50	1068266	5	Granodiorite	0.1				diss			1			1	3	1			diss, perv																
225.35	226.85	1.50	1068267	5	Granodiorite	0.1				diss			1			1	3	1			diss, perv										3		20,60				
226.85	228.35	1.50	1068268	5	Granodiorite	1				diss			1			1	3	1			diss, perv																
228.35	229.50	1.15	1068269	5	Granodiorite	0.1				diss			1			1	3	1			diss, perv										3		45	50			
229.50	231.00	1.50	1068270	3	Granodiorite	2				diss, stringer		4	1								perv																
		FIELD DUPLICATE	1068271																																		
231.00	232.00	1.00	1068272	3	Granodiorite	5	1			diss, stringer, blebby		4									perv										3		30				
232.00	233.50	1.50	1068273	3	Granodiorite	1				diss, stringer		4	1								perv																
233.50	235.00	1.50	1068274	5	Granodiorite	1				diss, stringer			1			1	3	1			diss, perv										3		20,60				
235.00	236.30	1.30	1068275	5	Granodiorite	1				diss, stringer			1			1	3	1			diss, perv																
236.30	237.80	1.50	1068276	5	Granodiorite	0.1				diss			1			1	3	1			diss, perv										3		20				
237.80	239.30	1.50	1068277	5	Granodiorite	1				diss, stringer			1			1	3	1			diss, perv																
239.30	240.80	1.50	1068278	5	Granodiorite	1				diss, stringer			1			1	3	1			diss, perv										3		45				
240.80	242.30	1.50	1068279	5	Granodiorite	0.1				diss			1			1	3	1			diss, perv																
242.30	242.95	0.65	1068280	5	Granodiorite	1				diss, stringer			1			1	3	1			diss, perv										4		60				
		BLANK	1068281																																		
242.95	244.00	1.05	1068282	3	Granodiorite	5	1			diss, stringer, blebby		4									perv																
244.00	245.50	1.50	1068283	5	Granodiorite	0.1				diss			1			1	3	1			diss, perv										3		45				
245.50	247.00	1.50	1068284	5	Granodiorite	1				diss, stringer			1			1	3	1			diss, perv																
247.00	248.50	1.50	1068285	5	Granodiorite	0.1				diss			1			1	3	1			diss, perv										4		40				
248.50	250.00	1.50	1068286	5	Granodiorite	1				diss, stringer			1			1	3	2			diss, perv																
250.00	251.95	1.95	1068287	5	Granodiorite	1				diss, stringer			1			1	3	1			diss, perv										3		50				
251.95	253.45	1.50	1068288	3	Granodiorite	5	1	1	0.1	diss, stringer, blebby		4									perv											15					
253.45	254.45	1.00	1068289	3	Granodiorite	2				diss, stringer		4									perv										4		50				
		STANDARD PM1129	1068290																																		
254.45	255.30	0.85	1068291	3	Granodiorite	1				diss, stringer		4									perv										3		40				
255.30	257.30	2.00	1068292	5	Granodiorite	1				diss, stringer			1			1	3	1			diss, perv																
257.30	258.61	1.31	1068293	5	Granodiorite	0.1				diss			2			1	2	1		2	diss, perv										5	20					

Etzel Project
DDH ET-11-02 Down Hole Surveys

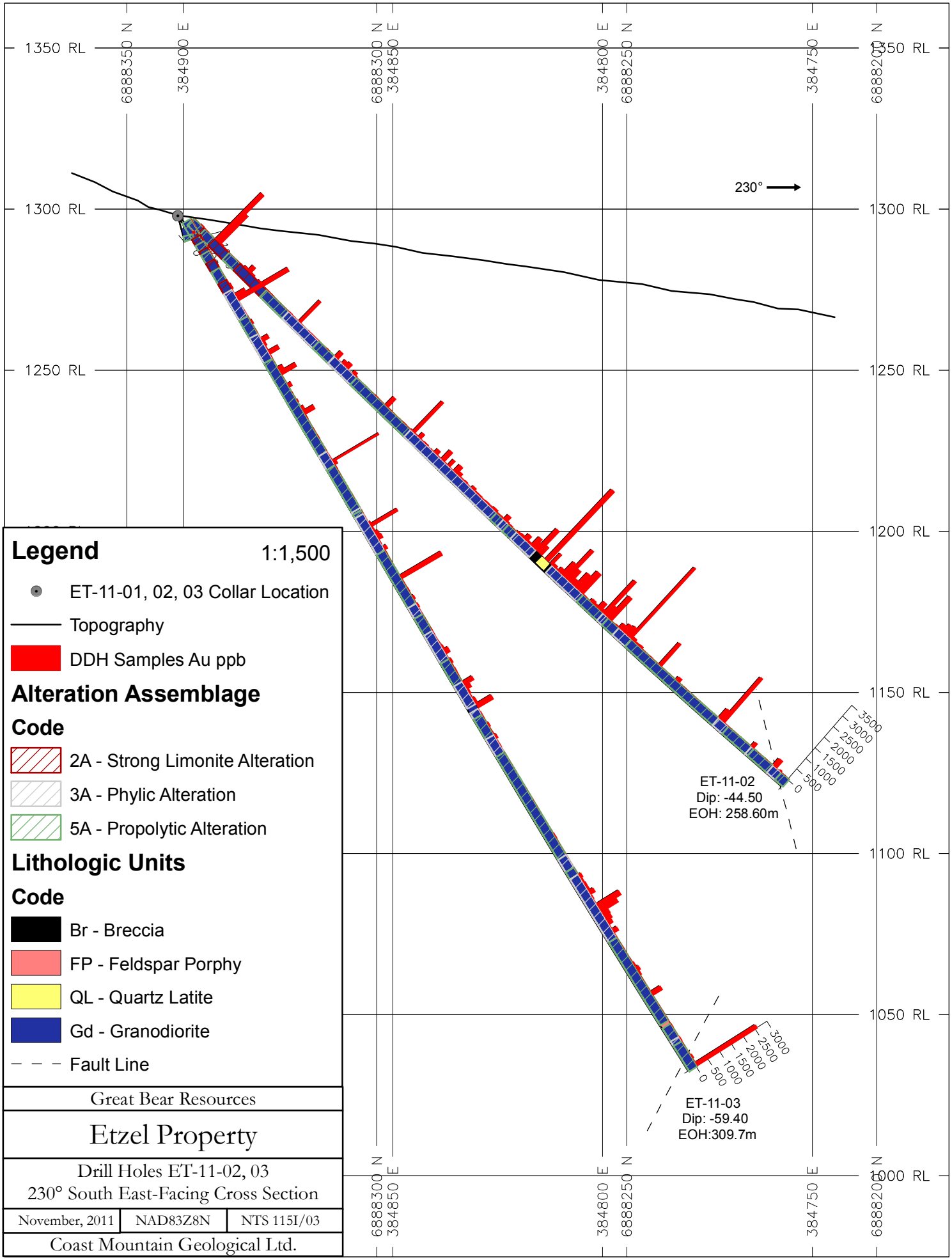
Date	Survey Depth		Mag. North*	Azimuth (reading)	Azimuth (actual)	Inclination	Mag Strength	Mag Dip	Gravity Roll	Grav Inten	Mag Tool Face	Temp	Comments
	Feet	Metres											
11-Sep-17	48	14.63			230.60	-44.8	58073.3	-78.2					
11-Sep-17	58	17.68			230.60	-44.5	57756.6	-78					
11-Sep-17	68	20.73			231.60	-44.2	57467.9	-78.3					
11-Sep-17	78	23.78			229.10	-44.3	57691.6	-78.3					
11-Sep-17	88	26.83			228.30	-44.4	56965.7	-78					
11-Sep-17	98	29.88			235.10	-44.6	57381.4	-78.1					
11-Sep-17	108	32.93			231.40	-44.8	57786.1	-76.9					
11-Sep-17	118	35.98			224.40	-44.6	57317.9	-76.4					
11-Sep-17	148	45.12			224.20	-44.4	55786.5	-76.9					
11-Sep-17	178	54.27			230.20	-44.2	57274.5	-77.7					
11-Sep-17	208	63.41			230.30	-44.1	57482.5	-77.5					
11-Sep-17	238	72.56			229.80	-44	57771.8	-76.2					
11-Sep-17	268	81.71			230.60	-43.9	57375.6	-76.6					
11-Sep-17	298	90.85			233.90	-44	57387.7	-77.9					
11-Sep-17	328	100.00			225.00	-43.9	56467.2	-76.3					
11-Sep-17	358	109.15			223.60	-43.8	56022.2	-76.2					
11-Sep-17	388	118.29			234.30	-43.7	57014.4	-78.1					
11-Sep-17	418	127.44			224.20	-44.2	56623.1	-76.3					
11-Sep-17	448	136.59			233.60	-43.8	56971.9	-77.9					
11-Sep-17	478	145.73			230.00	-43.4	56953.2	-77.9					
11-Sep-17	508	154.88			224.30	-43.4	55733.3	-76.4					
11-Sep-17	538	164.02			229.70	-43.2	56325.9	-76.4					
11-Sep-17	568	173.17			226.20	-42.9	55511.7	-76.6					
11-Sep-17	598	182.32			231.40	-42.8	56179.1	-76.5					
11-Sep-17	628	191.46			230.90	-42.6	56546.9	-76.9					
11-Sep-17	658	200.61			224.10	-42.4	56640	-75.8					
11-Sep-17	688	209.76			229.20	-41.9	57259.7	-77.3					
11-Sep-17	718	218.90			222.40	-41.6	56623.4	-76.5					
11-Sep-17	748	228.05			225.30	-41.2	55687	-76.6					
11-Sep-17	778	237.20			226.60	-41	56801.3	-76.6					

Etzel Project
DDH ET-11-02
Assay Results

From	To	Interval Width	Sample	WGHT Wgt KG	G6 Au GM/T	1DX15 Mo PPM	1DX15 Cu PPM	1DX15 Pb PPM	1DX15 Zn PPM	1DX15 Ag PPM	1DX15 Ni PPM	1DX15 Co PPM	1DX15 Mn PPM	1DX15 Fe %	1DX15 As PPM	1DX15 Au PPB	1DX15 Th PPM	1DX15 Sr PPM	1DX15 Cd PPM	1DX15 Sb PPM	1DX15 Bi PPM	1DX15 V PPM	1DX15 Ca %	1DX15 P %	1DX15 La PPM	1DX15 Cr PPM	1DX15 Mg %	1DX15 Ba PPM	1DX15 Ti %	1DX15 B PPM	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W PPM	1DX15 Hg PPM	1DX15 Sc PPM	1DX15 Tl PPM	1DX15 S %	1DX15 Ga PPM	1DX15 Se PPM	1DX15 Te PPM	7TD Cu %
4.15	5.65	1.50	1068089	4.27	<0.005	0.9	10	7.5	53	<0.1	4	11	505	2.69	18.8	12.1	12.6	32	0.2	0.7	0.3	52	0.74	0.044	13	11	0.85	285	0.018	1	1.16	0.036	0.14	0.1	0.01	3.7	<0.1	0.14	4	<0.5	<0.2	N.A.	
		STANDARD PM1129	1068090	0.2	3.389	169.5	2206.2	67.9	79	31.2	32.1	22.9	547	4.17	39.1	3215.9	1.6	89	0.1	63.1	1.5	51	0.97	0.053	5	16	0.88	57	0.079	<1	1.32	0.086	0.17	0.2	8.3	1.2	0.1	1.67	3	0.9	17.2	0.249
5.65	7.15	1.50	1068091	3.9	<0.005	1.1	9.1	6.8	46	0.1	4.1	9	402	2.38	7.7	6.3	12.1	36	0.1	0.7	0.2	48	0.83	0.039	13	11	0.75	416	0.031	<1	0.97	0.043	0.1	0.2	<0.01	3	<0.1	0.13	4	<0.5	<0.2		
7.15	8.40	1.25	1068092	3.57	0.006	1.6	26.5	74.1	533	0.6	4.9	12.1	2119	3.95	162.6	45.3	12.7	22	3.5	2.9	0.6	36	0.31	0.055	28	7	0.33	106	<0.001	<1	1.07	0.015	0.21	0.3	0.12	4.8	0.2	0.05	3	0.5	<0.2		
8.40	9.15	0.75	1068093	2.07	0.033	1.7	7.6	31.9	132	0.2	4.8	7.9	828	3.48	50.3	28.5	12.1	33	1.1	1	0.7	50	0.71	0.051	18	9	0.69	190	0.008	1	1.24	0.035	0.21	0.1	<0.01	4.4	0.2	0.32	4	<0.5	<0.2		
9.15	10.65	1.50	1068094	4.16	0.019	1.4	7.3	33	136	0.2	4.7	8.2	831	3.53	50.2	22	11.9	34	1.1	1	0.6	50	0.72	0.05	18	9	0.71	196	0.007	1	1.27	0.035	0.21	0.1	0.01	4.4	0.2	0.33	5	<0.5	<0.2		
10.65	12.15	1.50	1068095	3.91	<0.005	1	3.5	8.4	83	0.1	3.2	6.9	751	2.61	13.4	1.8	12.9	42	0.3	0.6	0.3	44	0.98	0.046	20	10	0.7	227	0.014	1	1.1	0.057	0.15	<0.1	<0.01	4	0.1	<0.05	5	<0.5	<0.2		
12.15	13.30	1.15	1068096	3.84	<0.005	1.4	73.3	25.7	596	0.3	5.8	12.7	2306	3.61	75	7.7	15.2	39	6.1	2.3	0.6	48	0.87	0.057	23	9	0.45	201	0.002	1	1.03	0.023	0.2	<0.1	0.08	6.4	0.4	0.17	3	<0.5	<0.2		
13.30	14.80	1.50	1068097	3.04	2.245	5.5	21.4	1125.4	74	9.1	2	1.5	62	2.87	187.6	2328.6	4.4	25	0.3	53.7	14.9	4	0.08	0.015	12	4	0.02	122	<0.001	3	0.17	0.01	0.47	2.4	0.3	0.5	0.9	0.75	<1	<0.5	0.2		
14.80	15.90	1.10	1068098	2.57	1.116	2.9	38.9	3117.1	88	15.6	1.3	2.4	69	3.3	267.1	1407.8	4.4	23	0.3	72.8	18.1	4	0.13	0.017	15	3	0.03	121	<0.001	3	0.25	0.008	0.45	0.5	0.23	0.4	0.9	0.79	<1	<0.5	<0.2		
15.90	16.90	1.00	1068099	2.52	0.059	3	107.5	180	337	1.7	1.7	5.3	391	5.12	882.4	60.7	9.8	91	3	14.1	2.7	11	0.18	0.038	14	3	0.03	101	<0.001	2	0.37	0.022	0.52	0.2	0.13	2.2	1	0.8	1	<0.5	<0.2		
16.90	18.50	1.60	1068100	4.37	0.023	1.2	67.6	58.9	824	0.6	4.6	10	1993	3.44	51.9	29.5	12.5	9	6	2.8	1.1	35	0.16	0.045	20	8	0.25	27	0.001	2	0.9	0.003	0.15	<0.1	0.19	3.8	0.2	0.05	2	<0.5	<0.2		
		BLANK	1068101	1.02	0.006	<0.1	1.3	0.9	12	<0.1	1.6	0.9	161	0.33	<0.5	3.0	<0.1	34	<0.1	<0.1	<0.1	<2	17.57	0.012	<1	<1	9.90	26	<0.001	<1	0.01	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
18.50	19.50	1.00	1068102	2.52	0.032	1.3	38.3	23.4	360	0.3	5.9	11.8	1043	3.37	48.6	21.9	14.9	8	2.3	1.3	0.7	46	0.29	0.055	27	8	0.86	23	0.001	1	1.61	0.006	0.11	0.1	0.11	4.1	0.1	0.16	5	<0.5	<0.2		
19.50	21.35	1.85	1068103	5.11	0.014	1.1	22.6	12.4	130	0.2	4.9	10.2	923	2.83	9.7	10.5	12.4	23	1.3	0.8	0.4	50	0.38	0.050	21	10	0.89	189	0.011	2	1.37	0.045	0.14	<0.1	0.03	4.7	0.1	0.19	5	<0.5	<0.2		
21.35	22.85	1.50	1068104	5.19	0.006	1.0	15.1	10.1	158	0.1	4.6	7.6	696	2.75	10.7	7.5	13.3	22	1.4	0.8	0.2	54	0.29	0.048	18	11	0.82	190	0.014	2	1.30	0.061	0.14	<0.1	0.01	4.7	<0.1	0.10	5	<0.5	<0.2		
22.85	24.35	1.50	1068105	5.98	0.013	3.7	47.0	73.2	399	1.2	4.4	7.6	1201	2.72	44.0	19.3	13.2	23	5.7	2.4	2.4	42	0.58	0.043	19	9	0.64	78	0.006	2	1.04	0.042	0.19	0.9	0.01	3.9	0.2	0.14	4	0.5	<0.2		
24.35	25.85	1.50	1068106	5.02	0.008	1.2	247.3	27.4	283	0.2	5.6	10.7	979	2.69	113.7	10.1	14.8	24	3.7	1.4	0.5	41	0.33	0.041	18	8	0.63	76	0.012	1	1.51	0.038	0.17	0.2	<0.01	4.3	0.2	0.15	4	<0.5	<0.2		
25.85	27.35	1.50	1068107	4.24	0.095	1.9	243.8	136.1	410	2.9	4.1	6.8	204	3.65	246.5	90.2	10.4	20	1.1	4.5	11.1	23	0.06	0.036	19	5	0.14	51	<0.001	1	0.79	0.018	0.24	0.3	0.03	2.7	0.2	0.16	2	0.8	0.4		
27.35	28.85	1.50	1068108	4.03	0.267	33.1	237.4	288.5	161	3.4	2.3	3.4	87	4.71	760.2	275.9	12.0	45	0.7	46.9	4.5	13	0.03	0.048	13	3	0.03	100	<0.001	2	0.38	0.012	0.36	0.2	0.21	1.5	0.4	0.46	<1	0.7	0.3		
28.85	30.35	1.50	1068109	4.52	0.065	3.2	184.5	122.1	386	1.4	3.9	15.0	881	3.39	309.4	72.2	13.6	15	2.7	11.3	1.8	15	0.06	0.041	17	2	0.11	54	<0.001	2	0.56	0.012	0.25	0.1	0.19	2.9	0.4	0.25	1	<0.5	<0.2		
		STANDARD PM436	1068110	0.14	0.382	10.6	133.7	7.6	50	0.2	26.7	34.8	507	3.19	1347.0	384.8	3.2	77	0.2	2.2	4.6	78	1.44	0.055	7	45	0.80	128	0.127	3	1.75	0.196	0.27	0.4	<0.01	2.7	<0.1	0.13	5	2.1	0.7		
30.35	31.85	1.50	1068111	4.63	0.010	1.0	77.3	19.2	356	<0.1	5.1	9.7	1297	2.91	44.0	9.1	16.5	22	4.5	2.2	0.3	32	0.22	0.041	23	9	0.62	373	0.002	2	1.23	0.028	0.20	0.1	0.03	3.4	0.2	0.33	4	<0.5	<0.2		
31.85	33.40	1.55	1068112	4.17	0.084	2.3	77.3	71.0	403	1.0	5.6	15.8	1178	3.78	348.7	69.5	15.2	10	3.4	5.7	2.0	24	0.29	0.055	21	5	0.23	40	<0.001	2	0.89	0.009	0.18	0.2	0.16	4.5	0.3	1.28	2	<0.5	<0.2		
33.40	34.90	1.50	1068113	4.67	0.018	1.6	30.6	50.4	424	0.5	5.3	10.4	1048	3.12	64.9	18.6	14.0	12	2.1	2.0	1.0	43	0.29	0.054	21	8	0.83	35	0.002	1	1.57	0.008	0.16	0.1	0.35	4.2	0.2	0.43	5	0.6	<0.2		
34.90	35.85	0.95	1068114	2.32	0.023	2.5	20.0	56.7	513	0.5	4.7	11.0	1873	3.03	91.2	28.3	11.4	23	3.1	3.1	0.9	39	0.46	0.048	21	8	0.92	206	0.001	<1	1.46	0.018	0.16	<0.1	0.33	3.6	0.2	0.36	4	<0.5	<0.2		
35.85	37.35	1.50	1068115	4.43	0.034	1.0	9.0	21.4	202	0.2	4.2	7.0	634	2.64	26.0	34.9	10.6	29	1.3	2.2	0.5	51	0.96	0.047	15	10	0.97	37	0.007	<1	1.53	0.037	0.15	0.2	0.14	4.8	0.1	0.23	5	0.6	<0.2		
37.35	38.85	1.50	1068116	4.13	0.030	1.4	13.9	14.1	129	0.1	4.7	10.4	1280	2.77	50.3	32.1	12.3	49	0.9	2.7	0.4	40	1.69	0.045	19	9	0.91	194	0.007	2	1.30	0.028	0.15	0.2	0.02	3.8	0.2	0.56	4	<0.5	<0.2		
38.85	40.35	1.50	1068117	5.88	0.006	1.0	7.4	10.8	40	<0.1	4.3	7.1	511	2.36	9.4	9.0	11.2	37	0.2	0.7	<0.1	58	1.12	0.048	13	14	0.84	142	0.090	2	1.08	0.063	0.12	0.2	<0.01	3.5	<0.1	0.11	4	<0.5	<0.2		
40.35	41.85	1.50	1068118	5.11	0.010	0.8	7.0	13.1	52	<0.1	4.4	7.6	595	2.70	6.3	7.6	12.1	61	0.2	0.6	0.1	59	1.41	0.051	12	14	0.99	651	0.085	1	1.28	0.064	0.13	0.2	<0.01	4.7	<0.1	0.06	5	<0.5	<0.2		
		FIELD DUPLICATE	1068119	3.14	0.035	0.9	9.5	13.4	54	0.1	4.2	7.5	645	2.65	8.9	53.8	12.5	62	0.2	0.7	0.2	54	1.49	0.052	13	14	1.04	688	0.076	1	1.36	0.065	0.14	0.2	<0.01	4.6	<0.1	0.08	5	<0.5	<0.2		
41.85	43.35	1.50	1068120	4.54	0.008	0.8	8.2	13.3	77	0.1	4.6	9.1	797	2.71	12.2	9.0	12.0	44	0.3	1.1	0.3	44	1.49	0.054	15	11	1.07	209	0.007	3	1.62	0.047	0.19	<0.1	<0.01	4.4	0.2	0.20	5	<0.5	<0.2		
43.35	44.85	1.50	1068121	5.11	0.008	1.3	3.0	9.6	65	<0.1	4.5	6.7	682	2.56	22.7	12.4	11.0	46	0.3	0.9	0.2	46	1.39	0.051	13	12	1.00	299	0.024	3	1.40	0.048	0.20	<0.1	<0.01	4.2	0.2	0.40	5	<0.5	<0.2		
44.85	45.55	0.70	1068122	2.62	0.017	1.4	2.7	8.8	66	<0.1	4.2	6.2	675	2.32	15.1	16.5	12.1	51	0.2	1.1	0.2	37	1.85	0.048	14	9	0.95	267	0.009	2	1.36	0.039	0.20	<0.1	<0.01	3.7	0.2	0.42	4	<0.5	<0.2		
45.55	47.00	1.45	1068123	3.61	0.025	1.5	4.5	19.3	115	0.1	4.8	9.8	734	2.94	60.6	33.2	13.4	45	0.6	3.1	0.3	39	1.91	0.053	20	9	0.98	140	0.003	2	1.40	0.022	0.19	0.3	0.10	3.9	0.2	0.74	4	<0.5	<0.2		
		BLANK	1068124	1.07	<0.005	<0.1	0.5	0.9	10	<0.1	0.7	0.9	182	0.32	<0.5	2.5	<0.1	31	<0.1	<0.1	<0.1	<2	17.45	0.012	<1	<1	9.84	14	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
47.00	48.50	1.50	1068125	4.11	0.014	1.7	95.2	94.7	162	<0.1	5.9	7.9	690	2.82	184.4	20.9	15.1	25	1.5	2.9	0.4	49	0.38	0.065	19	11	1.00	47	0.003	<1	1.94	0.012	0.14	0.2	0.07	4.6	0.1	0.24	5	<0.5	0.2		
48.50	49.70	1.20	1068126	4.18	0.010	1.2	30.8	39.2	381	0.2	5.2	8.7	1788	3.03	34.3	11.5	11.7	26	4.3	1.5	0.5	38	0.75	0.052	19	9	0.83	78	0.005	2	1.37	0.029	0.20	<0.1	0.02	4.2	0.2	0.36	4	<0.5	<0.2		
49.70	50.80	1.10	1068127	4.95	1.078	1.5	3220.2	2338.9	1127	88.2	5.8	7.4	2819	6.57	1599.0	1054.5	8.8	27	17.5	510.5	1357	9	1.10	0.063	5	5	0.40	31	<0.001	2	0.43	0.007	0.31	0.3	1.45	1.7	0.4	0.47	1	1.6	2.7	0.347	
		BLANK	1068128	1.14	<0.005	<0.1	2.6	1.8	11	<0.1	2.3	1.3	174	0.34	1.0	1.0	<0.1	34	<0.1	0.3	0.4	3	16.68	0.015	<1	<1	9.38	19	0.007	<1	0.04	0.002	0.04	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
		BLANK	1068129	0.92	<0.005	<0.1	6.2	3.7	15	<0.1	1.7	1.3	178	0.38	0.9	3.4	<0.1	33	<0.1	0.8	1.5	<2	17.59	0.011	<1	<1	9.91	9	<0.001	<1	0.01	0.001	<0.01	<0.1	<0.01	0.1	<0.1	0.05	<1	<0.5	<0.2		
50.80	52.25	1.45	1068130	4.59	0.008	0.5	12.9	25.1	131	0.2	5.0	12.1	1151	2.66	25.9	16.3	11.4	52	1.2	1.7	0.8	21	1.66	0.044	17	5	0.58	102	0.001	2	0.61	0.015	0.25	0.1	0.04	3.0	0.3	1.03	2	<0.5	<0.2		
52.25	53.90	1.65	1068131	4.42	<0.005	0.6	7.6	10.2	104	<0.1	4.3	8.0	875	2.65	4.3	5.6	11.6	57	0.4	1.4	0.5	41	1.43	0.049	18	9	0.93	415	0.008	2	1.32	0.039	0.18	<0.1	0.01	3.9	0.2	0.26	4	<0.5	<0.2		
53.90	55.40	1.50	1068132	4.02	0.018	0.7	15.0	39.1	366	0.4	5.1	9.7	1028	3.27	17.8	23.7	13.1	41	3.7	2.7	1.1	42	1.36	0.051	28	9	1.05	132	0.001	1	1.78	0.009	0.17	0.2	0.28	4.1	0.2	0.82	5	<0.5	<0.2		
		STANDARD PM1129	1068133	0.14	3.479	191.6	2372.5	78.5	92	32.9	33.7	23.3	638	4.47	44.5	3888.5	2.0	111	0.4	76.9	1.8	57	1.15	0.070	7	16	1.00	68	0.113	1	1.55	0.110	0.19	0.4	9.76	1.8	0.1	1.79	4	0.9	20.2	0.248	
55.40	56.90	1.50	1068134	4.23	0.006	0.5	19.6	20.7	518	0.3	4.5	9.2	2403	3.61	18.2	24.1	11.6	36	4.8	2.3	0.9	42	0.75	0.050	22	10	0.92	131	0.002	3	1.66	0.022	0.16	0.1	0.02	4.3	0.1	0.50	5	<0.5	<0.2		
56.90	58.70	1.80	1068135	4.71	0.007	0.6	13.2	18.3	103	0.3	5.0	9.8	1257	2.90	23.2	22.5	13.9	67	0.3	1.5	0.9	39	1.75	0.047	28	10	0.85	49	0.002	<1	1.43	0.014	0.15	0.1	0.04	4.2	0.2	0.62	5	<0.5	<0.2		
58.70	60.20	1.50	1068136	5.43	<0.005	0.6	3.0	5.9	39	<0.1	4.8	8.4	519	2.68	4.2	1.1	12.7	57	0.1	1.2	0.2	62	1.25	0.049	16	12	0.86	90	0.051	3	1.19	0.076	0.15	0.2	<0.01	4.8	<0.1	0.12	5	<0.5	<0.2		
60.20	61.70	1.50	1068137	4.40	<0.005	0.6	3.4	7.2	47	<0.1	5.2	8.9	618	2.76	4.2	2.6	12.6	66	0.2	1.0	0.2	58	1.70	0.050	17	13	0.84	64	0.021	<1	1.33	0.055	0.13	0.1	<0.01	4.9	<0.1	0.12	5	<0.5	<0.2		
61.70	63.30	1.60	1068138	5.63	0.018	0.6	7.2	8.8	68	<0.1	4.4	7.8	528	2.67	106.4	28.5	11.1	44	0.4	0.9	0.3	61	0.83	0.046	14	10	0.77	80	0.081	1	1.25	0.075	0.17	0.1	<0.01	3.4	0.2	0.15	4	0.5	<0.2		
63.30	64.80	1.50	1068139	5.36	<0.005	0.6	4.4	8.7	43	<0.1	4.5	7.0	352	2.47	5.1	<0.5	12.1	42	0.1	0.6	<0.1	62	0.76	0.046	13	15	0.77	94	0.164	2	1.24	0.080	0.16	0.3	<0.01	2.4	<0.1	0.07	4	<0.5	<0.2		
64.80	65.40	0.60	1068140	2.23	<0.005	0.4	9.1	12.7	70	0.1	4.3	5.8	440	2.31	7.2	0.7	10.7	52	0.5	0.9	0.2	61	0.81	0.041	12	11	0.76	93	0.138	<1	1.33	0.078	0.15	0.2	<0.01	2.7	<0.1	0.07	4	<0.5	<0.2		
65.40	66.90	1.50	1068141	5.59	0.245	0.9	54.5	50.3	338	1.1	4.4	8.1	2092	3.11	814.2	284.1	9.1	60	3.2	13.2	3.8	14	2.10	0.044	13	7	0.73	83	<0.001	<1	0.41	0.006	0.25	0.2	0.05	3.6	0.3	1.65	<1	<0.5	0.2		
		FIELD DUPLICATE	1068142	2.46	0.279	0.9	48.1	44.3	272	0.9	4.2	8.3	1850	3.00	1017.3	307.2	9.5	59	2.8	12.6	3.9	15	2.08	0.043	14	5	0.71	97	<0.001	<1	0.48	0.007	0.27	0.2	0.04	4.1	0.3	1.49	1	<0.5	0.3		
66.90	68.40	1.50	1068143	5.06	0.009	0.7	21.6	24.0	243	0.3	4.9	7.8	1218	2.87	23.8	12.4	11.3	81	2.5	6.8	0.8	36	2.45	0.051	22	8	0.75	106	0.003	<1	0.80	0.005	0.18	0.1	0.07	5.9	0.2	0.45	2	<0.5	<0.2		
68.40	69.90	1.50	1068144	4.99	0.193	0.9	74.6	29.0	104	0.7	5.0	7.8	1474	3.17	115.0	173.2	11.8	58	0.9	23.6	9.9	30	1.77	0.045	20	6	0.62	51	<0.001	<1	0.63	0.004	0.20	0.2	0.11	4.3	0.3	1.36	2	<0.5	<0.2		
69.90	71.40	1.50	1068145	4.29	0.083	0.6	41.0	44.2	218	0.7	4.5	8.6	1141	3.08	80.7	229.1	11.8	90	2.4	8.8	5.5	29	2.41	0.049	20	7	0.82	54	0.002	<1	0.96	0.003	0.20	0.2	0.10	4.4	0.3	0.91	3	0.6	<0.2		
71.40	72.90	1.50	1068146	5.16	0.017	0.5	9.1	15.1	134	0.2	4.3	7.8	816	2.54	15.0	10.3	13.1	88	1.5	2.0	0.5	42	2.16	0.050	23	9	0.88	75	0.008	<1	1.39	0.017	0.17	<0.1	0.05	4.5	0.2	0.30	4	0.8	<0.2		
72.90	74.40	1.50	1068147	3.70	0.123	0.8	13.7	28.8	191	0.5	5.0	11.8	1894	2.82	1501.9	144.3	8.6	51	2.0	8.8	0.9	12	1.86	0.042	10	6	0.62	67	<0.001	<1	0.40	0.008	0.24	0.3	0.06	3.5	0.7	2.16	<1	<0.5	<0.2		
74.40	74.95	0.55	1068148	1.95	0.055	1.7	34.5	220.4	312	0.8	4.3	6.9	1548	2.97	330.9	52.8	10.1	71	3.5	12.2	1.4	16	2.15	0.042	18	5	0.66	88	<0.001	<1	0.48	0.012	0.26	0.2	0.05	2.7	0.3	1.09	1	0.8	<0.2		
74.95	76.50	1.55	1068149	4.71	<0.005	0.6	5.1	12.3	59	0.2	4.9	8.2	716	2.64	12.7	8.7	11.9	88	0.4	1.5	0.5	43	1.81	0.050	18	12	0.87	261	0.010	<1	1.17	0.049	0.18	0.2	<0.01	4.5	0.2	0.53	4	<0.5	<0.2		
76.50	78.00	1.50	1068150	5.45	<0.005	0.8	4.0	7.5	40	<0.1	4.3	8.3	525	2.61	5.2	1.7	13.5	78	0.2	0.8	0.1	62	1.25	0.050	15	14	0.93	335	0.066	<1	1.17	0.089	0.15	0.3	<0.01	4.8	<0.1	0.15	5	<0.5	<0.2		
78.00	79.50	1.50	1068151	6.56	<0.005	0.6	21.7	15.9	47	0.1	5.4	12.0	714	2.93	7.4	5.7	13.6	74	0.3	1.2	0.4	56	1.87	0.053	17	12	0.96	263	0.079	<1	1.29	0.067	0.15	0.3	<0.01	4.6	0.1	0.59	5	0.8	<0.2		
79.50	81.00	1.50	1068152	4.28	<0.005	0.6	5.1	9.8	51	<0.1	4.9	8.1	601	2.78	5.4	2.3	10.6	57	0.2	0.6	0.3	60	1.33	0.051	15	14	0.99	313	0.084	1	1.21	0.068	0.14	0.2	<0.01	4.6	0.1	0.32	5	<0.5	<0.2		
		BLANK	1068153	4.69	0.007	0.3	2.1	10.0	50	<0.1	4.3	8.1	744	2.51	7.3	10.5	10.1	65	0.2	0.6	0.3	51	1.78	0.049	15	11	0.98	307	0.050	3	1.29	0.053	0.16	0.2	<0.01	4.5	0.1	0.48	4	<0.5	<0.2		
81

Etzel Project
DDH ET-11-02
Assay Results

From	To	Interval Width	Sample	WGHT Wgt KG	G6 Au GM/T	1DX15 Mo PPM	1DX15 Cu PPM	1DX15 Pb PPM	1DX15 Zn PPM	1DX15 Ag PPM	1DX15 Ni PPM	1DX15 Co PPM	1DX15 Mn PPM	1DX15 Fe %	1DX15 As PPM	1DX15 Au PPB	1DX15 Th PPM	1DX15 Sr PPM	1DX15 Cd PPM	1DX15 Sb PPM	1DX15 Bi PPM	1DX15 V PPM	1DX15 Ca %	1DX15 P %	1DX15 La PPM	1DX15 Cr PPM	1DX15 Mg %	1DX15 Ba PPM	1DX15 Ti %	1DX15 B PPM	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W PPM	1DX15 Hg PPM	1DX15 Sc PPM	1DX15 Tl PPM	1DX15 S %	1DX15 Ga PPM	1DX15 Se PPM	1DX15 Te PPM	7TD Cu %
133.50	135.35	1.85	1068194	4.46	0.100	0.3	36.6	26.4	92	0.4	4.8	6.8	518	2.75	16.3	99.9	13.8	78	1.1	1.7	2.6	47	2.06	0.051	20	10	1.00	36	0.002	<1	1.45	0.024	0.13	<0.1	0.03	4.6	0.1	0.54	5	<0.5	0.4	
135.35	136.85	1.50	1068195	3.76	0.048	0.6	22.5	21.1	63	0.3	5.2	8.9	610	2.90	14.6	48.4	12.8	77	0.4	1.5	2.0	52	1.93	0.048	16	11	0.97	46	0.012	<1	1.37	0.049	0.13	<0.1	0.03	4.8	0.1	0.52	5	<0.5	<0.2	
136.85	138.35	1.50	1068196	3.79	0.062	0.4	20.8	21.0	62	0.3	4.7	8.9	503	2.75	9.7	56.6	12.0	68	0.4	1.1	1.4	51	1.66	0.046	14	9	0.91	64	0.013	<1	1.25	0.054	0.15	<0.1	0.02	4.5	0.1	0.49	5	<0.5	<0.2	
138.35	139.85	1.50	1068197	4.26	0.228	0.7	55.4	31.7	81	0.4	5.6	11.0	967	3.38	171.1	245.6	11.5	74	0.7	4.2	3.8	38	2.05	0.046	16	7	0.79	55	0.004	1	0.90	0.015	0.18	<0.1	0.03	5.1	0.2	1.14	3	<0.5	<0.2	
139.85	140.65	0.80	1068198	2.94	0.122	0.3	41.2	24.3	59	0.4	5.4	10.5	922	3.09	220.9	73.0	12.3	106	0.4	4.1	2.4	45	2.55	0.051	17	8	0.87	45	0.006	2	0.98	0.029	0.19	<0.1	0.01	5.4	0.2	0.76	3	<0.5	<0.2	
140.65	142.15	1.50	1068199	4.54	0.025	0.6	10.4	12.1	54	0.1	6.7	9.5	666	2.98	45.3	49.9	12.1	82	0.2	1.3	0.7	59	1.83	0.054	14	20	0.97	229	0.034	1	1.14	0.068	0.22	<0.1	<0.01	5.9	0.2	0.38	4	<0.5	<0.2	
142.15	144.00	1.85	1068200	6.91	0.021	0.7	9.5	57.0	125	0.2	5.9	10.2	896	3.28	18.5	22.8	12.0	83	0.9	1.2	0.8	55	1.81	0.051	14	10	0.96	177	0.021	2	1.12	0.055	0.22	<0.1	<0.01	5.1	0.2	0.77	4	<0.5	<0.2	
		BLANK	1068201	0.73	<0.005	<0.1	2	1.1	13	<0.1	2.1	0.6	218	0.44	<0.5	<0.5	<0.1	41	<0.1	<0.1	<0.1	<2	23.25	0.015	<1	<1	11.04	12	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
144.00	145.60	1.60	1068202	5	0.075	13.4	274.1	326.6	841	3.2	4.7	8.3	2087	4.41	452.6	79.2	9.2	61	9.4	60.3	5.7	21	1.89	0.046	9	3	0.79	59	<0.001	3	0.52	0.005	0.35	0.2	0.22	3.6	0.5	2.6	1	<0.5	<0.2	
145.60	147.10	1.50	1068203	4.73	0.11	5.5	55.4	355	668	1.7	3.8	7.8	3369	3.3	515.8	102.7	9.9	79	8.7	14.2	3	12	2.61	0.047	9	4	0.87	43	<0.001	3	0.39	0.004	0.29	0.3	0.13	3.2	0.4	2.1	<1	<0.5	<0.2	
147.10	148.60	1.50	1068204	4.32	0.235	3.6	37.8	50.4	79	0.5	4.2	7.7	2114	2.93	2350.6	253.1	9	98	0.8	16.7	1.4	14	3.18	0.048	13	5	1	103	<0.001	3	0.44	0.005	0.28	0.2	0.07	4.1	0.5	1.41	1	<0.5	<0.2	
148.60	150.10	1.50	1068205	3.99	0.088	4	85.6	55	85	0.5	5.2	10.9	1969	3.01	1382.5	88.8	9.1	88	1	20.1	2.1	16	2.68	0.057	17	2	0.88	90	<0.001	3	0.51	0.006	0.33	0.3	0.08	5.6	0.7	1.86	1	<0.5	<0.2	
150.10	151.60	1.50	1068206	4.65	0.324	10	450.9	106.4	150	4.1	5.7	8.9	1176	4.71	1372.7	435.9	9.7	52	1.7	118.8	9.8	15	1.86	0.059	11	6	0.59	55	<0.001	2	0.62	0.006	0.44	0.3	0.36	4.3	0.5	4.57	1	<0.5	0.5	
151.60	152.25	0.65	1068207	1.87	0.309	19.8	877.6	112.5	186	5.2	4.5	5	290	4.14	426.5	309.8	6.7	11	2.1	217.9	7	8	0.38	0.044	5	1	0.15	28	<0.001	2	0.39	0.003	0.34	0.1	0.6	1.2	0.3	4.69	1	<0.5	0.6	
152.25	153.65	1.40	1068208	3.92	1.117	26.5	504.8	2180.2	4134	11.2	5.6	10.3	2672	7.33	1079.3	1069.7	4.7	48	52.8	94.5	30.5	6	1.62	0.041	4	<1	0.54	13	<0.001	1	0.32	0.004	0.21	0.4	0.32	2.1	0.4	7.61	1	2.7	3	
153.65	154.80	1.15	1068209	3.5	0.419	29.5	328.2	614.2	1451	4.7	11.3	14.5	1910	4.8	330.4	392.4	5.1	124	17	37.9	15.3	12	3.11	0.103	12	5	1	23	<0.001	1	0.57	0.005	0.3	0.4	0.14	3.3	0.3	4.03	1	1.4	1.1	
		STANDARD PM436	1068210	0.09	0.409	9.3	127.9	7.3	47	0.2	25.1	34.6	484	3.08	1309	382.6	2.9	75	0.3	2.4	4.5	76	1.36	0.055	7	42	0.76	126	0.116	2	1.66	0.187	0.28	0.4	0.02	2.3	<0.1	0.12	4	2	0.6	
154.80	156.30	1.50	1068211	4.37	0.016	2.1	24.8	13.8	67	<0.1	10.4	8.1	944	2.43	35.1	10.9	4	203	0.4	4.3	0.2	14	4	0.143	32	6	1.27	1130	0.001	2	0.62	0.005	0.28	0.1	0.02	3.5	0.3	0.13	1	<0.5	<0.2	
156.30	157.70	1.40	1068212	4.42	0.071	2.3	16.9	26.1	242	0.7	7.8	7.4	948	2.39	87	3445.9	4.9	198	3.4	3.9	0.4	15	3.66	0.12	29	7	1.17	564	0.001	2	0.77	0.006	0.32	0.3	0.03	3.5	0.3	0.29	1	<0.5	<0.2	
157.70	158.40	0.70	1068213	2.34	0.009	3.8	23.3	10.6	124	0.1	12.6	10.6	1131	2.75	46.7	10.7	4.2	184	1.2	6.1	0.1	16	3.98	0.151	32	9	1.34	233	0.001	2	0.63	0.005	0.29	<0.1	0.03	3.1	0.2	0.16	1	<0.5	<0.2	
158.40	159.30	0.90	1068214	2.26	0.575	33.1	464.8	890.7	1946	8.8	9.9	13.6	2694	5.51	354.2	519.8	5.4	127	24.7	91.3	15.3	11	2.84	0.094	11	5	0.99	34	<0.001	2	0.55	0.004	0.3	0.6	0.23	3.1	0.3	5.08	1	1.2	1.9	
159.30	160.80	1.50	1068215	5.13	0.135	10.9	107.2	351.2	549	3.1	4.3	6.7	1510	4.09	306.3	124.3	7.5	49	7.1	22.3	6.9	12	1.35	0.045	10	4	0.63	53	<0.001	3	0.53	0.005	0.37	0.2	0.21	2.6	0.4	3.22	1	<0.5	0.3	
160.80	161.70	0.90	1068216	2.1	0.064	1.3	71.2	118.7	263	1.6	3.5	5.4	1942	3.44	322.3	62.4	10.5	83	4.1	8.7	5.6	22	2.38	0.062	16	3	1.04	49	<0.001	3	0.5	0.005	0.37	0.2	0.13	4.3	0.4	1.24	1	<0.5	<0.2	
161.70	163.20	1.50	1068217	4.87	0.209	8.7	157.1	140.2	433	2.4	6.2	11.3	889	4.77	877.2	199.9	7.3	23	5.3	23.3	8	11	0.61	0.051	5	4	0.39	44	<0.001	1	0.45	0.005	0.38	0.2	0.15	1.6	0.4	4.46	1	0.6	0.2	
163.20	164.70	1.50	1068218	3.86	0.757	2	315.9	148.3	246	4.3	6.5	6.4	1487	6.02	1014.1	632.2	7	22	3.3	28.4	15.2	9	0.61	0.041	3	2	0.41	30	<0.001	1	0.33	0.004	0.28	0.2	0.11	1.8	0.3	5.81	<1	1	1.3	
		FIELD DUPLICATE	1068219	2.48	0.668	2.6	330.4	192.2	408	4.8	5.9	5.8	1748	6.51	1415.2	920	6.8	24	5.9	29.5	18.2	10	0.63	0.038	3	4	0.41	35	<0.001	2	0.38	0.005	0.32	0.2	0.15	1.8	0.4	6.27	1	0.7	1	
164.70	165.80	1.10	1068220	2.45	1.235	0.8	558	57.2	104	4.3	3.2	3.6	382	7.31	748.5	1387.7	6.8	13	1.4	29.9	16.7	11	0.33	0.045	4	2	0.27	38	<0.001	1	0.42	0.005	0.34	0.2	0.06	1.6	0.3	7.49	1	0.7	0.5	
165.80	167.25	1.45	1068221	4.17	0.551	0.3	380.2	91	108	3.4	4.8	5.3	792	5.69	618.2	554.8	8.1	24	1.4	9.8	17.8	11	0.73	0.051	5	5	0.47	41	<0.001	1	0.37	0.005	0.33	0.2	0.07	1.7	0.4	5.21	1	0.8	0.5	
167.25	168.75	1.50	1068222	5.22	0.26	0.9	90.5	85.3	166	1.3	4.8	8.3	1775	3.98	324	246.8	9.8	86	1.8	13.3	4.7	23	2.25	0.05	10	3	0.97	41	<0.001	1	0.41	0.004	0.29	0.2	0.18	3.3	0.3	2.31	1	<0.5	<0.2	
168.75	170.60	1.85	1068223	5.95	0.612	7.7	186	263.9	670	3.4	5.1	6.2	2094	3.66	1707.6	682.8	7.5	92	10.4	32.7	16.5	16	2.53	0.048	10	4	0.83	47	<0.001	3	0.45	0.004	0.3	0.3	0.2	3.2	0.4	2.34	<1	<0.5	<0.2	
		BLANK	1068224	0.7	<0.005	<0.1	1.2	1.3	14	<0.1	1.7	0.8	197	0.37	<0.5	<0.5	<0.1	38	<0.1	<0.1	<0.1	<2	22.84	0.016	<1	<1	10.6	10	<0.001	<1	0.03	0.001	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
170.60	172.45	1.85	1068225	4.84	0.903	3.3	390.4	186.8	438	4	4.7	7	5009	4.13	1319.3	963.1	8.9	67	4.7	62.9	20.1	15	2.06	0.043	12	4	0.63	43	<0.001	3	0.65	0.007	0.29	0.2	0.23	3	0.4	3.09	2	<0.5	0.3	
172.45	173.95	1.50	1068226	4.02	0.04	0.2	13.8	15.7	58	0.3	3.9	6.2	385	2.81	9.7	38.1	10.3	47	0.6	0.5	1.4	59	1.53	0.052	12	10	0.99	148	0.054	2	1.29	0.068	0.14	<0.1	<0.01	4	0.1	0.61	5	<0.5	<0.2	
173.95	175.45	1.50	1068227	3.29	0.019	0.2	5.9	6.7	47	<0.1	4	8.8	389	2.84	7.4	16.3	8.2	64	0.2	0.8	0.3	60	1.41	0.052	12	13	0.97	355	0.053	2	1.23	0.063	0.12	0.1	<0.01	3.2	<0.1	0.37	5	<0.5	<0.2	
175.45	177.05	1.60	1068228	3.74	0.164	0.2	28.8	12.3	66	0.3	4.2	7.4	459	3.35	15	138.5	8.7	57	0.3	1.1	2.3	75	1.52	0.055	12	9	0.99	154	0.058	1	1.34	0.062	0.17	0.3	<0.01	4.5	0.1	0.68	5	<0.5	<0.2	
177.05	178.55	1.50	1068229	4.12	0.104	0.5	27.1	13.8	59	0.3	4	9	537	3.25	17.3	93.6	9.1	71	0.2	2.5	2.3	61	1.79	0.053	13	9	0.98	141	0.04	1	1.35	0.052	0.25	0.1	<0.01	4.6	0.2	0.97	5	<0.5	<0.2	
178.55	180.05	1.50	1068230	5.12	0.284	0.6	91.5	38.4	87	0.8	4.3	8.9	536	3.59	45.1	336.2	9.3	72	0.8	1.9	6.9	58	1.69	0.049	13	11	0.96	90	0.016	2	1.27	0.05	0.23	0.1	<0.01	4.7	0.2	1.39	5	<0.5	<0.2	
180.05	180.95	0.90	1068231	2.76	0.125	0.3	56.7	42.2	122	0.5	4	8	448	3.56	129.3	144.3	9.8	58	1.1	1.5	2.9	67	1.3	0.048	14	12	1.01	82	0.026	1	1.43	0.067	0.21	0.2	0.01	5	0.2	1.21	5	<0.5	<0.2	
180.95	182.05	1.10	1068232	3.82	1.902	2.1	761.5	203.8	345	5.9	4.3	5.4	1516	4.7	483.7	1623.8	8.5	44	4.3	62.8	14.8	18	1.51	0.044	8	2	0.61	43	0.002	3	0.44	0.008	0.29	3.4	0.18	3	0.3	3.97	1	0.6	0.4	
		STANDARD PM1129	1068233	0.1	3.617	196.8	2348.4	75.8	90	32.5	32	22.7	625	4.34	46	3837.2	1.8	121	0.3	79.7	1.9	59	1.12	0.064	6	17	0.98	88	0.108	<1	1.64	0.115	0.2	0.3	10.67	1.8	0.1	1.77	4	0.9	18.8	0.238
182.05	183.15	1.10	1068234	4.19	0.536	0.5	174.9	153.1	256	2.4	3.5	4.4	1945	3.52	1053.2	483.5	9.5	59	3.1	9.2	12.7	15	2.1	0.042	7	2	0.76	35	<0.001	3	0.42	0.005	0.24	0.9	0.06	2.8	0.2	2.29	1	<0.5	<0.2	
183.15	184.65	1.50	1068235	4.05	0.217	0.4	19.3	26.3	65	0.6	3.8	7.5	352	3.57	12.6	1086.8	9.3	56	0.4	0.8	6.8	48	1.7	0.049	12	8	0.96	43	0.018	2	1.27	0.044	0.15	<0.1	<0.01	3.8	0.2	1.73	5	<0.5	<0.2	
184.65	186.15	1.50	1068236	4.69	0.029	0.3	7.3	11.3	51	0.2	4.4	8.1	371	3.16	5.6	16	10.2	57	0.2	0.6	1	57	1.62	0.059	13	10	1.07	78	0.053	2	1.22	0.055	0.14	0.2	<0.01	4.3	0.1	1.09	5	<0.5	<0.2	
186.15	187.65	1.50	1068237	5.29	0.052	0.2	26	26.5	87	0.4	3.7	4.6	352	2.92	7.1	45.5	8.4	53	1.1	0.8	2.3	50	1.65	0.049	11	8	0.95	47	0.012	2	1.4	0.037	0.12	<0.1	<0.01	3.9	0.1	1.03	4	<0.5	<0.2	
187.65	189.15	1.50	1068238	3.76	0.277	0.3	84.3	36.6	85	0.7	3.5	7.1	659	3.15	56.2	234.9	9.4	61	0.9	6.2	4.2	34	1.96	0.057	16	4	0.6	31	0.002	2	0.68	0.003	0.18	0.2	0.03	5.8	0.2	1.6	2	<0.5	<0.2	
189.15	190.65	1.50	1068239	4.23	0.328	1	246.9	336.5	697	3.6	4.3	6.7	1559	4.54	301.5	363	7.2	39	9	17.4	10.8	10	1.28	0.048	4	2	0.59	36	<0.001	2	0.31	0.003	0.25	0.3	0.08	2.3	0.3	3.81	<1	<0.5	0.3	
190.65	192.15	1.50	1068240	4	0.394	0.4	222.3	55.8	155	1.6	4.3	6	848	4.47	98.3	427.8	7.7	37	1.6	8.6	7.6	17	1.3	0.049	7	3	0.64	39	<0.001	2	0.36	0.004	0.26	0.2	0.05	2.7	0.2	3.19	<1	0.7	1.2	
192.15	192.90	0.75	1068241	2.63	3.287	0.4	503.4	36.2	78	2.4	3.4	3.9	570	4.04	116.1	3418.8	7.9	43	0.6	7.5	6.1	17	1.61	0.046	10	2	0.6	38	<0.001	2	0.45	0.004	0.23	0.1	0.04	2.8	0.2	2.89	1	<0.5	0.5	
		FIELD DUPLICATE	1068242	1.45	0.872	0.3	416	28.7	77	1.7	4.2	3.8	625	3.72	78.3	984.1	8.4	43	0.8	4.4	5.8	20	1.67	0.052	11	4	0.68	41	<0.001	2	0.5	0.004	0.23	0.1	0.04	3.3	0.2	2.21	1	<0.5	0.3	
192.90	194.40	1.5	1068243	4.37	0.146	0.3	22.8	9.2	55	0.2	3.8	5.4	359	2.84	5.6	134.3	7.4	45	0.3	1.1	1.6	44	1.73	0.051	11	8	0.95	98	0.005	3	1.27	0.046	0.15	<0.1	<0.01	4	0.1	0.83	4	<0.5	<0.2	
194.40	195.90	1.5	1068244	4.06	0.091	0.5	12.6	19.6	62	0.3	5.3	16.3	433	5.06	12.9	68.1	6.1	53	0.2	0.7	3	68	1.82	0.086	9	11	1.33	36	0.057	2	1.67	0.06	0.23	0.1	<0.01	4.8	0.1	3.08	6	0.6	0.2	
195.90	197.40	1.5	1068245	4.48	0.08	0.5	10.3	26.7	70	0.6	3.1	12.6	530	4.2	15.1	88.4	8.3	60	0.4	0.6	4.5	87	1.73	0.082	10	10	1.4	56	0.093	1	1.8	0.095	0.42	0.1	<0.01	5.7	0.2	1.38	6	<0.5	<0.2	
197.40	198.90	1.5	1068246	4.09	0.009	0.4	9.7	14.7	55	0.1	2.8	10.7	471	3.72	8.7	23.2	6.3	271	0.1	0.4	1	88	1.18	0.074	8	11	1.43	147	0.12	2	1.71	0.073	0.2	0.3	<0.01	4.3	0.1	0.61	6	<0.5	<0.2	
198.90	200.40	1.5	1068247	4.8	<0.005	0.4	20	11.1	56	<0.1	1.1	9.7	446	3.29	6.9	11	7.9	36	0.2	0.5	0.5	80	0.84	0.068	8	3	1.3	113	0.143	2	1.45	0.067	0.16	0.2	<0.01	3.9	<0.1	0.67	5	0.7	<0.2	
200.40	201.90	1.5	1068248	4.43	<0.005	0.5	23.7	10.5	58	0.1	2	11.4	493	3.71	6.6	31.3	5.4	43	0.2	0.4	0.9	80	1.1	0.079	8	5	1.43	83	0.123	2	1.76	0.08	0.16	0.2	<0.01	3.9	<0.1	1.1	6	0.7	<0.2	
201.90	203.40	1.5	1068249	5.17	0.007	0.7	48.6	13.6	60	0.2	8	13.5	439	3.82	8.6	14.1	6.1	37	0.2	0.4	1.5	89	0.92	0.082	6	19	1.47	76	0.146	2	1.71	0.068	0.18	0.3	<0.01	4.6	0.1	1.01	6	<0.5	<0.2	
203.40	204.55	1.15	1068250	4.19	0.009	0.8	17.1	10.8	55	0.2	7.2	17.3	406	4.26	7.9	19.5	4.9	974	0.1	0.3	1.4	88	1.35	0.078	7	17	1.34	52	0.104	2	1.69	0.088	0.21	0.1	<0.01	4.1	0.2	1.65	6	1	<0.2	
204.55	205.60	1.05	1068251	4.36	1.056	1	321.8	146.1	251	2.1	10.5	24.5	3550	7.51	599.2	1070.8	3.2	116	3.1	4.6	8.2	62	2.84	0.098	5	13	0.87	23	0.017	2	2.14	0.144	0.32	0.2	<0.01	4.3	0.4	5.57	5	0.6	1.1	
205.60	207.10	1.5	1068252	4.12	<0.005	1.1	15.6	9.1	53	0.1	6.8	15.6	427	4.04	6.4	6.9	4.9	107	0.1	0.4	1	111	1.55	0.096	7	13	1.52	117	0.163	2	2.59	0.184	0.38	0.2	<0.01	4.4	0.3	0.86	7	0.7	<0.2	
		BLANK	1068253	1.05	<0.005	<0.1	1.2	1.1	12	<0.1	<0.1	1	164	0.37	1	<0.5	<0.1	34	<0.1	<0.1	<0.1	<2	18.95	0.016	<1	<1	10.32	13	0.003	<1	0.04	0.003	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
207.10	208.60	1.5	1068254	4.58	<0.005	0.6	14.1	11	59	0.1	7	15.5	450	3.85	12.4	7.3	3.8	76	0.1	0.2	1.1	90	1.27	0.077	5	14	1.5	89	0.131	1	2.43	0.16	0.24	0.2	<0.01	4.8	0.1	1.12	7	<0.5	<0.2	
208.60	210.10	1.5	1068255	5.71	<0.005	0.3	16.5	12.5	52	0.1	2.1	11.6	380	3.68	11.4	8.9	3.2	37	0.2	0.2	0.9	69	0.97	0.089	6	2	1.16	75	0.142	1	1.63	0.066	0.2	0.2	<0.01	4.5	0.1	1.2	5	<0.5	<0.2	
210.10	211.60	1.5	1068256	5.73	<0.005	0.9	13.8	9.4	49	<0.1	3.5	14.3	389	3.76	8.6	5.7	4.3	59	0.1	0.3	0.7	81	1.12	0.097	6	6	1.34	106	0.149	2	2.12	0.158	0.22	0.2	<0.01	4	0.1	0.78	6	<0.5	<0.2	
211.60	213.10	1.5	1068257	4.92	0.13	0.4	54.4	11.5	54	0.4	5.8	15.3	368	4.47	44.4	165.5	4.7	41	0.2	0.4	2.8	78	1.31	0.087	6	12	1.51	43	0.127	2	1.89	0.075	0.12	0.3	<0.01	3.5	<0.1	2.21	6	0.9	<0.2	
213.10	214.60	1.5	1068258	5.71	<0.005	1.7	34.9	5	52	0.1	8.5	22.8	407	4.47	6.2	10.3	2.5	66	<0.1	0.2	0.6	121	1.02	0.042	3	15	1.77	74	0.19	2	2.68	0.222	0.59	0.2	<0.01	8	0.4	1.23	8	<0.5	<0.2	
214.60	216.10	1.5	1068259	5.13	0.009	1	33.6	9	57	0.2	8.5	21.2	357	4.31	13.7	22.6	3.6	47	0.1	0.2	0.9	92	1.09	0.063	4	14	1.69	72


1350 RL
1300 RL
1250 RL
1200 RL
1150 RL
1100 RL
1050 RL
1000 RL
6888350 N
384900 E
6888300 N
384850 E
384800 E
6888250 N
384750 E
6888200 N
230°
ET-11-02
Dip: -44.50
EOH: 258.60m
3500
3000
2500
2000
1500
1000
580
0
ET-11-03
Dip: -59.40
EOH:309.7m
3000
2500
2000
1500
1000
500
0
Legend
1:1,500
ET-11-01, 02, 03 Collar Location
Topography
DDH Samples Au ppb
Alteration Assemblage
Code
2A - Strong Limonite Alteration
3A - Phylic Alteration
5A - Propolytic Alteration
Lithologic Units
Code
Br - Breccia
FP - Feldspar Porphy
QL - Quartz Latite
Gd - Granodiorite
Fault Line
Great Bear Resources
Etzel Property
Drill Holes ET-11-02, 03
230° South East-Facing Cross Section
November, 2011
NAD83Z8N
NTS 115I/03
Coast Mountain Geological Ltd.

Etzel Project
DDH ET-11-03
Drill Log Summary

Hole Id: **ET-11-03**

Property: **Etzel**
Area:
Client: **Great Bear Resources**

Logged By: **Chris Amy**
Date Logged: **Sept/21/2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83		
Easting:	384903	Azimuth:	229.2
Northing:	6888338	Dip:	-59.4
Elevation:	1298	Length:	309.67

Proposed:

Easting:	384903	Azimuth:	230
Northing:	6888338	Dip:	-60
Elevation:	1298	Length:	350

Survey Type: **Ranger Single Shot**

Distance	Azi	Dip	Accept
23.78	229.2	-59.4	
106.10	231.4	-59.8	
160.98	231.5	-59.4	
206.71	231.1	-58.9	
252.44	231.7	-58.4	
289.02	231.8	-57.8	

Drilling Information:

Contractor:	**Strike Drilling**
Core Diameter:	**HQ**
Start Date:	**Sept/17/2011**
End Date:	**Sept/21/2011**
Casing In:	**NO**
Casing Capped:	**NA**
Units:	**Imperial**

Hole Objective: Test the downward extent of gold values recovered from historic trenching, and to test the downward trend or mineralization and alteration found in hole ET-11-02.

Lithology Summary

From	To	Lith	Comment
0.00	**2.90**	**10**	**Overburden**
2.90	**309.67**	**1**	**Granodiorite**

Hole Summary: The hole stayed within granodiorite through out its entire extent. Relatively unaltered granodiorite is grey green, medium to coarse grained, with 30% quartz, and 10% faint pink potassium feldspar. Three major alteration assemblages were recorded. Strong pervasive limonite oxidation found through out the upper 28.30m of the hole, and then alternating 1-40m wide zones of Propylitic alteration: with moderate disseminated chlorite alteration, weak disseminated epidote, areas with weak disseminated magnetite, and 0.1-1% disseminated pyrite, and Phylic alteration: with pervasive pale grey green sericite alteration, and 0.1-2% disseminated, blebby, and fracture filling pyrite. Zone of brecciated granodiorite from 177.55-179.20m. Breccia contains 10% disseminated, blebby, and stringer pyrite, and 1% blebby black sphalerite, within silicified matrix. Highest mineralization concentrations are associated with zones of phylic alteration. Zone of shearing from 89.75-90.45m with a minor 5cm wide fault along the upper contact of the shear. Contains disseminated, blebby, and stringer pyrite along shearing, with large 1-2cm wide pyrite patches which contain 1% silver grey arsenopyrite. Possible trace sphalerite within shear matrix. Zone of strongly silicified brecciated phylicly altered granodiorite at. Contains 10% disseminated, blebby, and stringer pyrite, and 1% blebby black sphalerite, within silicified matrix.

Etzel Project
DDH ET-11-03
RQD and Recovery

Hole Id: **ET-11-03**
Recorded by: **MZ**

Note: RQD (Rock Quality Designation) based on: total length of core ≥ twice the core diameter (10 cm for NQ2 core size; RQD Recovery) within an interval

From	To	Recovered	RQD Recovery	Recovery	RQD
1.00	1.83	0.80	0.00	96%	0%
1.83	4.27	2.00	0.00	82%	0%
4.27	7.01	2.39	0.40	87%	15%
7.01	9.75	2.15	0.90	78%	33%
9.75	10.97	1.16	0.12	95%	10%
10.97	14.02	2.76	0.66	90%	22%
14.02	17.06	2.79	1.56	92%	51%
17.06	19.69	1.97	0.64	75%	24%
19.69	23.04	2.97	1.43	89%	43%
23.04	26.21	3.00	2.05	95%	65%
26.21	29.26	3.01	1.53	99%	50%
29.26	32.31	2.86	1.50	94%	49%
32.31	35.36	3.00	1.55	98%	51%
35.36	38.40	2.83	0.64	93%	21%
38.40	40.23	1.80	0.97	98%	53%
40.23	43.28	2.74	0.70	90%	23%
43.28	46.33	2.95	1.27	97%	42%
46.33	49.38	2.97	2.15	97%	70%
49.38	52.42	2.99	1.93	98%	63%
52.42	55.47	3.00	1.93	98%	63%
55.47	58.52	2.95	0.24	97%	8%
58.52	61.57	2.94	1.18	96%	39%
61.57	64.62	3.02	0.75	99%	25%
64.62	67.66	2.60	1.26	86%	41%
67.66	69.49	1.77	0.12	97%	7%
69.49	71.93	2.25	1.94	92%	80%
71.93	74.98	2.67	1.90	88%	62%
74.98	78.03	2.70	2.30	89%	75%
78.03	81.07	2.80	1.55	92%	51%
81.07	83.21	1.25	0.00	58%	0%
83.21	84.12	0.80	0.16	88%	18%
84.12	86.56	2.10	1.07	86%	44%
86.56	89.61	2.98	2.02	98%	66%
89.61	90.22	0.49	0.37	80%	61%
90.22	93.27	2.97	2.70	97%	89%
93.27	96.32	2.99	2.26	98%	74%
96.32	99.36	3.01	2.40	99%	79%
99.36	102.41	3.05	2.72	100%	89%
102.41	105.46	2.95	2.62	97%	86%
105.46	108.51	2.94	2.63	96%	86%
108.51	111.56	2.70	1.21	89%	40%
111.56	114.60	2.83	1.79	93%	59%
114.60	117.65	3.01	2.69	99%	88%
117.65	120.70	2.90	1.65	95%	54%
120.70	123.75	3.05	2.73	100%	90%
123.75	126.79	2.95	2.22	97%	73%
126.79	129.84	3.05	2.68	100%	88%
129.84	132.89	2.96	2.45	97%	80%
132.89	135.94	2.83	1.79	93%	59%
135.94	138.99	2.94	1.57	96%	51%
138.99	142.03	2.94	1.83	97%	60%
142.03	145.08	3.03	2.59	99%	85%
145.08	148.13	2.94	2.42	96%	79%
148.13	151.18	2.70	1.17	89%	38%
151.18	154.23	2.78	1.21	91%	40%
154.23	157.28	2.63	1.24	86%	41%
157.28	160.32	2.72	1.20	89%	39%
160.32	163.37	2.90	0.27	95%	9%
163.37	166.42	2.83	1.15	93%	38%
166.42	169.47	2.90	2.02	95%	66%
169.47	172.52	2.96	2.48	97%	81%

Etzel Project
DDH ET-11-03
RQD and Recovery

From	To	Recovered	RQD Recovery	Recovery	RQD
172.52	175.56	2.82	1.61	93%	53%
175.56	178.61	2.80	1.51	92%	50%
178.61	181.66	3.00	0.82	98%	27%
181.66	184.71	2.83	1.73	93%	57%
184.71	187.75	2.74	1.00	90%	33%
187.75	190.80	2.70	0.28	89%	9%
190.80	193.24	2.00	0.17	82%	7%
193.24	196.29	2.89	1.65	95%	54%
196.29	199.34	3.05	3.00	100%	98%
199.34	201.47	2.10	1.40	99%	66%
201.47	202.99	1.51	1.36	99%	89%
202.99	204.22	0.90	0.50	73%	41%
204.22	207.26	2.69	1.47	88%	48%
207.26	210.31	2.55	0.43	84%	14%
210.31	212.32	1.85	0.00	92%	0%
212.32	215.19	2.55	0.89	89%	31%
215.19	218.24	2.95	1.53	97%	50%
218.24	221.28	3.02	2.79	99%	92%
221.28	222.81	1.20	0.00	78%	0%
222.81	225.25	2.24	0.64	92%	26%
225.25	228.29	2.80	1.75	92%	58%
228.29	231.34	2.50	0.67	82%	22%
231.34	233.47	1.95	0.86	92%	40%
233.47	236.52	2.98	1.37	98%	45%
236.52	239.57	2.99	1.98	98%	65%
239.57	242.62	2.99	2.15	98%	70%
242.62	245.67	2.87	1.13	94%	37%
245.67	248.72	2.65	0.81	87%	27%
248.72	251.76	3.04	1.89	100%	62%
251.76	254.81	2.94	2.44	96%	80%
254.81	257.86	2.73	2.17	90%	71%
257.86	260.91	3.99	1.98	131%	65%
260.91	263.95	2.90	1.60	95%	53%
263.95	267.00	2.90	1.56	95%	51%
267.00	270.05	2.66	1.08	87%	35%
270.05	273.10	3.05	1.78	100%	58%
273.10	276.15	2.96	2.18	97%	71%
276.15	279.19	2.88	1.54	95%	51%
279.19	282.24	2.90	1.68	95%	55%
282.24	285.29	2.95	0.56	97%	18%
285.29	288.34	2.75	0.15	90%	5%
288.34	291.39	2.95	1.06	97%	35%
291.39	294.44	2.87	1.09	94%	36%
294.44	297.48	2.85	1.37	94%	45%
297.48	300.53	2.88	1.06	94%	35%
300.53	303.58	2.85	0.47	93%	15%
303.58	305.41	1.15	0.00	63%	0%
305.41	308.15	2.00	0.31	73%	11%
308.15	309.67	1.40	0.00	92%	0%
	EOH				

Etzel Project
DDH ET-11-03 Detailed Description

Primary Intervals		Secondary Intervals		Lith	Lithology	Description
From	To	From	To	Code		
0.00	2.90			10	Overburdon	Orange, limonite oxidized, clay, sand, and cm sized rock fragments.
2.90	8.70			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ str lim alt along fracs at 15-40^{o} tca. Xtl boundaries are blurred. Resembles propylitic alt. Lower 20cm grades into str-intense lim ox. Lower alt contact at 35^{o} tca. (Hand Sample 7.95-8.05m)
8.70	10.97			2		Orange tan, perv str lim and clay alt granodiorite. Limonite and clay has altered matrix, and stained flds orange. Qtz phenos remain un-effected. Core is very broken up and rubbly. Sharp upper and lower contacts at 35^{o} tca.
10.97	13.20			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ str lim alt along fracs at 40^{o} tca. Xtl boundaries are blurred. Resembles propylitic alt. Lower alt contact at 25^{o} tca.
13.20	14.35			2	Granodiorite	Orange tan, perv str lim and clay alt granodiorite. Limonite has altered matrix, and stained flds orange. Qtz phenos remain un-effected. Core is very broken up w/ few 20cm zones of sand and rubbly. Sharp upper and lower contacts at 25^{o} tca.
14.35	17.45			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ str lim alt along fracs at 40^{o} tca. Xtl boundaries are blurred. Resembles propylitic alt. Alt contact at ~50^{o} tca.
17.45	20.55			2	Granodiorite	Orange tan, perv str lim and clay alt granodiorite. Limonite has altered matrix, and stained flds orange. Some areas w/ dark manganese ox along fracs. Qtz phenos remain un-effected. Core is very broken up w/ few 20cm zones of sand and rubble. Sharp upper and lower contacts at 50^{o} tca.
20.55	24.85			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ str lim alt along fracs at 40-50^{o} tca. Xtl boundaries are blurred. Resembles propylitic alt. Sharp upper and lower alt contact at 50^{o} and 30^{o} tca respectively.
24.85	28.30			2	Granodiorite	Orange tan, perv str lim and mod clay alt granodiorite. Limonite has altered matrix, and stained flds orange. Some areas w/ dark manganese ox along fracs. Qtz phenos remain un-effected. Core is coherent w/ few 20cm zones of sand and rubble. Sharp upper and lower contacts at 30^{o} and 60^{o} tca respectively. (Hand Sample 27.00-27.10m)
28.30	37.85			3	Granodiorite	Grey and orange, str perv pale grey/green ser and clay alt of matrix and flds. Areas w/ mod diss green chl alt. Wk lim alt along fracs at 30-50^{o} tca. From 34.65-37.85m core is very broken up and rubbly. Qtz phenos remain. Becoming more phylicly altered. (Hand Sample 32.35-32.45m)
		28.30	28.90			Epi, chl propylitic alt grades into more ser altered phylic type alteration.
		31.00	31.50			Fault at 40^{o} tca w/ coherent gouge composed of lim ox clay and mm-cm angular rock fragments.
37.85	44.25			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite. Xtl boundaries are blurred. Resembles propylitic alt. From 37.85-39.35m and 42.35-44.25m core is very broken up, w/ 10-20cm zones of sand and rock fragments. Mod sharp lower alt contact at 60^{o} tca. (Hand Sample 42.25-42.35m)
44.25	53.15			3	Granodiorite	Grey, str perv pale grey/green ser and clay alt of matrix and flds. Mod diss green chl alt from 48.50-49.10m. Wk lim alt along fracs at 20^{o} tca from 44.25-45.30m. Qtz phenos remain. Becoming more phylicly altered. Sharp lower contact at 30^{o} tca. (Hand Sample 52.00-52.10m)
		45.90	46.50			Zone w/ 5% diss, blebby py, around a pale cream coloured 1-2cm wide qtz, cal veinlet at 10^{o} tca within a zone of strong silicification. 1cm wide py band along one side of cream coloured veinlet.
		50.50	51.15			Minor fault at 15^{o} tca w/ coherent dark grey manganese oxide? clay gouge w/ 10% diss and blebby py in and around the fault.

Etzel Project
DDH ET-11-03 Detailed Description

Primary Intervals		Secondary Intervals		Lith	Lithology	Description
From	To	From	To	Code		
53.15	86.55			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ 0.1% mm biotite xlts. Sharp xtl boundaries, some areas w/ blurred xlt boundaries. Areas resemble propylitic alt. Contains 1% cm rounded dark green fg clasts. Sharp upper contact at 30° tca, and faulted lower contact at ~25° tca. Few dark grey/black magnetite stringers at 20, 40° tca. (Hand Sample 70.60-70.75m)
			63.25			qtz, cal, py veinlet at 20° tca. Red brown hem along fracture paralleling veinlet. (Hand Sample 63.10-63.25m)
		66.80	68.90			Area of very broken up core. Possible fault zone. Minor clay gouge along surfaces at 15° tca.
			78.50			pyrite stringer at 15° tca. Increased epi alt around stringer.
		80.50	84.55			Very broken up and clay altered fault zone. Coherent gouge composed of clay and cm angular rock fragments. Fault at 20-30° tca.
		85.85	86.55			Very broken up and clay altered fault zone. lose gouge composed of clay and cm angular rock fragments. Fault at ~30° tca.
86.55	91.55			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds. Qtz phenos remain. Resembles phylic alt. Faulted upper alt contact at ~20° tca, Sharp/minor faulted lower alt contact at 50° tca. (Hand Sample 88.70-88.80m)
		89.75	90.45			Zone of strong shearing? at 20° tca w/ 1-2cm wide, elongate white ser/clay alt GD clasts along shearing in an aphanitic dark grey/black matrix w/ patchy silicification. Contains diss, blebby, and stringer py along shearing. Large 1-2cm wide py patches contains 1% silver grey arsenopyrite. Possible trace sph with matrix. Minor fault 5cm wide along upper contact of shear, w/ clay gouge. (Hand Sample 90.22-90.50m)
91.55	108.95			5	Granodiorite	Grey green, m-cg, wk to no diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ 1% mm biotite xlts. Xtl boundaries are blurred. Resemble propylitic alt. Contains 1% cm rounded dark green fg clasts. Sharp lower alt contact at 40° tca. (Hand Sample 106.10-106.20m)
			96.30			2cm wide black magnetite>silica veinlet at 40° tca.
		106.90	107.70			Zone of grey phylic alt w/ str perv pale grey/green ser alt matrix and flds. 10cm patch of diss red hem? alt at 107.00m. Sharp alt contacts at 50° tca.
108.95	122.15			3		Grey and pale green, str perv pale grey/green ser and clay alt of matrix and flds. Qtz phenos remain. Resembles phylic alt. Sharp upper alt contact at 40° tca, minor faulted lower alt contact at 25° tca. (Hand Sample 117.30-117.40m)
		112.75	113.90			Silica healed fault breccia w/ angular cm sized clasts of GD. 1cm wide py band at 112.90m, at 50° tca. 3cm wide black silica vein w/ 5% fine diss py at 113.20m, at 20° tca.
		120.00	120.75			Zone of propylitic alt w/ alt contacts at 60° tca.
		121.05	122.15			Zone of mod perv silicified phylic alt
			121.85			Minor fault at 30° tca w/ 1cm lose clay gouge
			122.00			5cm wide quartz latite dyke at 50° tca. Offset by minor fault above.
			122.15			Minor fault at 30° tca w/ 1cm lose clay gouge
122.15	141.30			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ 1% mm biotite xlts. Xtl boundaries are blurred. Resemble propylitic alt. Gradational lower alt contact from 138.55-141.30, grades between propylitic and phylic alt. (Hand Sample 130.20-130.30m)
			133.65			20cm of lose clay and rock fragment fault gouge, at ~15° tca.
			134.70			20cm of lose clay and rock fragment fault gouge, at ~15° tca.
141.30	145.10			3	Granodiorite	Grey and pale green, str perv pale grey/green ser and clay alt of matrix and flds. Qtz phenos remain. Resembles phylic alt. Gradational upper alt contact, and sharp lower alt contact at 50° tca.

Etzel Project
DDH ET-11-03 Detailed Description

Primary Intervals		Secondary Intervals		Lith	Lithology	Description
From	To	From	To	Code		
			142.20			si, py, sph stringer at 15° tca.
145.10	151.85			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ 1% mm biotite xlts. Xtl boundaries are blurred. Resemble propylitic alt. Fault zone at base from 149.65-151.85m, at ~10-20° tca w/ coherent clay gouge and cm sized angular rock fragments.
151.85	161.30			3	Granodiorite	Grey and pale green, str perv pale grey/green ser and clay alt of matrix and flds. Qtz phenos remain. Resembles phylic alt. Sharp lower alt contact at 50° tca. (Hand Sample 160.50-160.60m)
		153.45	156.40			Fault zone at ~25° tca w/ gouge composed of coherent clay and cm angular rock fragments.
		157.80	159.65			Fault zone at ~30° tca w/ gouge composed of coherent clay and cm angular rock fragments. 1-2cm wide band of py w/ tr cpy at 10° tca, at 158.75m.
161.30	169.45			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, 10% faint pink Kspar, granodiorite w/ 1% mm biotite xlts. Xtl boundaries are blurred. Resemble propylitic alt. (Hand Sample 168.10-168.20m)
		161.30	164.45			Fault zone at 20-40° tca w/ coherent clay gouge and cm sized angular rock fragments.
			167.80			10cm wide tan quartz latite dyke? at 45° tca.
169.45	181.40			3	Granodiorite	Grey and pale green, str perv pale grey/green ser and clay alt of matrix and flds. Qtz phenos remain. Resembles phylic alt. Sharp alt contacts at 50° tca. (Hand Sample 174.15-174.35m)
			171.10			Py stringer at 10° tca. Blebby py, and band of very fine py.
			174.15			20cm wide zone of tan str silicified and ser altered GD at 50° tca.
		177.55	179.20	6	Breccia	Zone of strongly silicified brecciated phylicly altered GD at 25° tca. Contains 10% diss, blebby, and stringer py, and 1% blebby black sph, within silicified matrix. (Hand Sample 178.15-178.55m)
181.40	232.30			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, Kspar, granodiorite w/ 1% mm biotite xlts. Xtl boundaries are blurred. Resemble propylitic alt. Areas of perv wk-mod ser alt. Gradational and faulted lower contact. (Hand Sample 196.30-196.40m, 225.25-225.40m)
		187.40	188.70			Zone of very broken up core.
		188.70	195.00			Grades in and out of more ser alt phylic alt GD within a very broken up, rubbly, fault zone at ~15° tca w/ coherent gouge composed of clay and cm angular rock fragments.
		207.70	212.90			Fault zone at ~15° tca w/ lose gouge composed of clay and cm sized angular rock fragments.
		212.90	213.95			Zone of perv ser alt, and patchy silicification.
		212.30	226.50			Fault zone at 5-20° tca w/ lose gouge composed of clay and cm sized angular rock fragments.
		228.40	232.30			Fault zone at 20° tca w/ very broken up core, lose gouge composed of clay and cm sized angular rock fragments.
232.30	236.90			3	Granodiorite	Grey and pale green, str perv pale grey/green ser alt of matrix and flds. Wk diss chl alt. Qtz phenos remain. Resembles phylic alt.

Etzel Project
DDH ET-11-03 Detailed Description

Primary Intervals		Secondary Intervals		Lith	Lithology	Description
From	To	From	To	Code		
236.90	239.45			5	Granodiorite	Grey green, m-cg, wk diss epi, and mod diss chl alt, qtz, Kspar, granodiorite. Xtl boundaries are blurred. Resemble propylitic alt. Areas of perv wk-mod ser alt. Sharp upper and lower contacts at 30° and 15° tca respectively.
239.45	309.67			3<5	Granodiorite	Grey green, and pale grey green, m-cg, Grades in and out of areas mod ser alt of matrix and flds, wk-mod diss chl, areas w/ wk diss epi, patchy wk silicification. Xtl boundaries are blurred. Diss and stringer pyrite are concentrated in areas of str ser. Zone appears to be caught between propylitic and phylic alteration as it contains alteration minerals from both assemblages. Appearance may be due to presence of wk-mod silicification. At ~262.45m grades into more of a propylitic alt zone. (Hand Sample 252.85-253.00m, 270.30-270.40m, 288.90-289.00m, 302.05-302.15m)
			242.85			Py stringer at 15° tca in within a halo of silica ser alt.
			244.25			Py stringer at 10° tca
			245.55			Py stringer at 15° tca in within a halo of silica ser alt.
		250.20	260.95			contains 5-10% diss, blebby and stringer/veinlet py. 1cm wide py veinlets at 0-5° tca within 1-2cm wide silica halo. Py is focused within zones of wk-mod silicification and ser alt. Trace blebby cpy at 260.00m in a 1-2cm wide irregular silica>ser band at ~20° tca.
		272.00	273.30			Py stringer at 10° tca
		273.30	274.00			Zone of mod perv silica and ser alt w/ 10% fine diss py w/ gradational alt contacts
		274.00	275.10			Py stringer at 10° tca, w/ trace cpy visible at 274.00m
		280.80	302.35			Core is very broken up, w/ 4 main fault zones at: 282.30m: 20cm of lose clay and rock fragment gouge at 25° tca, 287.60m: 1.20m of lose clay and rock fragment gouge at ~30° tca, 293.40m: 1.00m, of lose clay and rock fragment gouge at 10° tca, and 300.00m: 1.00m of lose clay and rock fragment gouge at 10-20° tca.
			280.70			1cm wide irreg chl filled fracturing.
		292.80	294.00			Dark grey black feldspar porphyry w/ 10% flds phenos. Sharp faulted contacts at 10° tca. (Hand Sample 293.45-293.55m)
		298.80	300.50			Zone of grey green, str ser alt w/ irreg alt contacts. 1cm wide qtz<cal, py veinlet runs through the interval at 0-10° tca.
		302.35	309.67			Major fault zone w/ coherent gouge composed of clay and mm-cm angular rock fragments. Upper contact at 60° tca. Hole ended within fault. At 306.30m cal vein 3cm wide at 35° tca.
309.67	EOH					

Etzel Project
DDH ET-11-03 Intervals and Attributes

Interval				Lithology		Mineralization						Alteration										Veining				Brecciation					Fracture	Structure					
From	To	Width	Sample	Code	Lithology	Py%	Cp%	Sph	Gal	Ars	Mnzn Style	Si	Ser	Cal	Lim	Hem	Mag	Chl	Epi	Alb	Cly	Altn Style	Assemblage	Width	% Int	Orient	Clasts	% Clasts	Rounding	Matrix	Intensity	Intensity	Ft	Fr	Ct	Bd	Shr	Fol
2.90	4.40	1.50	**1068294**	**5**	Granodiorite	0.1					diss			1	4						4	perv									5						
4.40	5.90	1.50	**1068295**	**5**	Granodiorite	0.1					diss			1	3			1	1			diss, perv															
5.90	7.40	1.50	**1068296**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv									3		15,50				
7.40	8.70	1.30	**1068297**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv															
8.70	9.75	1.05	**1068298**	**2**	Granodiorite										5						3	perv									5		65				
9.75	10.97	1.22	**1068299**	**2**	Granodiorite										5						3	perv															
10.97	12.05	1.08	**1068300**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv									4		20				
		BLANK	**1068301**																																		
12.05	13.20	1.15	**1068302**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv															
13.20	14.35	1.15	**1068303**	**2**	Granodiorite									1	4						4	perv									4		50				
14.35	15.85	1.50	**1068304**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv															
15.85	17.45	1.60	**1068305**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv									3		40,55				
17.45	18.85	1.40	**1068306**	2	Granodiorite										4						4	perv															
18.85	20.55	1.70	**1068307**	**2**	Granodiorite										4						4	perv									5		40				
20.55	22.05	1.50	**1068308**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv															
22.05	23.55	1.50	**1068309**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv									3		60				
		STANDARD PM436	**1068310**																																		
23.55	24.85	1.30	**1068311**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv															
24.85	26.35	1.50	**1068312**	**2**	Granodiorite										4						3	perv									3		10,40				
26.35	28.30	1.95	**1068313**	**2**	Granodiorite	0.1					diss				4						3	perv															
28.30	29.80	1.50	**1068314**	**3**	Granodiorite	0.1					diss		3	1	2		1	2	1			diss, perv									3		60				
29.80	31.00	1.20	**1068315**	**3**	Granodiorite	1					diss		4	1	2							perv															
31.00	32.50	1.50	**1068316**	**3**	Granodiorite	1					diss		4		2							perv									3		35				
32.50	34.00	1.50	**1068317**	**3**	Granodiorite	0.1					diss		4		2							perv															
34.00	35.50	1.50	**1068318**	**3**	Granodiorite	0.1					diss		4		2			2				diss, perv	qtz, py	1	1	10						4		40				
		FIELD DUPLICATE	**1068319**																																		
35.50	37.00	1.50	**1068320**	**3**	Granodiorite	0.1					diss		4	1	2			2				diss, perv															
37.00	37.85	0.85	**1068321**	**3**	Granodiorite	0.1					diss		4	1	2		1	2				diss, perv									4		40				
37.85	39.35	1.50	**1068322**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv															
39.35	40.85	1.50	**1068323**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv									3		20,50				
		BLANK	**1068324**																																		
40.85	42.35	1.50	**1068325**	**5**	Granodiorite	0.1					diss			1	2		1	3	1			diss, perv															
42.35	44.25	1.90	**1068326**	**5**	Granodiorite	0.1					diss			1	1		1	3	1			diss, perv									4		25,40				
44.25	45.75	1.50	**1068327**	**3**	Granodiorite	0.1					diss		4	1	1			1				perv															
45.75	47.25	1.50	**1068328**	**3**	Granodiorite	10					diss	1	4									perv	qtz, cal, py	2	5	10						3		40				
47.25	48.75	1.50	**1068329**	**3**	Granodiorite	1					diss		4	1		1		2				perv															
48.75	50.25	1.50	**1068330**	**3**	Granodiorite	1					diss		4	1				2				perv									3		30				
50.25	51.75	1.50	**1068331**	**3**	Granodiorite	10					diss		4									perv										15					
51.75	53.15	1.40	**1068332**	**3**	Granodiorite	0.1					diss		4	1								perv									3		30				
		STANDARD PM1129	**1068333**																																		
53.15	54.65	1.50	**1068334**	**5**	Granodiorite	1					diss			1			1	3	1			diss															
54.65	56.15	1.50	**1068335**	**5**	Granodiorite	1					diss			1		1		3	1			diss									4		40				
56.15	57.65	1.50	**1068336**	**5**	Granodiorite	1					diss			1		1	1	3	1			diss															
57.65	59.15	1.50	**1068337**	**5**	Granodiorite	1					diss			1		1		3	1			diss									4		30				
59.15	60.65	1.50	**1068338**	**5**	Granodiorite	0.1					diss		1	1		1		3	1			diss															
60.65	62.15	1.50	**1068339**	**5**	Granodiorite	1					diss			1		1	1	3	1			diss									3		30				
62.15	63.65	1.50	**1068340**	**5**	Granodiorite	1					diss		1	1		1		3	1			diss															
63.65	64.85	1.20	**1068341**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									4		70				
		FIELD DUPLICATE	**1068342**																																		
64.85	65.80	0.95	**1068343**	**5**	Granodiorite	0.1					diss		1	1		1		3	1			diss															
65.80	66.80	1.00	**1068344**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		60				
66.80	67.80	1.00	**1068345**	**5**	Granodiorite	1					diss			1		1		3	1			diss										15					
67.80	68.90	1.10	**1068346**	**5**	Granodiorite	0.1					diss		1	1				3	1			diss									4	15	50				
68.90	70.40	1.50	**1068347**	**5**	Granodiorite	0.1					diss			1			1	3	2			diss															
70.40	71.90	1.50	**1068348**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		20,40				
71.90	73.40	1.50	**1068349**	**5**	Granodiorite	0.1					diss		1	1				3	1			diss															
73.40	74.90	1.50	**1068350**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		40				
74.90	76.40	1.50	**1068351**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss															
76.40	77.90	1.50	**1068352**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		65				
		BLANK	**1068353**																																		
77.90	79.40	1.50	**1068354**	**5**	Granodiorite	0.1					diss	1		1			1	3	1			diss															
79.40	80.50	1.10	**1068355**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		50				
80.50	82.00	1.50	**1068356**	**5**	Granodiorite	0.1					diss							2			3	perv										20					
82.00	83.50	1.50	**1068357**	**5**	Granodiorite	0.1					diss							2			3	perv									5	20	40				
83.50	84.55	1.05	**1068358**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss										30					
84.55	85.85	1.30	**1068359**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		50				
85.85	86.55	0.70	**1068360**	**5**	Granodiorite	0.1					diss		2	1			1	3	1			diss										30					
86.55	87.45	0.90	**1068361**	**3**	Granodiorite	0.1					diss		4									perv									3		20				
		STANDARD PM436	**1068362**								diss																											
87.45	88.55	1.10	**1068363**	**3**	Granodiorite	0.1					diss		4									perv															
88.55	89.75	1.20	**1068364**	**3**	Granodiorite	0.1					diss		4									perv									3	20	50				
89.75	90.45	0.70	**1068365**	**3**	Granodiorite	10		.1?		1	diss, stringer	1	1									patchy															
90.45	91.55	1.10	**1068366**	**3**	Granodiorite	5					diss		4									perv									3		30				
91.55	93.05	1.50	**1068367**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss															
93.05	94.55	1.50	**1068368**	**5**	Granodiorite	0.1					diss	2		1		1	1	3	1			diss									3		30				
94.55	96.05	1.50	**1068369**	**5**	Granodiorite	0.1					diss	2		1			1	3	1			diss															

Etzel Project
DDH ET-11-03 Intervals and Attributes

Interval				Lithology		Mineralization						Alteration										Veining				Brecciation					Fracture	Structure					
From	To	Width	Sample	Code	Lithology	Py%	Cp%	Sph	Gal	Ars	Mnzn Style	Si	Ser	Cal	Lim	Hem	Mag	Chl	Epi	Alb	Cly	Altn Style	Assemblage	Width	% Int	Orient	Clasts	% Clasts	Rounding	Matrix	Intensity	Intensity	Ft	Fr	Ct	Bd	Shr	Fol
96.05	97.55	1.50	**1068370**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		50				
		FIELD DUPLICATE	**1068371**																																		
97.55	99.05	1.50	**1068372**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss															
99.05	100.55	1.50	**1068373**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		35				
100.55	102.05	1.50	**1068374**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss															
102.05	103.55	1.50	**1068375**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		60				
103.55	105.05	1.50	**1068376**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss															
105.05	106.90	1.85	**1068377**	**5**	Granodiorite	0.1					diss	1		1			1	3	1			diss									3		60				
106.90	107.70	0.80	**1068378**	**3**	Granodiorite	0.1					diss		4									perv															
107.70	108.95	1.25	**1068379**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss									3		30,60				
108.95	110.45	1.50	**1068380**	**3**	Granodiorite	0.1					diss		4									perv															
		BLANK	**1068381**																																		
110.45	111.95	1.50	**1068382**	**3**	Granodiorite	0.1					diss		4									perv									3		40				
111.95	112.75	0.80	**1068383**	**3**	Granodiorite	1					diss		4									perv															
112.75	113.90	1.15	**1068384**	**3**	Granodiorite	5					diss		4									perv									4		30				
113.90	115.50	1.60	**1068385**	**3**	Granodiorite	0.1					diss		3	1							3	perv															
115.50	117.00	1.50	**1068386**	**3**	Granodiorite	0.1					diss		3	1			1	3	1			diss, perv									3		60				
117.00	118.50	1.50	**1068387**	**3**	Granodiorite	0.1					diss		2								3	perv															
118.50	120.00	1.50	**1068388**	**3**	Granodiorite	0.1					diss		2								3	perv									3		15,30				
120.00	120.75	0.75	**1068389**	**3**	Granodiorite	0.1					diss		4	1								perv															
		STANDARD PM1129	**1068390**																																		
120.75	122.15	1.40	**1068391**	**3**	Granodiorite	1					diss		3	1							3	perv									3		30,60				
122.15	123.65	1.50	**1068392**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv															
123.65	125.15	1.50	**1068393**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv									3		15,50				
125.15	126.65	1.50	**1068394**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv															
126.65	128.15	1.50	**1068395**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv									3		60				
128.15	129.65	1.50	**1068396**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv															
129.65	131.15	1.50	**1068397**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv									3		25,60				
131.15	132.65	1.50	**1068398**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv															
132.65	134.15	1.50	**1068399**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv									3		45				
134.15	135.65	1.50	**1068400**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv															
		BLANK	**1068401**																																		
135.65	137.15	1.50	**1068402**	**5**	Granodiorite	1					diss			1			1	3	1			diss, perv									3		50				
137.15	138.55	1.40	**1068403**	**5**	Granodiorite	1					diss			1			1	3	1			diss, perv															
138.55	140.00	1.45	**1068404**	**5**	Granodiorite	0.1					diss		3	1			1	3	1			diss, perv									3		30				
140.00	141.30	1.30	**1068405**	**5**	Granodiorite	0.1					diss		2	1			1	3	1			diss, perv															
141.30	142.80	1.50	**1068406**	**3**	Granodiorite	1		0.1			diss, stringer		4					2				perv									3		40				
142.80	144.30	1.50	**1068407**	**3**	Granodiorite	0.1					diss		4								2	perv															
144.30	145.10	0.80	**1068408**	**3**	Granodiorite	0.1					diss		4								2	perv									3		65				
145.10	146.60	1.50	**1068409**	**5**	Granodiorite	0.1					diss	2		1			1	3	1			diss, perv															
		STANDARD PM436	**1068410**																																		
146.60	148.13	1.53	**1068411**	**5**	Granodiorite	0.1					diss	2		1			1	3	1			diss, perv									3		45				
148.13	149.65	1.52	**1068412**	**5**	Granodiorite	0.1					diss		2	1			1	3	1			diss, perv															
149.65	151.18	1.53	**1068413**	**5**	Granodiorite	0.1					diss		1	1			1	3	1			diss, perv									4		10				
151.18	152.70	1.52	**1068414**	**3**	Granodiorite	1					diss		4								1	perv															
152.70	153.45	0.75	**1068415**	**3**	Granodiorite	0.1					diss		4									perv									3		50				
153.45	154.95	1.50	**1068416**	**3**	Granodiorite	0.1					diss		4					1				perv										15					
154.95	156.40	1.45	**1068417**	**3**	Granodiorite	1					diss		4					1				perv									4	15	40				
156.40	157.80	1.40	**1068418**	**3**	Granodiorite	2					diss, stringer		4									perv															
		FIELD DUPLICATE	**1068419**																																		
157.80	159.65	1.85	**1068420**	**3**	Granodiorite	5					diss, stringer, ba		4									perv									4	25	30				
159.65	161.30	1.65	**1068421**	**3**	Granodiorite	1					diss		4								1	perv															
161.30	162.95	1.65	**1068422**	**5**	Granodiorite	0.1					diss	2		1				3	1			diss, perv									4	30	55				
162.95	164.45	1.50	**1068423**	**5**	Granodiorite	0.1					diss	2	1	1				3	1			diss, perv										30					
		BLANK	**1068424**																																		
164.45	165.95	1.50	**1068425**	**5**	Granodiorite	0.1					diss	2		1			1	3	1			diss, perv									3		50				
165.95	167.45	1.50	**1068426**	**5**	Granodiorite	0.1					diss	2	1	1			1	3	1			diss, perv															
167.45	169.45	2.00	**1068427**	**5**	Granodiorite	0.1					diss	2		1			1	3	1			diss, perv									3		50,65				
169.45	170.95	1.50	**1068428**	**3**	Granodiorite	1					diss	1	4									perv															
170.95	172.45	1.50	**1068429**	**3**	Granodiorite	1					diss		4									perv									3		60				
172.45	173.95	1.50	**1068430**	**3**	Granodiorite	0.1					diss		3					3				perv															
173.95	175.55	1.60	**1068431**	**3**	Granodiorite	0.1					diss	2	4									perv									3		65				
175.55	177.55	2.00	**1068432**	**3**	Granodiorite	1					diss		4								2	perv															
		STANDARD PM1129	**1068433**																																		
177.55	179.20	1.65	**1068434**	**6**	Granodiorite	10		1			diss, blebby,	3	1	1								perv									3		30				
179.20	180.30	1.10	**1068435**	**3**	Granodiorite	0.1					diss		4								2	perv															
180.30	181.40	1.10	**1068436**	**3**	Granodiorite	0.1					diss		4								2	perv									4		60				
181.40	182.90	1.50	**1068437**	**5**	Granodiorite	1					diss	3		1			1	3	1			diss, perv															
182.90	184.40	1.50	**1068438**	**5**	Granodiorite	1					diss			1			1	3	1			diss, perv									3		60				
184.40	185.90	1.50	**1068439**	**5**	Granodiorite	1					diss	2	1	1			1	3	1			diss, perv															
185.90	187.40	1.50	**1068440**	**5**	Granodiorite	1					diss			1			1	3	1			diss, perv									4		50				
187.40	188.70	1.30	**1068441**	**5**	Granodiorite	1					diss			1			1	3	1			diss, perv															
		FIELD DUPLICATE	**1068442**																																		
188.70	190.20	1.50	**1068443**	**3**	Granodiorite	0.1					diss		3	1				3	1			diss, perv									3		15,50				
190.20	191.70	1.50	**1068444**	**3**	Granodiorite	0.1					diss		2					2				diss, perv															
191.70	193.20	1.50	**1068445**	**3**	Granodiorite	0.1					diss		3					2	1			diss, perv									4		40				

Etzel Project
DDH ET-11-03 Intervals and Attributes

Interval				Lithology		Mineralization						Alteration										Veining				Brecciation					Fracture	Structure					
From	To	Width	Sample	Code	Lithology	Py%	Cp%	Sph	Gal	Ars	Mnzn Style	Si	Ser	Cal	Lim	Hem	Mag	Chl	Epi	Alb	Cly	Altn Style	Assemblage	Width	% Int	Orient	Clasts	% Clasts	Rounding	Matrix	Intensity	Intensity	Ft	Fr	Ct	Bd	Shr	Fol
193.20	195.00	1.80	**1068446**	**3**	Granodiorite	0.1					diss		3				1	2	1			diss, perv															
195.00	196.50	1.50	**1068447**	**5**	Granodiorite	1					diss						1	3	1			diss, perv									3		60				
196.50	198.00	1.50	**1068448**	**5**	Granodiorite	1					diss						1	3	1			diss, perv															
198.00	199.50	1.50	**1068449**	**5**	Granodiorite	0.1					diss						1	3	1			diss, perv									3		20				
199.50	201.00	1.50	**1068450**	**5**	Granodiorite	1					diss		2				1	3	1			diss, perv															
201.00	202.50	1.50	**1068451**	**5**	Granodiorite	0.1					diss						1	3	1			diss, perv									3		60				
202.50	204.00	1.50	**1068452**	**5**	Granodiorite	0.1					diss						1	3	1			diss, perv															
		BLANK	**1068453**																																		
204.00	205.75	1.75	**1068454**	**5**	Granodiorite	0.1					diss						1	3	1			diss, perv									3		30,60				
205.75	207.70	1.95	**1068455**	**5**	Granodiorite	0.1					diss						1	3	1			diss, perv															
207.70	209.20	1.50	**1068456**	**5**	Granodiorite	0.1					diss							3	1			diss, perv									5	15	15				
209.20	210.70	1.50	**1068457**	**5**	Granodiorite	0.1					diss							3	1			diss, perv										15					
210.70	212.20	1.50	**1068458**	**5**	Granodiorite	1					diss							3	1			diss, perv									5	15	20				
212.20	212.90	0.70	**1068459**	**5**	Granodiorite	1					diss		2					2	1			diss, perv										15					
212.90	213.95	1.05	**1068460**	**5**	Granodiorite	1					diss	1	3					2				diss, perv									3		25				
213.95	215.45	1.50	**1068461**	**5**	Granodiorite	2					diss						1	3	1			diss, perv															
		STANDARD PM436	**1068462**																																		
215.45	216.95	1.50	**1068463**	**5**	Granodiorite	0.1					diss						1	3	1			diss, perv									3		20,60				
216.95	218.45	1.50	**1068464**	**5**	Granodiorite	0.1					diss						1	3	1			diss, perv															
218.45	219.95	1.50	**1068465**	**5**	Granodiorite	1					diss	2					1	3	1			diss, perv									3		25,50				
219.95	221.30	1.35	**1068466**	**5**	Granodiorite	1					diss						1	3	1			diss, perv															
221.30	222.80	1.50	**1068467**	**5**	Granodiorite	1					diss	3					1	3	1			diss, perv									4	5,20	25,40				
222.80	224.30	1.50	**1068468**	**5**	Granodiorite	0.1					diss						1	3	1			diss, perv										5,20					
224.30	226.50	2.20	**1068469**	**5**	Granodiorite	0.1					diss	2					1	3	1			diss, perv									4	5,20	15				
226.50	228.00	1.50	**1068470**	**5**	Granodiorite	1					diss						1	3	1			diss, perv															
		FIELD DUPLICATE	**1068471**																																		
228.00	229.50	1.50	**1068472**	**5**	Granodiorite	1					diss	2						3	1			diss, perv									3	20	55				
229.50	231.00	1.50	**1068473**	**5**	Granodiorite	1					diss							3	1			diss, perv										20					
231.00	232.30	1.30	**1068474**	**5**	Granodiorite	1					diss	1						3	1			diss, perv									3	20	30				
232.30	233.80	1.50	**1068475**	**3**	Granodiorite	1					diss	1	3					2	1			diss, perv															
233.80	235.30	1.50	**1068476**	**3**	Granodiorite	1					diss		3					2				diss, perv									3		15,55				
235.30	236.90	1.60	**1068477**	**3**	Granodiorite	1					diss	1	3					2	1			diss, perv															
236.90	238.40	1.50	**1068478**	**5**	Granodiorite	1					diss						1	3	1			diss, perv									3		50				
238.40	239.45	1.05	**1068479**	**5**	Granodiorite	1					diss	1					1	3	1			diss, perv															
239.45	240.95	1.50	**1068480**	**3**	Granodiorite	2					diss, stringer		3					2				diss, perv									3		40				
		BLANK	**1068481**																																		
240.95	242.45	1.50	**1068482**	**3**	Granodiorite	2					diss, stringer		3					2				diss, perv															
242.45	243.95	1.50	**1068483**	**3**	Granodiorite	2					diss, stringer		3					2				diss, perv									3		50				
243.95	245.45	1.50	**1068484**	**3**	Granodiorite	2					diss, stringer		3					2				diss, perv															
245.45	246.95	1.50	**1068485**	**3**	Granodiorite	2					diss, stringer		2	1				3	1			diss, perv									3		30				
246.95	248.45	1.50	**1068486**	**3**	Granodiorite	1					diss, stringer		2	1			1	3	1			diss, perv															
248.45	250.20	1.75	**1068487**	**3**	Granodiorite	1					diss, stringer		3					3	1			diss, perv									3						
250.20	251.95	1.75	**1068488**	**3**	Granodiorite	5					diss, stringer		3					2				diss, perv															
251.95	253.45	1.50	**1068489**	**3**	Granodiorite	5					diss, stringer	1	3					2				diss, perv									3						
		STANDARD PM1129	**1068490**																																		
253.45	254.95	1.50	**1068491**	**3**	Granodiorite	5					diss, stringer	1	4					2				diss, perv															
254.95	256.45	1.50	**1068492**	**3**	Granodiorite	5					diss, stringer	2	2	1				3	1			diss, perv									3						
256.45	257.95	1.50	**1068493**	**3**	Granodiorite	10					diss, stringer	1	3	1				2				diss, perv															
257.95	259.45	1.50	**1068494**	**3**	Granodiorite	2					diss, stringer		3	1				3	1			diss, perv									3		60				
259.45	260.95	1.50	**1068495**	**3**	Granodiorite	5	0.1				diss, stringer	1	4	1				3				diss, perv															
260.95	262.45	1.50	**1068496**	**3**	Granodiorite	1					diss, stringer	2	3	1				2	1			diss, perv									3		25,50				
262.45	263.95	1.50	**1068497**	**5**	Granodiorite	1					diss, stringer	1		1				3	1			diss, perv															
263.95	265.45	1.50	**1068498**	**5**	Granodiorite	1					diss, stringer	1		1		1	1	3	1			diss, perv									3		60				
265.45	267.00	1.55	**1068499**	**5**	Granodiorite	1					diss, stringer			1			1	3	1			diss, perv															
267.00	268.50	1.50	**1068500**	**5**	Granodiorite	1					diss, stringer			1			1	2	1			diss, perv									3		10				
		BLANK	**1068501**																																		
268.50	270.00	1.50	**1068502**	**5**	Granodiorite	1					diss, stringer			1				3	1			diss, perv															
270.00	271.50	1.50	**1068503**	**5**	Granodiorite	1					diss, stringer		1	1				3	1			diss, perv									3		40				
271.50	273.30	1.80	**1068504**	**5**	Granodiorite	2					diss, stringer			1				3	1			diss, perv															
273.30	274.80	1.50	**1068505**	**5**	Granodiorite	5	0.1				diss, stringer	2		1				3	1			diss, perv									3		50				
274.80	276.30	1.50	**1068506**	**5**	Granodiorite	5					diss, stringer			1				3	1			diss, perv															
276.30	277.80	1.50	**1068507**	**5**	Granodiorite	2					diss, stringer	2		1				2	1			diss, perv									3		40				
277.80	279.30	1.50	**1068508**	**5**	Granodiorite	1					diss		1	1				2	1			diss, perv															
279.30	280.80	1.50	**1068509**	**5**	Granodiorite	1					diss			1				3	1			diss, perv									3		45				
		STANDARD PM436	**1068510**																																		
280.80	282.30	1.50	**1068511**	**5**	Granodiorite	0.1					diss			1		1		3	1			diss, perv															
282.30	283.80	1.50	**1068512**	**5**	Granodiorite	0.1					diss		1	1		1		3	1			diss, perv									4	25	20,65				
283.80	285.30	1.50	**1068513**	**5**	Granodiorite	0.1					diss	2		1		1	1	3	1			diss, perv															
285.30	286.80	1.50	**1068514**	**5**	Granodiorite	0.1					diss	2		1			1	3	1			diss, perv									4		30				
286.80	288.30	1.50	**1068515**	**5**	Granodiorite	1					diss	3		1			1	2	1			diss, perv										30					
288.30	289.80	1.50	**1068516**	**5**	Granodiorite	0.1					diss	3		1			1	2	1			diss, perv									4		20,65				
289.80	291.30	1.50	**1068517**	**5**	Granodiorite	1					diss	1		1			1	3	1			diss, perv															
291.30	292.80	1.50	**1068518**	**5**	Granodiorite	0.1					diss			1				3	1			diss, perv									3		30	10			
		FIELD DUPLICATE	**1068519**																																		
292.80	294.00	1.20	**1068520**		Feldspar Porphyry	0.1					diss	3		1								perv										10		10			
294.00	295.50	1.50	**1068521**	**5**	Granodiorite	0.1					diss			1				3	1			diss, perv									3		30				

Etzel Project
DDH ET-11-03 Intervals and Attributes

Interval				Lithology		Mineralization						Alteration										Veining				Brecciation					Fracture	Structure					
From	To	Width	Sample	Code	Lithology	Py%	Cp%	Sph	Gal	Ars	Mnzn Style	Si	Ser	Cal	Lim	Hem	Mag	Chl	Epi	Alb	Cly	Altn Style	Assemblage	Width	% Int	Orient	Clasts	% Clasts	Rounding	Matrix	Intensity	Intensity	Ft	Fr	Ct	Bd	Shr	Fol
295.50	297.00	1.50	**1068522**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv															
297.00	298.80	1.80	**1068523**	**5**	Granodiorite	0.1					diss			1				3	1			diss, perv										4		10			
		BLANK	**1068524**																																		
298.80	300.50	1.70	**1068525**	**3**	Granodiorite	0.1					diss		3	1								diss, perv											15					
300.50	302.35	1.85	**1068526**	**5**	Granodiorite	0.1					diss			1			1	3	1			diss, perv										4		50			
302.35	303.85	1.50	**1068527**	**5**	Granodiorite	1					diss			1			1				4	perv										60					
303.85	305.35	1.50	**1068528**	**5**	Granodiorite	1					diss			1			1				4	perv										5		60			
305.35	306.85	1.50	**1068529**	**5**	Granodiorite	1					diss		2	1			1	3	1		4	diss, perv	cal	3	1	35											
306.85	308.35	1.50	**1068530**	**5**	Granodiorite	1					diss			1			1				4	perv										5		60			
308.35	309.67	1.32	**1068531**	**5**	Granodiorite	1					diss			1			1				4	perv															

Etzel Project
DDH ET-11-03
Down Hole Surveys

Date	Survey Depth		Mag. North*	Azimuth (reading)	Azimuth (actual)	Inclination	Mag Strength	Mag Dip	Gravity Roll	Grav Inten	Mag Tool Face	Temp	Comments
	Feet	Metres											
Sept/21/2011	48	14.63			234.00	-59.8	57878	-76.7					
Sept/21/2011	78	23.78			229.20	-59.4	56174.5	-77.1					
Sept/21/2011	108	32.93			228.30	-59.8	57889.4	-76.1					
Sept/21/2011	138	42.07			234.30	-59.8	57216	-77.1					
Sept/21/2011	168	51.22			234.10	-59.8	57554.8	-76.7					
Sept/21/2011	198	60.37			235.40	-59.7	57395.2	-77.6					
Sept/21/2011	228	69.51			230.00	-59.5	57098.6	-77.2					
Sept/21/2011	258	78.66			228.50	-59.4	55472.3	-76.4					
Sept/21/2011	288	87.80			230.10	-59.4	55779.6	-76.7					
Sept/21/2011	318	96.95			232.90	-59.4	56657.9	-76.8					
Sept/21/2011	348	106.10			231.40	-59.8	56799.3	-76.2					
Sept/21/2011	378	115.24			232.30	-59.4	56461	-76.9					
Sept/21/2011	408	124.39			227.70	-59.6	56549.1	-76.5					
Sept/21/2011	438	133.54			234.30	-59.4	57902	-77.9					
Sept/21/2011	468	142.68			229.10	-59.3	55357.8	-76.7					
Sept/21/2011	498	151.83			237.60	-59.6	57522.9	-77.1					
Sept/21/2011	528	160.98			231.50	-59.4	55866.6	-76.8					
Sept/21/2011	558	170.12			232.40	-59.3	55814.9	-76.7					
Sept/21/2011	588	179.27			234.80	-59.1	57075.8	-76.8					
Sept/21/2011	618	188.41			233.80	-59	56147.2	-76.7					
Sept/21/2011	648	197.56			230.60	-59	56611.6	-76					
Sept/21/2011	678	206.71			231.10	-58.9	56291.4	-76.2					
Sept/21/2011	708	215.85			238.00	-58.8	57489.7	-76.3					
Sept/21/2011	738	225.00			238.70	-58.5	57161.4	-77.6					
Sept/21/2011	768	234.15			239.50	-58.4	57281.3	-77					
Sept/21/2011	798	243.29			236.90	-58.3	57173.7	-77.5					
Sept/21/2011	828	252.44			231.70	-58.4	56967.4	-76					
Sept/21/2011	858	261.59			236.30	-58.1	57240.4	-77.2					
Sept/21/2011	888	270.73			236.70	-58.1	57106.5	-77					
Sept/21/2011	918	279.88			236.40	-57.9	56083.4	-76.5					
Sept/21/2011	948	289.02			231.80	-57.8	56491.7	-76.4					

Etzel Project
DDH ET-11-03
Assay Results

From	To	Interval Width	Sample	WGHT Wgt KG	G6 Au GM/T	1DX15 Mo PPM	1DX15 Cu PPM	1DX15 Pb PPM	1DX15 Zn PPM	1DX15 Ag PPM	1DX15 Ni PPM	1DX15 Co PPM	1DX15 Mn PPM	1DX15 Fe %	1DX15 As PPM	1DX15 Au PPB	1DX15 Th PPM	1DX15 Sr PPM	1DX15 Cd PPM	1DX15 Sb PPM	1DX15 Bi PPM	1DX15 V PPM	1DX15 Ca %	1DX15 P %	1DX15 La PPM	1DX15 Cr PPM	1DX15 Mg %	1DX15 Ba PPM	1DX15 Ti %	1DX15 B PPM	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W PPM	1DX15 Hg PPM	1DX15 Sc PPM	1DX15 Tl PPM	1DX15 S %	1DX15 Ga PPM	1DX15 Se PPM	1DX15 Te PPM	7TD Cu %
2.90	4.40	1.50	**1068294**	3.05	0.011	0.8	94	35	144	0.8	3.5	13.7	1206	2.71	59.4	23.8	15	23	1.8	4	0.7	38	0.6	0.05	23	5	0.44	130	0.002	1	0.97	0.012	0.22	0.1	0.05	3.6	0.2	0.25	3	<0.5	<0.2		
4.40	5.90	1.50	**1068295**	3.01	0.012	1.9	98.6	13.6	65	0.6	4.7	22.3	484	3.26	17.3	20.4	13.1	33	0.3	2	0.9	39	0.96	0.055	21	10	0.76	119	0.003	1	1.19	0.034	0.2	<0.1	<0.01	3.7	0.2	0.93	4	<0.5	<0.2		
5.90	7.40	1.50	**1068296**	3.47	0.005	0.6	63	11	61	0.2	2.8	11	424	2.32	7.3	11.4	11.2	34	0.2	0.6	0.3	54	1.11	0.049	12	7	0.79	164	0.043	<1	1.17	0.048	0.14	<0.1	<0.01	3.9	<0.1	0.23	4	<0.5	<0.2		
7.40	8.70	1.30	**1068297**	3.67	<0.005	1.3	41.1	15	60	0.2	2.8	14.4	524	2.5	13.2	10.1	11.8	47	0.3	0.5	0.3	48	1.63	0.047	11	7	0.85	258	0.033	1	1.19	0.043	0.18	0.1	0.01	3.8	0.1	0.38	4	<0.5	<0.2		
8.70	9.75	1.05	**1068298**	1.2	0.008	1.1	11.1	12.6	85	0.2	3.1	10.9	498	2.71	38.6	14.1	10.6	27	0.4	0.7	0.2	48	0.82	0.046	20	8	0.74	213	0.009	<1	1.29	0.01	0.14	<0.1	0.06	3.3	<0.1	0.15	4	<0.5	<0.2		
9.75	10.97	1.22	**1068299**	3.13	0.015	1.3	31.4	37.4	143	0.6	4.2	15.5	902	3.17	85.8	25.7	13.8	16	1	2.3	0.3	39	0.3	0.052	26	6	0.48	284	0.001	<1	1.02	0.009	0.15	0.1	0.06	3.9	0.1	0.1	4	<0.5	<0.2		
10.97	12.05	1.08	**1068300**	2.77	<0.005	1.2	16.2	43.7	197	0.4	3.8	10.6	725	3.06	18.4	5.6	11.5	29	1.5	0.8	0.6	51	0.85	0.05	20	8	0.9	64	0.005	<1	1.51	0.025	0.15	0.1	0.04	4.4	0.1	0.34	5	<0.5	<0.2		
		BLANK	**1068301**	0.99	<0.005	0.3	0.7	1.8	11	<0.1	1.3	0.5	168	0.41	<0.5	1.3	<0.1	33	<0.1	<0.1	<0.1	<2	15.72	0.011	<1	<1	10.82	8	<0.001	<1	0.02	0.003	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
12.05	13.20	1.15	**1068302**	4.73	0.008	1.2	13.6	14.9	92	0.2	3.2	9.9	506	2.77	15.5	16.4	11.2	33	1.0	0.6	0.5	49	0.91	0.047	19	13	0.73	95	0.023	1	1.20	0.059	0.17	0.1	0.01	3.9	0.1	0.32	5	<0.5	<0.2		
13.20	14.35	1.15	**1068303**	3.68	0.027	1.6	31.6	50.5	294	0.8	3.9	12.2	531	3.08	35.6	26.1	11.6	13	1.9	1.0	0.9	52	0.39	0.050	19	11	0.67	165	0.010	<1	1.29	0.006	0.14	0.2	0.17	4.5	<0.1	0.18	5	<0.5	<0.2		
14.35	15.85	1.50	**1068304**	6.23	0.016	1.3	16.1	56.3	256	0.4	4.0	9.2	678	3.10	30.4	29.3	12.8	39	3.5	0.5	0.9	58	1.08	0.048	17	17	0.90	65	0.019	2	1.46	0.056	0.20	<0.1	0.01	5.3	0.1	0.43	5	<0.5	<0.2		
15.85	17.45	1.60	**1068305**	6.23	0.007	1.4	23.3	12.4	87	0.2	3.3	9.0	485	2.43	17.6	10.6	11.6	36	0.8	0.6	0.4	53	0.92	0.044	13	16	0.76	52	0.021	<1	1.16	0.054	0.12	<0.1	<0.01	3.9	<0.1	0.24	4	<0.5	<0.2		
17.45	18.85	1.40	**1068306**	4.43	0.007	1.3	37.8	16.2	171	0.9	4.2	17.2	1058	2.78	28.2	8.1	13.3	18	2.3	0.9	0.5	47	0.40	0.047	20	12	0.74	39	0.004	<1	1.49	0.014	0.11	0.1	0.10	3.6	<0.1	0.08	5	<0.5	<0.2		
18.85	20.55	1.70	**1068307**	5.04	<0.005	1.4	58.1	26.8	235	0.4	3.7	13.6	1110	2.98	57.7	8.1	14.1	11	2.4	1.6	0.7	48	0.26	0.052	24	10	0.68	56	0.003	<1	1.34	0.009	0.13	0.2	0.29	3.6	0.1	0.15	4	<0.5	<0.2		
20.55	22.05	1.50	**1068308**	5.56	<0.005	0.9	9.9	7.8	67	0.1	3.9	7.2	647	2.54	4.2	1.8	11.5	36	0.7	0.7	0.2	55	0.98	0.046	15	16	0.78	115	0.024	1	1.19	0.066	0.13	<0.1	<0.01	4.6	0.1	0.11	4	<0.5	<0.2		
22.05	23.55	1.50	**1068309**	5.85	0.006	1.0	9.2	18.5	163	0.2	3.4	8.2	732	2.70	18.4	8.3	13.2	51	1.1	0.8	0.5	49	1.51	0.048	15	14	0.85	136	0.007	2	1.18	0.045	0.16	<0.1	<0.01	4.3	0.1	0.50	4	<0.5	<0.2		
		STANDARD PM436	**1068310**	0.14	0.390	10.0	134.9	7.8	50	0.2	26.0	35.1	494	3.15	1378.7	390.4	3.1	76	0.2	2.1	4.4	77	1.30	0.057	7	46	0.76	129	0.113	3	1.70	0.190	0.27	0.4	<0.01	2.4	<0.1	0.13	5	2.9	0.6		
23.55	24.85	1.30	**1068311**	5.12	0.010	0.7	11.0	32.2	124	0.2	3.2	5.7	793	3.07	28.7	8.7	11.9	52	0.9	1.0	0.7	44	1.51	0.047	15	10	0.79	78	0.002	3	1.20	0.043	0.20	<0.1	<0.01	4.1	0.2	0.64	4	<0.5	<0.2		
24.85	26.35	1.50	**1068312**	6.27	0.027	1.3	20.6	70.5	326	0.6	5.3	8.9	2070	3.64	78.6	25.1	12.0	34	3.1	2.6	0.9	30	1.09	0.043	16	7	0.48	69	<0.001	3	0.86	0.015	0.27	0.1	0.01	3.8	0.3	0.73	2	<0.5	<0.2		
26.35	28.30	1.95	**1068313**	6.77	0.061	1.0	35.2	96.5	268	0.9	3.7	11.5	1354	3.74	212.0	70.6	11.2	40	2.4	2.7	1.3	34	1.28	0.046	14	7	0.61	73	0.002	1	0.92	0.012	0.26	0.3	0.03	3.9	0.3	1.42	3	0.6	<0.2		
28.30	29.80	1.50	**1068314**	6.10	0.014	1.1	16.5	25.1	214	0.3	4.3	8.7	1331	3.18	78.1	14.0	12.6	52	2.1	2.0	0.7	43	1.54	0.050	17	9	0.59	55	0.005	2	0.86	0.025	0.19	<0.1	0.04	4.8	0.3	0.51	3	<0.5	<0.2		
29.80	31.00	1.20	**1068315**	5.00	0.362	2.9	94.6	190.7	535	2.4	3.4	8.7	1769	4.74	1889.1	397.6	9.8	43	8.4	16.4	3.8	12	1.50	0.044	6	2	0.50	39	<0.001	1	0.39	0.005	0.30	0.3	0.07	2.4	0.4	3.90	<1	0.5	<0.2		
31.00	32.50	1.50	**1068316**	5.25	1.434	5.3	70.7	280.1	264	3.4	4.7	7.4	1572	4.18	767.1	2093.8	10.3	46	4.2	14.4	4.9	10	1.12	0.034	10	7	0.35	47	<0.001	2	0.39	0.005	0.28	0.3	0.14	2.7	0.6	3.59	<1	<0.5	<0.2		
32.50	34.00	1.50	**1068317**	5.51	0.010	1.5	24.5	14.1	138	0.3	4.6	13.5	1651	2.35	72.6	3.6	14.7	38	2.1	2.0	0.1	39	1.01	0.054	26	6	0.58	64	0.001	1	0.90	0.005	0.18	0.2	0.20	5.0	0.4	0.30	3	<0.5	<0.2		
34.00	35.50	1.50	**1068318**	4.94	0.012	1.2	11.5	10.1	131	0.3	6.4	18.1	1537	3.19	17.9	6.0	13.5	30	1.8	1.3	0.5	46	0.66	0.056	22	11	1.05	43	0.002	2	1.84	0.018	0.17	0.2	0.06	4.4	0.2	0.38	6	<0.5	<0.2		
		FIELD DUPLICATE	**1068319**	2.41	<0.005	1.0	10.4	9.7	123	0.8	4.9	16.0	1697	2.99	16.0	6.0	13.2	32	1.9	1.2	0.5	43	0.71	0.052	25	7	1.01	40	0.001	<1	1.76	0.013	0.16	0.2	0.06	3.8	0.2	0.39	5	<0.5	<0.2		
35.50	37.00	1.50	**1068320**	5.71	0.022	1.2	34.0	26.2	259	0.5	5.1	9.5	1552	3.02	20.3	17.0	11.9	50	3.5	2.0	1.0	44	1.31	0.048	18	9	0.88	41	0.001	2	1.64	0.019	0.18	0.1	0.03	3.7	0.2	0.40	5	<0.5	<0.2		
37.00	37.85	0.85	**1068321**	3.06	0.021	2.0	46.7	24.1	120	0.4	5.2	10.9	1448	3.36	18.5	12.8	11.6	77	1.1	0.8	0.8	60	2.28	0.058	22	8	1.00	45	0.007	<1	1.72	0.014	0.19	0.2	0.04	4.5	0.2	0.62	5	<0.5	<0.2		
37.85	39.35	1.50	**1068322**	6.49	0.016	1.5	29.6	21.1	104	0.6	5.2	10.4	782	2.58	36.5	17.0	12.2	62	0.7	2.0	0.8	45	1.59	0.048	17	11	0.75	112	0.012	2	1.34	0.032	0.20	0.1	0.04	4.0	0.2	0.57	4	<0.5	<0.2		
39.35	40.85	1.50	**1068323**	5.63	0.058	1.4	37.3	24.5	212	0.4	4.1	5.1	998	3.25	26.0	72.7	11.2	62	1.5	1.6	1.2	46	1.68	0.051	15	6	0.85	53	0.003	1	1.36	0.027	0.21	<0.1	0.01	4.7	0.2	0.61	4	<0.5	<0.2		
		BLANK	**1068324**	1.01	<0.005	<0.1	0.9	1.1	10	<0.1	1.2	0.6	157	0.38	<0.5	0.7	<0.1	33	<0.1	<0.1	<0.1	<2	16.41	0.011	<1	<1	11.20	11	<0.001	<1	0.03	0.003	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
40.85	42.35	1.50	**1068325**	5.21	0.007	1.0	23.5	20.6	161	0.3	4.1	7.9	904	2.83	29.4	6.3	11.7	38	1.5	1.8	0.8	44	1.02	0.046	14	7	0.76	50	0.006	1	1.42	0.026	0.17	<0.1	0.04	3.5	0.2	0.61	4	<0.5	<0.2		
42.35	44.25	1.90	**1068326**	6.50	0.028	0.6	20.1	26.5	149	0.3	4.9	11.0	658	2.93	19.0	18.8	9.8	46	1.2	1.4	0.8	42	1.40	0.050	16	10	0.92	54	0.004	<1	1.54	0.019	0.19	0.1	0.03	3.8	0.2	0.86	4	<0.5	<0.2		
44.25	45.75	1.50	**1068327**	6.02	0.011	0.5	36.3	48.5	170	0.4	3.8	8.9	2512	2.76	41.7	9.7	10.1	82	1.7	3.2	0.7	17	2.38	0.048	16	3	0.77	72	<0.001	2	0.59	0.008	0.31	0.1	0.10	3.0	0.4	1.28	1	<0.5	<0.2		
45.75	47.25	1.50	**1068328**	6.46	0.321	1.1	233.6	191.3	188	3.8	3.2	11.4	5453	4.04	581.6	288.7	8.5	61	2.3	18.0	7.5	15	2.44	0.039	7	5	0.85	44	0.001	2	0.46	0.008	0.42	0.3	0.12	2.1	0.4	3.37	1	0.8	0.8		
47.25	48.75	1.50	**1068329**	6.26	0.089	0.9	122.1	37.3	158	1.0	3.7	12.6	1094	2.88	54.1	93.5	11.3	57	1.3	5.5	2.2	26	1.86	0.043	28	5	0.58	60	<0.001	1	0.80	0.018	0.29	<0.1	0.02	2.6	0.3	1.23	2	0.7	0.2		
48.75	50.25	1.50	**1068330**	5.94	0.040	2.5	45.2	127.0	414	1.0	3.9	10.5	2800	2.65	453.6	39.6	10.1	53	4.5	6.1	1.3	17	1.79	0.045	10	3	0.68	36	<0.001	1	0.45	0.007	0.14	0.1	0.11	3.0	0.2	1.38	1	0.6	<0.2		
50.25	51.75	1.50	**1068331**	6.76	0.479	2.1	112.7	457.2	646	4.4	5.2	14.9	3441	9.93	494.6	413.3	8.5	42	7.2	6.7	8.8	20	1.45	0.050	4	4	0.82	25	<0.001	2	0.36	0.005	0.26	0.2	0.06	2.6	0.3	7.92	1	1.0	0.5		
51.75	53.15	1.40	**1068332**	5.57	0.035	2.1	33.5	181.5	931	0.8	3.8	7.8	1551	3.02	82.6	30.5	10.8	87	10.8	1.8	1.2	23	2.27	0.048	13	3	0.76	35	<0.001	2	0.38	0.007	0.16	<0.1	0.05	3.5	0.2	1.00	<1	<0.5	<0.2		
		STANDARD PM1129	**1068333**	0.14	3.849	176.2	2226.1	68.8	80	30.8	31.4	22.1	581	4.04	40.3	3505.9	1.8	103	0.1	66.2	1.5	54	1.05	0.062	6	16	0.89	44	0.099	<1	1.47	0.102	0.18	0.3	9.31	1.6	0.1	1.66	4	0.9	17.2	0.250
53.15	54.65	1.50	**1068334**	6.12	0.018	1.7	8.2	24.2	672	0.2	3.5	6.9	756	2.44	14.8	15.4	9.7	48	8.2	0.7	0.5	49	1.66	0.051	11	10	0.89	135	0.024	2	1.39	0.063	0.17	<0.1	0.02	4.4	0.1	0.42	4	<0.5	<0.2		
54.65	56.15	1.50	**1068335**	5.86	0.011	1.2	16.3	71.8	295	0.6	4.3	6.8	738	2.61	19.7	5.8	9.4	45	3.1	2.4	0.7	45	1.94	0.053	13	14	0.98	97	0.014	2	1.29	0.043	0.14	0.1	0.05	4.7	0.1	1.05	4	<0.5	<0.2		
56.15	57.65	1.50	**1068336**	6.32	0.277	0.7	18.9	34.2	142	0.5	4.9	10.8	694	2.91	116.2	198.9	9.7	53	1.3	0.8	1.0	45	2.24	0.055	13	10	0.98	42	0.005	1	1.52	0.061	0.22	0.1	0.01	4.1	0.2	1.36	5	<0.5	<0.2		
57.65	59.15	1.50	**1068337**	5.95	0.656	0.4	59.5	25.3	64	0.6	4.8	8.4	635	2.31	271.4	626.5	10.7	55	0.5	1.7	1.1	31	2.56	0.049	11	7	0.83	88	0.001	<1	1.16	0.027	0.21	0.2	0.01	2.8	0.2	0.94	4	<0.5	<0.2		
59.15	60.65	1.50	**1068338**	5.78	0.014	0.4	47.0	47.7	517	0.5	2.8	5.6	629	1.86	15.7	9.5	12.3	48	5.5	1.4	0.7	33	2.07	0.043	15	15	0.73	105	0.003	<1	1.24	0.047	0.22	<0.1	0.01	3.1	0.2	0.51	4	<0.5	<0.2		
60.65	62.15	1.50	**1068339**	5.45	0.017	0.7	88.7	46.2	437	0.7	3.5	5.9	655	2.32	21.6	10.7	11.8	47	4.6	1.3	1.0	50	1.92	0.057	14	14	0.99	59	0.016	<1	1.39	0.043	0.15	0.1	<0.01	4.4	0.1	0.57	4	<0.5	<0.2		
62.15	63.65	1.50	**1068340**	6.76	0.174	0.5	60.7	26.8	500	0.6	3.3	5.6	716	2.10	65.0	148.9	11.5	61	5.7	1.4	1.2	40	2.17	0.063	16	14	0.94	61	0.004	<1	1.32	0.047	0.18	<0.1	<0.01	3.7	0.1	0.68	4	<0.5	<0.2		
63.65	64.85	1.20	**1068341**	4.34	0.006	0.7	7.2	7.8	175	<0.1	3.7	7.6	487	2.44	8.2	1.0	10.7	43	1.7	0.6	0.2	57	1.13	0.048	15	19	0.83	79	0.064	<1	1.20	0.071	0.12	0.2	<0.01	3.8	<0.1	0.09	4	<0.5	<0.2		
		FIELD DUPLICATE	**1068342**	2.06	<0.005	0.7	5.7	7.1	114	0.5	3.3	7.2	439	2.34	7.1	<0.5	10.5	37	1.0	0.6	0.2	56	0.98	0.047	15	16	0.77	75	0.078	<1	1.12	0.067	0.11	0.2	<0.01	3.5	<0.1	0.07	4	<0.5	<0.2		
64.85	65.80	0.95	**1068343**	3.95	0.022	0.4	18.6	14.4	68	0.2	3.1	6.7	548	2.00	24.5	22.4	11.5	59	0.5	0.6	0.4	35	2.45	0.051	19	12	0.90	53	0.004	<1	1.48	0.052	0.26	0.1	<0.01	3.7	0.2	0.42	4	<0.5	<0.2		
65.80	66.80	1.00	**1068344**	4.06	0.010	0.7	36.3	62.1	208	0.3	5.4	6.9	555	2.41	10.5	5.5	11.5	43	1.9	0.7	0.3	62	1.60	0.054	13	27	1.03	53	0.058	<1	1.31	0.065	0.11	0.2	<0.01	4.8	<0.1	0.16	4	<0.5	<0.2		
66.80	67.80	1.00	**1068345**	3.15	0.012	0.4	10.1	12.3	337	0.2	3.9	12.0	579	2.61	11.0	10.0	9.5	42	3.3	0.6	0.4	49	1.40	0.051	11	15	0.99	58	0.018	<1	1.55	0.070	0.14	<0.1	<0.01	4.0	<0.1	0.48	5	<0.5	<0.2		
67.80	68.90	1.10	**1068346**	4.46	0.091	0.7	70.5	20.3	265	0.5	3.8	10.1	543	2.23	32.5	53.9	10.1	39	2.5	1.0	0.7	41	1.54	0.050	13	14	0.96	37	0.021	<1	1.39	0.054	0.12	0.1	<0.01	3.8	<0.1	0.62	4	<0.5	<0.2		
68.90	70.40	1.50	**1068347**	6.28	<0.005	0.7	22.5	32.8	89	0.3	2.8	6.5	453	1.76	11.4	7.2	8.7	37	0.6	0.7	0.5	43	1.59	0.045	11	13	0.89	34	0.048	<1	1.19	0.062	0.12	0.1	<0.01	3.9	<0.1	0.54	4	<0.5	<0.2		
70.40	71.90	1.50	**1068348**	6.21	0.128	1.8	60.6	14.3	84	0.4	3.8	9.2	420	2.21	567.7	113.6	9.9	35	0.7	1.1	0.8	49	1.29	0.051	13	16	0.94	33	0.057	<1	1.28	0.072	0.09	0.5	<0.01	4.4	<0.1	0.63	4	<0.5	<0.2		
71.90	73.40	1.50	**1068349**	5.33	0.427	0.6	87.7	23.0	66	0.6	2.5	4.0	413	1.73	691.7	426.4	9.3	39	0.6	1.2	3.0	48	1.64	0.053	11	17	1.01	29	0.019	<1	1.34	0.063	0.14	0.1	<0.01	4.6	0.1	0.29	4	<0.5	1.2		
73.40	74.90	1.50	**1068350**	6.02	0.019	0.8	50.8	13.0	73	0.3	3.9	9.4	421	2.40	15.0	37.7	10.3	35	0.7	0.5	0.4	64	1.27	0.052	12	17	0.90	48	0.104	<1	1.24	0.076	0.10	0.5	<0.01	4.2	<0.1	0.28	5	<0.5	<0.2		
74.90	76.40	1.50	**1068351**	5.99	0.007	0.7	33.0	11.3	57	0.2	3.8	8.6	410	2.46	11.5	12.6	10.1	32	0.4	0.3	0.2	64	0.98	0.051	10	19	0.90	174	0.118	1	1.31	0.091	0.13	0.7	<0.01	3.6	<0.1	0.33	5	<0.5	<0.2		
76.40	77.90	1.50	**1068352**	5.52	0.005	0.6	19.7	10.5	44	<0.1	4.3	8.8	413	2.71	7.6	8.5	11.2	35	0.2	0.4	0.1	71	0.86	0.052	11	20	0.90	201	0.135	2	1.23	0.083	0.13	1.0	<0.01	3.2	<0.1	0.20	5	<0.5	<0.2		
		BLANK	**1068353**	0.94	<0.005	<0.1	1.7	0.7	5	<0.1	1.3	1.0	166	0.43	<0.5	0.8	<0.1	28	<0.1	<0.1	<0.1	<2	15.36	0.013	<1	1	10.70	17	<0.001	<1	0.02	0.003	0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2		
77.90	79.40	1.50	**1068354**	6.23	0.024	1.2	41.1	41.9	105	0.9	4.3	10.2	606	3.45	54.1	24.3	12.6	39	1.0	0.5	1.9	64	1.25	0.053	13	13	0.98	70	0.083	<1	1.25	0.055	0.15	0.9	<0.01	4.2	0.1	1.29	5	<0.5	<0.2		
79.40	80.50	1.10	**1068355**	4.35	0.015	2.1	54.4	18.0	112	0.5	3.7	10.1	579	2.56	8.2	15.6	10.6	40	1.0	0.5	0.5	56	1.27	0.049	12	16	0.90	66	0.054	<1	1.26	0.078	0.12	0.3	<0.01	4.3	<0.1	0.36	5	<0.5	<0.2		
80.50	82.00	1.50	**1068356**	5.82	0.038	0.4	92.9	41.9	293	0.8	5.3	12.1	1486	4.09	62.5	32.2	10.0	58	2.9	4.7	3.1	56	1.77	0.053	16	14	1.01	45	0.004	<1	1.69	0.017	0.19	0.2	0.04	4.6	0.2	1.53	5	<0.5	<0.2		
82.00	83.50	1.50	**1068357**	2.33	0.007	0.8	28.5	9.6	68	0.3	5.2	11.9	645	3.01	7.6	6.3	10.3	79	0.3	0.8	0.3	60	2.05	0.056	21	10	1.01	58	0.013	<1	1.54	0.008	0.17	0.3	0.13	4.6	0.1	0.25	5	<0.5	<0.2		
83.50	84.55	1.05	**1068358**	4.45	<0.005	0.7	16.6	7.3	46	0.1	4.0	9.7	518	2.68	3.3	5.1	9.9	54	0.2	0.9	0.2	66	1.47	0.053	16	16	0.84	63	0.031	<1	1.26	0.080	0.15	0.1	0.03	5.5	<0.1	0.15	5

Etzel Project
DDH ET-11-03
Assay Results

From	To	Interval Width	Sample	WGHT Wgt KG	G6 Au GM/T	1DX15 Mo PPM	1DX15 Cu PPM	1DX15 Pb PPM	1DX15 Zn PPM	1DX15 Ag PPM	1DX15 Ni PPM	1DX15 Co PPM	1DX15 Mn PPM	1DX15 Fe %	1DX15 As PPM	1DX15 Au PPB	1DX15 Th PPM	1DX15 Sr PPM	1DX15 Cd PPM	1DX15 Sb PPM	1DX15 Bi PPM	1DX15 V PPM	1DX15 Ca %	1DX15 P %	1DX15 La PPM	1DX15 Cr PPM	1DX15 Mg %	1DX15 Ba PPM	1DX15 Ti %	1DX15 B PPM	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W PPM	1DX15 Hg PPM	1DX15 Sc PPM	1DX15 Tl PPM	1DX15 S %	1DX15 Ga PPM	1DX15 Se PPM	1DX15 Te PPM	7TD Cu %
132.65	134.15	1.50	1068399	5.49	0.024	0.5	40.6	33.0	169	0.4	3.9	9.2	735	3.33	237.4	26.3	13.4	87	1.6	3.7	1.4	56	1.63	0.049	13	12	0.92	87	0.032	<1	1.18	0.045	0.17	0.2	<0.01	4.2	0.2	0.77	4	<0.5	<0.2		
134.15	135.65	1.50	1068400	6.10	0.019	0.7	24.6	25.2	128	0.3	3.8	10.1	896	2.80	164.4	23.6	13.9	95	1.2	2.5	0.5	52	1.57	0.044	15	8	0.80	106	0.022	1	1.15	0.057	0.18	0.2	<0.01	4.3	0.1	0.52	4	<0.5	<0.2		
		BLANK	1068401	0.91	<0.005	0.3	0.6	1.4	14	<0.1	1.4	0.6	182	0.42	<0.5	2.0	<0.1	33	<0.1	<0.1	<0.1	<2	17.99	0.012	<1	<1	12.11	12	<0.001	2	0.02	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
135.65	137.15	1.50	1068402	5.90	0.041	0.5	225.7	31.7	220	0.7	3.8	8.9	715	3.41	141.9	42.7	10.9	62	2.7	7.5	4.0	51	1.48	0.046	18	10	0.94	43	0.020	1	1.23	0.032	0.14	0.9	0.02	4.1	0.1	0.95	5	<0.5	<0.2		
137.15	138.55	1.40	1068403	5.60	0.016	0.6	20.6	26.4	81	0.3	2.7	6.7	734	2.67	168.8	18.5	11.9	80	0.5	2.4	0.9	41	1.92	0.049	15	5	0.89	54	0.005	2	1.00	0.032	0.14	0.1	0.01	4.3	0.1	0.61	4	<0.5	<0.2		
138.55	140.00	1.45	1068404	6.12	0.077	1.3	111.1	188.2	362	3.2	3.3	10.4	1595	3.55	456.4	80.8	11.1	104	4.1	13.2	17.0	32	2.67	0.047	12	6	0.79	55	0.003	2	0.68	0.018	0.18	0.2	0.05	3.8	0.2	1.74	2	0.6	<0.2		
140.00	141.30	1.30	1068405	5.38	0.015	0.7	33.8	44.5	138	0.5	3.5	8.0	950	2.89	77.2	15.2	11.3	69	1.4	4.5	1.3	49	1.61	0.048	14	6	0.81	53	0.011	3	1.03	0.028	0.19	<0.1	0.05	4.5	0.2	0.52	4	<0.5	<0.2		
141.30	142.80	1.50	1068406	6.09	0.053	0.7	83.1	393.6	1241	2.5	3.7	7.3	1754	3.56	176.8	59.1	12.6	64	18.0	3.4	7.0	34	1.82	0.046	10	7	0.86	61	0.002	2	0.62	0.012	0.25	0.1	0.03	3.7	0.3	1.22	2	<0.5	<0.2		
142.80	144.30	1.50	1068407	4.56	0.014	0.8	32.6	53.8	276	0.6	2.8	6.6	1158	2.46	73.8	19.7	15.2	56	3.1	4.0	1.6	17	1.64	0.031	17	2	0.54	62	<0.001	2	0.47	0.012	0.24	0.1	0.03	2.2	0.2	0.57	1	<0.5	<0.2		
144.30	145.10	0.80	1068408	2.93	0.014	1.0	20.3	31.5	101	0.3	3.4	7.7	1156	2.97	34.5	16.9	12.2	47	0.8	5.0	0.9	34	1.77	0.042	15	5	0.65	34	0.001	2	0.41	0.005	0.18	0.1	0.07	4.0	0.2	0.57	1	<0.5	<0.2		
145.10	146.60	1.50	1068409	6.08	<0.005	0.7	9.1	10.6	61	0.1	3.6	8.0	464	2.43	4.5	7.1	12.6	45	0.5	0.8	0.3	56	1.22	0.045	14	7	0.74	66	0.041	2	1.07	0.063	0.15	<0.1	<0.01	4.4	<0.1	0.20	4	<0.5	<0.2		
		STANDARD PM436	1068410	0.11	0.381	9.7	132.1	6.8	49	0.2	25.9	34.1	492	3.18	1338.5	362.2	3.0	74	0.3	2.1	4.4	80	1.32	0.055	7	44	0.76	122	0.123	4	1.67	0.191	0.28	0.5	<0.01	2.5	<0.1	0.13	5	1.9	0.6		
146.60	148.13	1.53	1068411	6.10	0.011	0.9	39.3	27.3	108	0.5	3.2	7.1	712	2.60	70.2	15.4	8.6	57	0.9	1.4	1.9	40	1.56	0.036	10	7	0.71	35	0.003	3	1.01	0.020	0.16	<0.1	<0.01	3.0	0.2	0.68	4	0.7	<0.2		
148.13	149.65	1.52	1068412	5.71	<0.005	2.0	22.5	19.3	164	0.5	4.0	8.9	663	3.26	17.7	8.4	12.2	58	1.7	1.3	1.2	53	1.61	0.048	12	7	0.87	39	0.010	<1	1.48	0.030	0.17	<0.1	0.02	4.7	0.1	0.73	4	0.6	<0.2		
149.65	151.18	1.53	1068413	6.04	0.021	0.8	28.0	46.9	218	0.9	3.8	10.2	1084	2.99	60.4	26.2	12.8	70	1.9	2.4	1.5	45	1.94	0.044	13	8	0.83	45	0.005	2	1.21	0.016	0.16	0.1	0.02	3.9	0.2	0.92	4	0.8	<0.2		
151.18	152.70	1.52	1068414	5.85	0.021	0.7	49.2	62.7	140	1.4	4.4	8.9	1764	3.33	99.2	23.2	12.5	86	1.1	2.0	1.5	31	2.53	0.046	14	4	0.74	48	0.001	<1	0.61	0.009	0.20	0.1	<0.01	3.7	0.2	1.09	2	0.7	<0.2		
152.70	153.45	0.75	1068415	3.09	0.017	0.9	31.8	35.4	106	0.4	4.1	9.3	1481	3.21	24.1	14.6	12.5	94	0.7	1.5	1.2	36	2.41	0.048	18	5	0.75	56	<0.001	1	0.69	0.011	0.19	0.1	0.01	4.4	0.2	0.56	2	<0.5	<0.2		
153.45	154.95	1.50	1068416	7.07	0.411	0.6	60.9	45.8	759	1.2	4.4	8.5	1039	3.78	48.0	19.7	10.8	41	9.7	2.3	4.1	40	1.25	0.046	9	6	0.72	69	0.004	1	0.87	0.015	0.18	0.4	0.02	3.2	0.2	1.74	3	0.6	<0.2		
154.95	156.40	1.45	1068417	5.16	0.032	1.4	74.9	118.5	873	2.1	4.8	9.5	1743	4.67	192.2	32.4	10.3	43	10.3	2.9	6.4	22	1.64	0.048	6	5	0.68	53	<0.001	2	0.30	0.004	0.23	0.6	0.04	2.8	0.2	2.93	<1	0.9	0.2		
156.40	157.80	1.40	1068418	3.72	0.072	0.6	152.9	239.2	1522	3.4	4.4	6.7	1432	5.83	312.9	70.0	9.9	39	17.8	6.8	9.2	14	1.34	0.040	4	2	0.60	48	<0.001	2	0.26	0.003	0.21	0.4	0.05	1.6	0.2	4.39	<1	1.6	0.3		
		FIELD DUPLICATE	1068419	2.82	0.066	0.8	260.2	339.6	534	4.1	6.1	6.3	873	5.17	337.8	62.5	9.3	15	6.7	4.9	9.6	8	0.56	0.044	3	5	0.31	42	<0.001	<1	0.25	0.003	0.21	0.2	0.02	1.5	0.2	4.37	<1	2.3	0.2		
157.80	159.65	1.85	1068420	7.13	0.215	2.6	4445.3	2182.7	661	63.7	3.9	22.2	3144	11.77	1106.0	191.8	7.9	56	9.2	14.4	244.9	8	2.35	0.036	3	1	0.91	14	<0.001	2	0.29	0.004	0.23	0.4	0.04	1.3	0.3	9.85	<1	23.1	2.3	0.461
159.65	161.30	1.65	1068421	6.68	0.022	1.3	69.7	66.7	267	1.1	4.2	7.7	1385	3.78	64.9	17.4	10.8	50	2.6	6.1	3.9	24	1.86	0.050	12	5	0.68	67	<0.001	1	0.40	0.004	0.23	0.3	0.05	3.9	0.2	1.92	1	<0.5	<0.2		
161.30	162.95	1.65	1068422	5.87	0.022	1.2	101.9	121.5	428	1.8	4.2	4.5	658	2.53	25.7	90.3	11.8	78	4.9	3.8	3.4	42	2.59	0.053	15	7	0.99	43	0.001	1	1.56	0.011	0.17	0.3	0.02	3.7	0.2	0.57	4	<0.5	<0.2		
162.95	164.45	1.50	1068423	4.79	0.020	0.8	112.1	63.9	179	1.1	4.0	6.8	799	2.79	31.6	26.8	10.9	67	1.7	3.3	1.9	44	3.59	0.046	13	9	1.05	56	0.002	3	1.54	0.009	0.18	0.1	0.03	3.3	0.2	0.80	4	<0.5	<0.2		
		BLANK	1068424	0.91	<0.005	<0.1	2.1	3.4	12	<0.1	0.5	0.6	180	0.41	<0.5	2.2	<0.1	33	<0.1	<0.1	<0.1	<2	17.59	0.014	<1	<1	11.32	18	<0.001	2	0.02	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
164.45	165.95	1.50	1068425	6.16	0.038	1.6	30.4	30.5	96	0.3	3.8	6.7	496	2.92	15.7	44.5	9.0	42	0.8	1.8	1.4	63	1.40	0.048	9	11	1.00	42	0.053	2	1.53	0.057	0.13	0.1	<0.01	4.0	0.1	0.71	5	<0.5	<0.2		
165.95	167.45	1.50	1068426	6.77	0.017	0.3	12.3	25.7	66	0.2	4.3	6.8	399	2.71	6.9	30.9	8.8	35	0.4	0.5	2.0	60	1.19	0.047	9	8	1.03	45	0.096	2	1.39	0.056	0.12	0.1	<0.01	3.5	<0.1	0.54	5	<0.5	0.5		
167.45	169.45	2.00	1068427	8.20	0.012	0.5	11.4	14.9	54	0.1	3.8	7.3	393	2.73	17.7	13.7	10.3	47	0.2	0.8	0.7	61	1.31	0.045	11	11	0.92	61	0.050	2	1.35	0.057	0.13	<0.1	<0.01	4.1	0.1	0.50	5	0.7	<0.2		
169.45	170.95	1.50	1068428	6.47	0.384	0.7	123.2	186.5	367	4.2	4.9	9.3	966	5.07	58.2	405.9	9.9	64	3.9	3.8	44.0	30	2.12	0.050	9	3	0.93	56	<0.001	3	0.48	0.006	0.28	4.5	<0.01	3.4	0.3	2.48	1	<0.5	<0.2		
170.95	172.45	1.50	1068429	6.52	0.249	0.6	88.4	367.9	603	10.8	4.9	10.5	905	5.54	45.2	209.4	10.4	51	7.4	4.2	87.2	26	1.77	0.047	8	5	0.87	53	<0.001	3	0.48	0.006	0.31	1.5	0.02	3.2	0.3	3.08	1	<0.5	0.2		
172.45	173.95	1.50	1068430	5.66	0.058	0.7	54.9	89.5	285	1.7	4.2	8.3	601	3.84	32.6	77.0	10.6	60	3.3	2.6	9.6	57	1.68	0.049	15	8	0.87	47	0.007	2	1.44	0.028	0.19	0.1	0.02	4.6	0.2	1.17	5	0.5	<0.2		
173.95	175.55	1.60	1068431	6.50	0.052	0.5	42.7	67.8	205	1.2	3.6	8.7	876	3.53	49.9	41.2	12.1	38	2.2	4.3	3.4	32	1.42	0.045	15	6	0.57	43	<0.001	2	0.45	0.003	0.18	0.2	0.03	4.7	0.2	1.35	1	<0.5	<0.2		
175.55	177.55	2.00	1068432	7.85	0.108	1.4	82.9	198.4	725	2.1	4.3	7.6	2302	4.41	151.4	108.5	10.3	56	8.9	8.5	4.8	18	1.86	0.049	8	2	0.77	56	<0.001	2	0.37	0.003	0.28	0.2	0.07	2.6	0.3	2.38	1	<0.5	<0.2		
		STANDARD PM1129	1068433	0.11	3.922	199.6	2357.9	71.7	89	32.6	32.9	23.5	634	4.44	44.3	3615.3	1.9	116	0.2	71.3	1.7	59	1.15	0.066	6	17	0.98	54	0.115	2	1.58	0.110	0.19	0.2	10.48	1.9	0.1	1.83	4	0.7	19.4	0.244	
177.55	179.20	1.65	1068434	7.54	1.039	49.8	296.0	2576.4	5180	11.8	3.2	5.7	5636	6.94	3990.2	654.0	4.3	63	75.0	89.7	17.9	4	3.59	0.028	2	3	1.18	19	<0.001	2	0.23	0.004	0.18	0.3	0.26	1.0	0.3	7.01	<1	2.7	0.5		
179.20	180.30	1.10	1068435	4.17	0.022	0.8	31.9	16.3	150	0.6	4.2	8.8	709	2.85	30.9	11.8	11.7	36	1.7	3.4	1.4	41	1.16	0.055	22	5	0.46	33	0.002	1	0.70	0.004	0.14	<0.1	0.08	7.0	0.2	0.51	2	<0.5	<0.2		
180.30	181.40	1.10	1068436	4.66	0.043	2.2	39.1	26.9	87	0.7	4.6	9.4	723	2.83	24.0	33.4	10.4	60	0.6	9.6	2.4	37	2.13	0.057	24	5	0.44	59	0.002	1	0.66	0.003	0.14	<0.1	0.10	6.1	0.3	0.80	2	<0.5	<0.2		
181.40	182.90	1.50	1068437	6.17	0.029	0.6	47.2	15.0	55	0.3	3.9	7.5	376	3.40	40.3	25.3	9.8	50	0.3	1.1	2.7	62	1.47	0.054	13	10	0.98	51	0.040	<1	1.52	0.075	0.17	<0.1	0.01	5.0	0.2	0.89	5	<0.5	<0.2		
182.90	184.40	1.50	1068438	5.33	0.010	1.1	38.8	14.9	57	0.3	4.4	8.1	396	3.17	15.2	10.0	10.4	58	0.4	0.9	1.9	65	1.45	0.053	12	12	1.01	55	0.031	<1	1.56	0.070	0.16	<0.1	<0.01	5.5	0.2	0.69	5	<0.5	<0.2		
184.40	185.90	1.50	1068439	6.36	0.028	1.0	47.7	30.9	81	0.4	3.9	7.3	417	3.38	31.8	68.6	10.0	55	0.7	1.1	2.8	58	1.99	0.054	14	9	1.04	35	0.004	1	1.61	0.038	0.15	<0.1	0.01	4.8	0.2	0.91	6	<0.5	<0.2		
185.90	187.40	1.50	1068440	5.27	0.019	1.5	68.9	24.3	58	0.5	4.0	7.5	398	3.33	34.5	23.8	10.4	52	0.4	1.9	6.9	62	1.51	0.050	13	11	0.93	50	0.032	<1	1.55	0.069	0.18	<0.1	<0.01	4.9	0.2	0.80	6	<0.5	<0.2		
187.40	188.70	1.30	1068441	6.71	0.030	1.0	35.9	24.4	53	0.4	4.1	9.8	378	3.53	24.5	36.1	9.2	51	0.3	1.1	4.2	69	1.32	0.053	11	9	0.96	67	0.081	1	1.49	0.074	0.19	0.1	<0.01	5.0	0.2	0.88	5	<0.5	<0.2		
		FIELD DUPLICATE	1068442	2.52	0.029	0.8	24.4	20.3	52	0.3	4.5	11.6	377	3.46	19.2	29.7	8.8	50	0.3	0.8	2.4	71	1.27	0.053	10	11	0.97	66	0.081	<1	1.48	0.068	0.19	0.1	<0.01	4.9	0.1	0.81	5	<0.5	<0.2		
188.70	190.20	1.50	1068443	6.13	0.115	0.6	135.6	375.5	1123	2.5	3.5	7.2	2925	3.19	771.6	90.8	9.1	100	15.1	6.4	10.9	14	4.39	0.042	10	2	0.88	65	<0.001	3	0.42	0.005	0.25	0.3	0.03	3.0	0.3	1.89	1	<0.5	<0.2		
190.20	191.70	1.50	1068444	5.25	0.015	0.7	38.3	27.7	148	0.6	4.6	10.4	626	2.98	33.8	21.6	10.8	83	1.7	1.4	1.3	55	2.09	0.052	15	12	0.84	101	0.016	2	1.52	0.036	0.21	0.2	<0.01	5.1	0.2	0.53	4	<0.5	<0.2		
191.70	193.20	1.50	1068445	5.05	0.028	1.0	176.8	65.5	305	1.1	3.7	6.9	1981	2.30	213.7	27.7	12.2	112	3.8	2.8	2.5	23	3.85	0.047	13	3	0.82	102	0.002	2	0.71	0.009	0.23	0.5	0.02	3.6	0.3	0.78	2	<0.5	<0.2		
193.20	195.00	1.80	1068446	7.25	0.009	0.5	14.4	12.8	43	0.4	4.2	10.7	605	2.78	14.3	6.8	10.5	102	0.2	1.2	0.9	46	3.24	0.048	15	10	0.81	68	0.011	<1	1.56	0.023	0.18	0.2	0.02	4.6	0.2	0.52	4	<0.5	<0.2		
195.00	196.50	1.50	1068447	6.59	<0.005	0.5	13.7	12.2	46	0.1	4.2	8.8	402	2.70	8.5	6.2	10.4	57	0.2	0.4	1.0	60	1.84	0.050	12	9	0.83	64	0.072	<1	1.27	0.075	0.19	<0.1	<0.01	4.5	0.1	0.40	4	<0.5	<0.2		
196.50	198.00	1.5	1068448	6.62	0.007	0.3	19.3	16.1	48	0.3	4.4	7.6	457	2.83	9.2	4.1	11.0	50	0.2	0.4	6.2	65	1.58	0.051	11	14	0.93	63	0.080	1	1.35	0.082	0.17	<0.1	<0.01	4.8	0.1	0.36	5	<0.5	<0.2		
198.00	199.50	1.5	1068449	6.56	0.010	0.4	8.1	10.2	48	0.1	4.3	8.0	752	2.71	17.7	8.6	9.9	88	0.2	0.4	0.5	44	2.65	0.048	13	8	0.86	80	0.006	1	1.33	0.038	0.19	<0.1	<0.01	4.9	0.2	0.62	5	<0.5	<0.2		
199.50	201.00	1.5	1068450	5.97	0.012	0.2	7.2	9.7	44	0.1	4.0	8.1	718	2.64	14.7	9.1	10.4	77	0.1	0.4	0.4	48	2.57	0.047	14	11	0.83	52	0.019	1	1.33	0.032	0.19	<0.1	<0.01	4.5	0.1	0.46	4	<0.5	<0.2		
201.00	202.50	1.5	1068451	5.65	0.012	0.4	7.2	11.4	53	<0.1	4.2	8.6	644	2.87	12.1	5.4	9.6	58	0.3	0.3	0.3	56	2.30	0.051	12	10	0.86	51	0.043	1	1.31	0.045	0.17	<0.1	<0.01	4.2	0.1	0.49	5	<0.5	<0.2		
202.50	204.00	1.5	1068452	4.90	<0.005	0.6	1.5	7.6	34	<0.1	3.9	7.2	296	2.65	3.2	1.2	10.3	32	0.1	0.3	0.1	69	0.93	0.050	8	13	0.82	59	0.152	1	1.16	0.082	0.11	0.2	<0.01	2.7	<0.1	0.06	5	<0.5	<0.2		
		BLANK	1068453	0.67	<0.005	<0.1	2.6	1.6	11	<0.1	1.5	0.6	242	0.37	<0.5	<0.5	<0.1	37	<0.1	<0.1	<0.1	<2	17.55	0.012	<1	<1	9.54	101	<0.001	<1	0.02	0.002	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
204.00	205.75	1.75	1068454	6.30	<0.005	0.4	5.7	8.8	38	<0.1	4.1	8.5	372	2.61	3.9	1.7	9.7	35	0.2	0.4	0.2	62	1.15	0.049	9	13	0.88	37	0.113	2	1.27	0.064	0.10	0.1	<0.01	3.3	<0.1	0.21	5	<0.5	<0.2		
205.75	207.70	1.95	1068455	8.36	<0.005	0.8	20.1	9.8	44	0.1	4.7	9.8	357	2.86	4.9	2.1	10.6	36	0.2	0.4	0.8	70	1.06	0.052	9	11	0.92	56	0.146	1	1.41	0.086	0.12	0.2	<0.01	3.5	<0.1	0.37	5	<0.5	<0.2		
207.70	209.20	1.5	1068456	6.47	0.009	0.6	59.4	32.2	79	0.8	5.0	11.3	516	3.57	16.9	9.4	9.8	40	0.5	1.0	4.3	72	1.29	0.058	10	13	1.33	33	0.050	<1	1.93	0.042	0.10	0.1	0.03	4.2	<0.1	0.77	6	<0.5	<0.2		
209.20	210.70	1.5	1068457	5.08	0.006	0.6	29.4	14.8	64	0.3	4.8	10.3	463	2.99	12.5	5.8	10.1	41	0.4	0.6	1.4	63	1.39	0.051	11	15	1.07	34	0.039	<1	1.64	0.056	0.10	<0.1	0.01	4.5	<0.1	0.54	6	<0.5	<0.2		
210.70	212.20	1.5	1068458	5.56	<0.005	0.4	39.8	19.9	58	0.4	4.4	8.3	424	2.77	15.5	4.5	9.2	39	0.4	1.0	3.2	46	1.83	0.051	15	9	1.00	50	0.008	1	1.52	0.037	0.16	<0.1	<0.01	3.6	0.1	0.91	5	<0.5	<0.2		
212.20	212.90	0.7	1068459	2.08	0.021	0.4	127.8	40.6	86	1.5	4.1	14.9	414	4.06	27.7	16.2	8.9	29	0.8	1.3	11.3	56	2.10	0.050	17	8	1.17	40	0.001	2	1.68	0.023	0.20	<0.1	<0.01	4.5	0.2	2.18	6	<0.5	0.4		
212.90	213.95	1.05	1068460	3.59	0.016	0.4	63.1	29.6	69	0.6	3.1	7.5	390	2.71	18.7	8.1	9.4	34	0.7	0.9	6.4	46	2.12	0.045	17	9	0.93	26	0.003	1	1.32	0.021	0.16	<0.1	<0.01	3.2	0.1	1.00	5	<0.5	<0.2		
213.95	215.45	1.5	1068461	5.95	0.012	1.2	49.4	26.8	64	0.4	5.5	10.5	408	2.74	10.2	10.2	9.3	35	0.5	0.6	3.0	52	1.61	0.051	14	11	1.07	31	0.072	<1	1.45	0.044	0.11	0.1	<0.01	3.8	<0.1	0.74	5	<0.5	<0.2		
		STANDARD PM436	1068462	0.11	0.264	9.7	134.5	7.8	50	0.2	27.4	35.5	512	3.22	1380.7	363.8	3.0	81	0.2	2.1	4.3	78	1.50	0.055	7	47	0.77	132	0.138	4	1.86	0.208	0.27	0.4	<0.01	2.9	<0.1	0.13	5	1.8	0.6		
215.45	216.95	1.5	1068463	6.59	0.018	5.3	16.6	10.6	41	0.1	5.0	10.5	409	2.92	8.2	<0.5	9.7	38	0.1	0.3	1.0	72	1.11	0.056	8	15	0.98	53	0.147	<1	1.40	0.094	0.13	0.1	<0.01

Etzel Project
DDH ET-11-03
Assay Results

From	To	Interval Width	Sample	WGHT Wgt KG	G6 Au GM/T	1DX15 Mo PPM	1DX15 Cu PPM	1DX15 Pb PPM	1DX15 Zn PPM	1DX15 Ag PPM	1DX15 Ni PPM	1DX15 Co PPM	1DX15 Mn PPM	1DX15 Fe %	1DX15 As PPM	1DX15 Au PPB	1DX15 Th PPM	1DX15 Sr PPM	1DX15 Cd PPM	1DX15 Sb PPM	1DX15 Bi PPM	1DX15 V PPM	1DX15 Ca %	1DX15 P %	1DX15 La PPM	1DX15 Cr PPM	1DX15 Mg %	1DX15 Ba PPM	1DX15 Ti %	1DX15 B PPM	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W PPM	1DX15 Hg PPM	1DX15 Sc PPM	1DX15 Tl PPM	1DX15 S %	1DX15 Ga PPM	1DX15 Se PPM	1DX15 Te PPM	7TD Cu %
271.50	273.30	1.8	**1068504**	7.97	0.085	0.7	264.7	29.0	72	1.9	4.7	6.5	354	4.97	95.8	62.5	8.5	18	0.8	0.7	7.4	54	0.58	0.051	7	12	1.30	53	0.061	3	1.80	0.032	0.26	0.9	<0.01	3.4	0.2	2.66	7	<0.5	0.3	
273.30	274.80	1.5	**1068505**	6.19	0.147	2.1	694.2	43.9	77	3.8	4.0	8.4	166	4.70	132.9	134.6	8.2	12	0.9	0.6	10.8	29	0.48	0.050	6	6	0.67	33	0.029	2	1.04	0.019	0.24	0.6	<0.01	1.9	0.1	3.94	4	0.6	1.1	
274.80	276.30	1.5	**1068506**	6.80	0.077	1.3	244.0	28.6	82	1.6	3.3	6.3	267	3.56	61.1	71.2	8.1	22	1.1	0.6	4.2	47	0.85	0.056	7	10	1.09	31	0.055	1	1.51	0.051	0.17	0.4	<0.01	2.6	0.1	1.84	5	<0.5	0.2	
276.30	277.80	1.5	**1068507**	6.29	0.024	1.4	109.2	56.9	108	1.6	7.1	16.2	328	3.30	18.3	19.3	7.7	45	1.2	0.3	6.4	47	1.54	0.048	10	9	1.18	45	0.059	2	1.87	0.124	0.17	0.3	<0.01	3.4	0.2	1.51	6	<0.5	0.3	
277.80	279.30	1.5	**1068508**	6.07	0.015	0.5	66.3	31.3	87	0.8	5.3	9.2	306	2.68	19.8	15.4	7.9	35	0.9	0.5	4.0	56	1.20	0.050	8	13	1.01	35	0.082	1	1.44	0.077	0.09	0.3	<0.01	2.8	0.1	0.92	5	<0.5	<0.2	
279.30	280.80	1.5	**1068509**	6.23	0.009	0.4	51.7	13.3	80	0.4	5.0	9.7	308	2.70	10.7	8.2	6.5	39	0.8	0.5	1.9	57	0.90	0.060	7	10	1.06	34	0.116	2	1.53	0.083	0.07	0.3	<0.01	2.5	0.1	0.83	5	<0.5	<0.2	
		STANDARD PM436	**1068510**	0.14	0.390	9.7	131.8	7.4	47	0.2	25.6	34.3	474	3.12	1323.8	323.2	2.9	79	0.3	1.9	4.4	79	1.36	0.054	7	46	0.74	126	0.127	4	1.69	0.191	0.26	0.4	<0.01	2.7	<0.1	0.13	5	2.4	0.7	
280.80	282.30	1.5	**1068511**	5.67	0.037	1.0	128.6	29.8	105	1.7	4.4	8.6	311	2.87	25.8	18.8	7.7	65	1.4	0.4	11.8	59	0.82	0.048	6	11	1.17	33	0.073	1	1.46	0.058	0.07	0.3	<0.01	3.1	<0.1	1.19	5	<0.5	0.3	
282.30	283.80	1.5	**1068512**	5.16	0.446	1.0	1814.3	116.4	463	11.2	3.2	5.3	330	2.93	34.7	414.1	7.7	32	9.5	0.9	92.9	53	0.96	0.049	5	12	1.13	28	0.062	2	1.51	0.063	0.09	0.3	0.02	3.0	<0.1	1.18	5	0.6	0.9	0.190
283.80	285.30	1.5	**1068513**	6.62	0.012	0.4	52.7	28.9	270	0.9	4.0	5.5	372	2.52	13.7	4.2	10.0	33	4.5	0.6	5.5	56	1.17	0.054	9	13	1.17	27	0.082	2	1.46	0.058	0.09	0.3	<0.01	3.9	0.1	0.58	5	<0.5	<0.2	
285.30	286.80	1.5	**1068514**	5.68	0.014	0.4	69.1	23.7	214	0.8	3.7	4.5	368	2.49	26.3	7.2	9.7	37	3.3	1.2	6.1	55	1.55	0.051	11	11	1.10	20	0.045	1	1.45	0.068	0.10	0.2	<0.01	4.3	0.1	0.58	5	<0.5	<0.2	
286.80	288.30	1.5	**1068515**	6.08	0.018	0.6	69.0	27.7	148	0.9	3.5	4.1	406	2.30	18.8	17.2	9.5	40	2.3	0.5	5.9	52	1.75	0.054	13	13	1.07	19	0.032	<1	1.42	0.061	0.11	0.1	<0.01	4.3	<0.1	0.54	5	<0.5	<0.2	
288.30	289.80	1.5	**1068516**	5.33	0.013	0.5	50.8	15.3	65	0.5	3.9	5.5	307	2.09	16.6	13.4	8.9	37	0.7	0.6	3.0	54	1.16	0.052	8	10	1.02	35	0.109	2	1.38	0.076	0.07	0.2	<0.01	3.5	<0.1	0.55	5	<0.5	<0.2	
289.80	291.30	1.5	**1068517**	6.14	0.015	0.5	45.3	12.8	52	0.2	4.4	7.1	310	2.55	17.0	14.0	8.5	32	0.5	0.6	3.3	60	1.03	0.052	8	14	0.98	45	0.108	1	1.27	0.067	0.09	0.2	<0.01	3.5	<0.1	0.64	5	<0.5	<0.2	
291.30	292.80	1.5	**1068518**	4.97	0.010	0.4	52.6	12.5	48	0.3	3.7	6.2	320	2.23	40.3	12.0	9.0	41	0.4	0.7	2.5	58	1.48	0.052	10	10	0.94	31	0.103	2	1.30	0.079	0.08	0.2	<0.01	4.2	0.2	0.51	5	<0.5	<0.2	
		FIELD DUPLICATE	**1068519**	2.18	0.012	0.4	48.4	13.4	48	0.3	3.7	5.6	290	2.22	42.0	9.2	9.4	38	0.4	0.6	2.9	57	1.30	0.053	10	12	0.93	34	0.101	1	1.29	0.071	0.08	0.2	<0.01	3.7	0.1	0.55	5	<0.5	<0.2	
292.80	294.00	1.2	**1068520**	5.28	0.027	0.4	57.2	18.9	50	0.4	8.6	5.1	361	2.31	30.8	17.7	5.4	71	0.3	0.7	6.2	79	1.93	0.089	11	44	1.09	35	0.136	2	1.71	0.161	0.06	0.2	0.02	5.3	<0.1	0.53	6	<0.5	<0.2	
294.00	295.50	1.5	**1068521**	5.36	0.029	0.6	78.0	36.3	63	1.0	4.2	6.6	310	2.52	9.7	28.4	8.7	39	0.5	0.6	20.9	57	1.29	0.053	10	12	1.09	35	0.076	1	1.44	0.064	0.09	0.2	<0.01	3.0	<0.1	0.63	5	<0.5	0.4	
295.50	297.00	1.5	**1068522**	6.68	0.008	0.2	8.5	8.9	42	0.1	4.8	9.4	319	2.61	5.7	6.3	8.5	43	0.3	0.4	1.2	67	1.33	0.051	9	11	0.99	73	0.118	2	1.37	0.067	0.10	0.2	<0.01	3.5	<0.1	0.35	5	<0.5	<0.2	
297.00	298.80	1.8	**1068523**	6.12	0.009	0.5	19.5	12.4	65	0.3	4.3	9.3	399	2.93	11.8	7.9	8.7	51	0.5	0.4	2.7	62	1.68	0.053	11	14	1.09	31	0.060	2	1.50	0.069	0.10	<0.1	<0.01	4.7	<0.1	0.75	5	<0.5	<0.2	
		BLANK	**1068524**	1.44	<0.005	0.2	4.8	1.1	12	<0.1	1.3	0.6	184	0.41	0.8	<0.5	<0.1	39	0.2	0.2	0.1	<2	17.60	0.017	<1	<1	11.33	15	<0.001	<1	0.03	0.003	0.02	<0.1	<0.01	0.2	<0.1	0.07	<1	<0.5	<0.2	
298.80	300.50	1.7	**1068525**	6.95	0.042	1.0	47.7	27.3	72	0.7	4.2	10.0	695	3.11	50.8	39.1	7.7	92	0.5	0.9	3.4	39	3.96	0.046	13	9	0.81	51	<0.001	2	1.37	0.009	0.20	0.2	<0.01	3.4	0.1	0.86	4	<0.5	<0.2	
300.50	302.35	1.85	**1068526**	7.30	0.011	1.9	29.4	11.6	61	0.4	4.0	6.9	375	2.77	12.2	16.6	7.3	53	0.3	0.8	4.3	66	1.45	0.050	10	10	1.02	65	0.106	1	1.48	0.079	0.16	0.1	<0.01	3.8	<0.1	0.39	5	<0.5	<0.2	
302.35	303.85	1.5	**1068527**	2.79	<0.005	0.8	17.0	37.7	70	0.2	5.0	8.1	534	2.50	7.0	3.1	7.0	189	0.6	1.0	1.1	41	3.06	0.074	16	9	0.91	56	0.002	<1	1.43	0.012	0.14	0.1	0.04	2.9	<0.1	0.25	4	<0.5	<0.2	
303.85	305.35	1.5	**1068528**	6.14	0.023	0.2	52.5	31.3	68	0.5	4.0	8.3	484	2.83	88.3	15.4	9.4	139	0.6	0.7	4.4	60	2.46	0.046	13	10	1.09	36	0.013	<1	1.61	0.024	0.15	0.2	<0.01	4.0	<0.1	0.51	5	<0.5	<0.2	
305.35	306.85	1.5	**1068529**	5.01	0.079	0.3	15.9	80.5	334	0.6	3.8	7.6	2714	2.81	437.3	64.7	7.7	160	4.6	1.2	1.5	52	5.09	0.046	12	10	0.96	52	0.016	<1	1.35	0.024	0.14	0.3	0.02	3.4	<0.1	0.66	4	<0.5	0.2	
306.85	308.35	1.5	**1068530**	3.79	0.014	0.2	32.8	14.9	41	0.6	4.3	9.5	503	3.01	16.5	18.8	9.1	168	0.2	0.8	3.6	57	2.36	0.048	13	11	1.21	31	0.005	1	1.72	0.020	0.12	0.2	0.02	3.9	<0.1	0.73	6	<0.5	0.2	
308.35	309.67	1.32	**1068531**	6.06	1.923	0.3	139.9	9.4	40	0.9	4.9	10.7	429	3.49	20.4	2549.5	9.0	242	0.3	0.8	5.7	54	3.23	0.051	18	13	1.32	41	0.002	<1	2.03	0.012	0.15	0.3	0.04	4.1	<0.1	1.35	6	<0.5	0.7	

APPENDIX 6

Diamond Drill Assay Certificates

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 29, 2011
Report Date: November 01, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001536.2

CLIENT JOB INFORMATION

Project: Etzel Project
Shipment ID: ETZEL11-005
P.O. Number
Number of Samples: 100

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	96	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	100	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	100	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	7	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Etzel Project included.

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
Canada

CC: Jay Page
Andrew Wilkins

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001536.2

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068201	Rock	0.73	<0.005	<0.1	2.0	1.1	13	<0.1	2.1	0.6	218	0.44	<0.5	<0.5	<0.1	41	<0.1	<0.1	<0.1	<2	23.25
1068202	Drill Core	5.00	0.075	13.4	274.1	326.6	841	3.2	4.7	8.3	2087	4.41	452.6	79.2	9.2	61	9.4	60.3	5.7	21	1.89
1068203	Drill Core	4.73	0.110	5.5	55.4	355.0	668	1.7	3.8	7.8	3369	3.30	515.8	102.7	9.9	79	8.7	14.2	3.0	12	2.61
1068204	Drill Core	4.32	0.235	3.6	37.8	50.4	79	0.5	4.2	7.7	2114	2.93	2351	253.1	9.0	98	0.8	16.7	1.4	14	3.18
1068205	Drill Core	3.99	0.088	4.0	85.6	55.0	85	0.5	5.2	10.9	1969	3.01	1383	88.8	9.1	88	1.0	20.1	2.1	16	2.68
1068206	Drill Core	4.65	0.324	10.0	450.9	106.4	150	4.1	5.7	8.9	1176	4.71	1373	435.9	9.7	52	1.7	118.8	9.8	15	1.86
1068207	Drill Core	1.87	0.309	19.8	877.6	112.5	186	5.2	4.5	5.0	290	4.14	426.5	309.8	6.7	11	2.1	217.9	7.0	8	0.38
1068208	Drill Core	3.92	1.117	26.5	504.8	2180	4134	11.2	5.6	10.3	2672	7.33	1079	1070	4.7	48	52.8	94.5	30.5	6	1.62
1068209	Drill Core	3.50	0.419	29.5	328.2	614.2	1451	4.7	11.3	14.5	1910	4.80	330.4	392.4	5.1	124	17.0	37.9	15.3	12	3.11
1068210	Rock Pulp	0.09	0.409	9.3	127.9	7.3	47	0.2	25.1	34.6	484	3.08	1309	382.6	2.9	75	0.3	2.4	4.5	76	1.36
1068211	Drill Core	4.37	0.016	2.1	24.8	13.8	67	<0.1	10.4	8.1	944	2.43	35.1	10.9	4.0	203	0.4	4.3	0.2	14	4.00
1068212	Drill Core	4.42	0.071	2.3	16.9	26.1	242	0.7	7.8	7.4	948	2.39	87.0	3446	4.9	198	3.4	3.9	0.4	15	3.66
1068213	Drill Core	2.34	0.009	3.8	23.3	10.6	124	0.1	12.6	10.6	1131	2.75	46.7	10.7	4.2	184	1.2	6.1	0.1	16	3.98
1068214	Drill Core	2.26	0.575	33.1	464.8	890.7	1946	8.8	9.9	13.6	2694	5.51	354.2	519.8	5.4	127	24.7	91.3	15.3	11	2.84
1068215	Drill Core	5.13	0.135	10.9	107.2	351.2	549	3.1	4.3	6.7	1510	4.09	306.3	124.3	7.5	49	7.1	22.3	6.9	12	1.35
1068216	Drill Core	2.10	0.064	1.3	71.2	118.7	263	1.6	3.5	5.4	1942	3.44	322.3	62.4	10.5	83	4.1	8.7	5.6	22	2.38
1068217	Drill Core	4.87	0.209	8.7	157.1	140.2	433	2.4	6.2	11.3	889	4.77	877.2	199.9	7.3	23	5.3	23.3	8.0	11	0.61
1068218	Drill Core	3.86	0.757	2.0	315.9	148.3	246	4.3	6.5	6.4	1487	6.02	1014	632.2	7.0	22	3.3	28.4	15.2	9	0.61
1068219	Drill Core	2.48	0.668	2.6	330.4	192.2	408	4.8	5.9	5.8	1748	6.51	1415	920.0	6.8	24	5.9	29.5	18.2	10	0.63
1068220	Drill Core	2.45	1.235	0.8	558.0	57.2	104	4.3	3.2	3.6	382	7.31	748.5	1388	6.8	13	1.4	29.9	16.7	11	0.33
1068221	Drill Core	4.17	0.551	0.3	380.2	91.0	108	3.4	4.8	5.3	792	5.69	618.2	554.8	8.1	24	1.4	9.8	17.8	11	0.73
1068222	Drill Core	5.22	0.260	0.9	90.5	85.3	166	1.3	4.8	8.3	1775	3.98	324.0	246.8	9.8	86	1.8	13.3	4.7	23	2.25
1068223	Drill Core	5.95	0.612	7.7	186.0	263.9	670	3.4	5.1	6.2	2094	3.66	1708	682.8	7.5	92	10.4	32.7	16.5	16	2.53
1068224	Rock	0.70	<0.005	<0.1	1.2	1.3	14	<0.1	1.7	0.8	197	0.37	<0.5	<0.5	<0.1	38	<0.1	<0.1	<0.1	<2	22.84
1068225	Drill Core	4.84	0.903	3.3	390.4	186.8	438	4.0	4.7	7.0	5009	4.13	1319	963.1	8.9	67	4.7	62.9	20.1	15	2.06
1068226	Drill Core	4.02	0.040	0.2	13.8	15.7	58	0.3	3.9	6.2	385	2.81	9.7	38.1	10.3	47	0.6	0.5	1.4	59	1.53
1068227	Drill Core	3.29	0.019	0.2	5.9	6.7	47	<0.1	4.0	8.8	389	2.84	7.4	16.3	8.2	64	0.2	0.8	0.3	60	1.41
1068228	Drill Core	3.74	0.164	0.2	28.8	12.3	66	0.3	4.2	7.4	459	3.35	15.0	138.5	8.7	57	0.3	1.1	2.3	75	1.52
1068229	Drill Core	4.12	0.104	0.5	27.1	13.8	59	0.3	4.0	9.0	537	3.25	17.3	93.6	9.1	71	0.2	2.5	2.3	61	1.79
1068230	Drill Core	5.12	0.284	0.6	91.5	38.4	87	0.8	4.3	8.9	536	3.59	45.1	336.2	9.3	72	0.8	1.9	6.9	58	1.69

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001536.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068201	Rock	0.015	<1	<1	11.04	12	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
1068202	Drill Core	0.046	9	3	0.79	59	<0.001	3	0.52	0.005	0.35	0.2	0.22	3.6	0.5	2.60	1	<0.5	<0.2	
1068203	Drill Core	0.047	9	4	0.87	43	<0.001	3	0.39	0.004	0.29	0.3	0.13	3.2	0.4	2.10	<1	<0.5	<0.2	
1068204	Drill Core	0.048	13	5	1.00	103	<0.001	3	0.44	0.005	0.28	0.2	0.07	4.1	0.5	1.41	1	<0.5	<0.2	
1068205	Drill Core	0.057	17	2	0.88	90	<0.001	3	0.51	0.006	0.33	0.3	0.08	5.6	0.7	1.86	1	<0.5	<0.2	
1068206	Drill Core	0.059	11	6	0.59	55	<0.001	2	0.62	0.006	0.44	0.3	0.36	4.3	0.5	4.57	1	<0.5	0.5	
1068207	Drill Core	0.044	5	1	0.15	28	<0.001	2	0.39	0.003	0.34	0.1	0.60	1.2	0.3	4.69	1	<0.5	0.6	
1068208	Drill Core	0.041	4	<1	0.54	13	<0.001	1	0.32	0.004	0.21	0.4	0.32	2.1	0.4	7.61	1	2.7	3.0	
1068209	Drill Core	0.103	12	5	1.00	23	<0.001	1	0.57	0.005	0.30	0.4	0.14	3.3	0.3	4.03	1	1.4	1.1	
1068210	Rock Pulp	0.055	7	42	0.76	126	0.116	2	1.66	0.187	0.28	0.4	0.02	2.3	<0.1	0.12	4	2.0	0.6	
1068211	Drill Core	0.143	32	6	1.27	1130	0.001	2	0.62	0.005	0.28	0.1	0.02	3.5	0.3	0.13	1	<0.5	<0.2	
1068212	Drill Core	0.120	29	7	1.17	564	0.001	2	0.77	0.006	0.32	0.3	0.03	3.5	0.3	0.29	1	<0.5	<0.2	
1068213	Drill Core	0.151	32	9	1.34	233	0.001	2	0.63	0.005	0.29	<0.1	0.03	3.1	0.2	0.16	1	<0.5	<0.2	
1068214	Drill Core	0.094	11	5	0.99	34	<0.001	2	0.55	0.004	0.30	0.6	0.23	3.1	0.3	5.08	1	1.2	1.9	
1068215	Drill Core	0.045	10	4	0.63	53	<0.001	3	0.53	0.005	0.37	0.2	0.21	2.6	0.4	3.22	1	<0.5	0.3	
1068216	Drill Core	0.062	16	3	1.04	49	<0.001	3	0.50	0.005	0.37	0.2	0.13	4.3	0.4	1.24	1	<0.5	<0.2	
1068217	Drill Core	0.051	5	4	0.39	44	<0.001	1	0.45	0.005	0.38	0.2	0.15	1.6	0.4	4.46	1	0.6	0.2	
1068218	Drill Core	0.041	3	2	0.41	30	<0.001	1	0.33	0.004	0.28	0.2	0.11	1.8	0.3	5.81	<1	1.0	1.3	
1068219	Drill Core	0.038	3	4	0.41	35	<0.001	2	0.38	0.005	0.32	0.2	0.15	1.8	0.4	6.27	1	0.7	1.0	
1068220	Drill Core	0.045	4	2	0.27	38	<0.001	1	0.42	0.005	0.34	0.2	0.06	1.6	0.3	7.49	1	0.7	0.5	
1068221	Drill Core	0.051	5	5	0.47	41	<0.001	1	0.37	0.005	0.33	0.2	0.07	1.7	0.4	5.21	1	0.8	0.5	
1068222	Drill Core	0.050	10	3	0.97	41	<0.001	1	0.41	0.004	0.29	0.2	0.18	3.3	0.3	2.31	1	<0.5	<0.2	
1068223	Drill Core	0.048	10	4	0.83	47	<0.001	3	0.45	0.004	0.30	0.3	0.20	3.2	0.4	2.34	<1	<0.5	<0.2	
1068224	Rock	0.016	<1	<1	10.60	10	<0.001	<1	0.03	0.001	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
1068225	Drill Core	0.043	12	4	0.63	43	<0.001	3	0.65	0.007	0.29	0.2	0.23	3.0	0.4	3.09	2	<0.5	0.3	
1068226	Drill Core	0.052	12	10	0.99	148	0.054	2	1.29	0.068	0.14	<0.1	<0.01	4.0	0.1	0.61	5	<0.5	<0.2	
1068227	Drill Core	0.052	12	13	0.97	355	0.053	2	1.23	0.063	0.12	0.1	<0.01	3.2	<0.1	0.37	5	<0.5	<0.2	
1068228	Drill Core	0.055	12	9	0.99	154	0.058	1	1.34	0.062	0.17	0.3	<0.01	4.5	0.1	0.68	5	<0.5	<0.2	
1068229	Drill Core	0.053	13	9	0.98	141	0.040	1	1.35	0.052	0.25	0.1	<0.01	4.6	0.2	0.97	5	<0.5	<0.2	
1068230	Drill Core	0.049	13	11	0.96	90	0.016	2	1.27	0.050	0.23	0.1	<0.01	4.7	0.2	1.39	5	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001536.2

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068231	Drill Core	2.76	0.125	0.3	56.7	42.2	122	0.5	4.0	8.0	448	3.56	129.3	144.3	9.8	58	1.1	1.5	2.9	67	1.30
1068232	Drill Core	3.82	1.902	2.1	761.5	203.8	345	5.9	4.3	5.4	1516	4.70	483.7	1624	8.5	44	4.3	62.8	14.8	18	1.51
1068233	Rock Pulp	0.10	3.617	196.8	2348	75.8	90	32.5	32.0	22.7	625	4.34	46.0	3837	1.8	121	0.3	79.7	1.9	59	1.12
1068234	Drill Core	4.18	0.536	0.5	174.9	153.1	256	2.4	3.5	4.4	1945	3.52	1053	483.5	9.5	59	3.1	9.2	12.7	15	2.10
1068235	Drill Core	4.05	0.217	0.4	19.3	26.3	65	0.6	3.8	7.5	352	3.57	12.6	1087	9.3	56	0.4	0.8	6.8	48	1.70
1068236	Drill Core	4.69	0.029	0.3	7.3	11.3	51	0.2	4.4	8.1	371	3.16	5.6	16.0	10.2	57	0.2	0.6	1.0	57	1.62
1068237	Drill Core	5.29	0.052	0.2	26.0	26.5	87	0.4	3.7	4.6	352	2.92	7.1	45.5	8.4	53	1.1	0.8	2.3	50	1.65
1068238	Drill Core	3.76	0.277	0.3	84.3	36.6	85	0.7	3.5	7.1	659	3.15	56.2	234.9	9.4	61	0.9	6.2	4.2	34	1.96
1068239	Drill Core	4.23	0.328	1.0	246.9	336.5	697	3.6	4.3	6.7	1559	4.54	301.5	363.0	7.2	39	9.0	17.4	10.8	10	1.28
1068240	Drill Core	4.00	0.394	0.4	222.3	55.8	155	1.6	4.3	6.0	848	4.47	98.3	427.8	7.7	37	1.6	8.6	7.6	17	1.30
1068241	Drill Core	2.63	3.287	0.4	503.4	36.2	78	2.4	3.4	3.9	570	4.04	116.1	3419	7.9	43	0.6	7.5	6.1	17	1.61
1068242	Drill Core	1.45	0.872	0.3	416.0	28.7	77	1.7	4.2	3.8	625	3.72	78.3	984.1	8.4	43	0.8	4.4	5.8	20	1.67
1068243	Drill Core	4.37	0.146	0.3	22.8	9.2	55	0.2	3.8	5.4	359	2.84	5.6	134.3	7.4	45	0.3	1.1	1.6	44	1.73
1068244	Drill Core	4.06	0.091	0.5	12.6	19.6	62	0.3	5.3	16.3	433	5.06	12.9	68.1	6.1	53	0.2	0.7	3.0	68	1.82
1068245	Drill Core	4.48	0.080	0.5	10.3	26.7	70	0.6	3.1	12.6	530	4.20	15.1	88.4	8.3	60	0.4	0.6	4.5	87	1.73
1068246	Drill Core	4.09	0.009	0.4	9.7	14.7	55	0.1	2.8	10.7	471	3.72	8.7	23.2	6.3	271	0.1	0.4	1.0	88	1.18
1068247	Drill Core	4.80	<0.005	0.4	20.0	11.1	56	<0.1	1.1	9.7	446	3.29	6.9	11.0	7.9	36	0.2	0.5	0.5	80	0.84
1068248	Drill Core	4.43	<0.005	0.5	23.7	10.5	58	0.1	2.0	11.4	493	3.71	6.6	31.3	5.4	43	0.2	0.4	0.9	80	1.10
1068249	Drill Core	5.17	0.007	0.7	48.6	13.6	60	0.2	8.0	13.5	439	3.82	8.6	14.1	6.1	37	0.2	0.4	1.5	89	0.92
1068250	Drill Core	4.19	0.009	0.8	17.1	10.8	55	0.2	7.2	17.3	406	4.26	7.9	19.5	4.9	974	0.1	0.3	1.4	88	1.35
1068251	Drill Core	4.36	1.056	1.0	321.8	146.1	251	2.1	10.5	24.5	3550	7.51	599.2	1071	3.2	116	3.1	4.6	8.2	62	2.84
1068252	Drill Core	4.12	<0.005	1.1	15.6	9.1	53	0.1	6.8	15.6	427	4.04	6.4	6.9	4.9	107	0.1	0.4	1.0	111	1.55
1068253	Rock	1.05	<0.005	<0.1	1.2	1.1	12	<0.1	<0.1	1.0	164	0.37	1.0	<0.5	<0.1	34	<0.1	<0.1	<0.1	<2	18.95
1068254	Drill Core	4.58	<0.005	0.6	14.1	11.0	59	0.1	7.0	15.5	450	3.85	12.4	7.3	3.8	76	0.1	0.2	1.1	90	1.27
1068255	Drill Core	5.71	<0.005	0.3	16.5	12.5	52	0.1	2.1	11.6	380	3.68	11.4	8.9	3.2	37	0.2	0.2	0.9	69	0.97
1068256	Drill Core	5.73	<0.005	0.9	13.8	9.4	49	<0.1	3.5	14.3	389	3.76	8.6	5.7	4.3	59	0.1	0.3	0.7	81	1.12
1068257	Drill Core	4.92	0.130	0.4	54.4	11.5	54	0.4	5.8	15.3	368	4.47	44.4	165.5	4.7	41	0.2	0.4	2.8	78	1.31
1068258	Drill Core	5.71	<0.005	1.7	34.9	5.0	52	0.1	8.5	22.8	407	4.47	6.2	10.3	2.5	66	<0.1	0.2	0.6	121	1.02
1068259	Drill Core	5.13	0.009	1.0	33.6	9.0	57	0.2	8.5	21.2	357	4.31	13.7	22.6	3.6	47	0.1	0.2	0.9	92	1.09
1068260	Drill Core	5.68	0.018	0.3	25.7	12.2	53	0.2	13.1	13.4	329	4.10	9.7	14.8	4.7	101	0.2	0.2	1.4	102	1.99

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001536.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068231	Drill Core	0.048	14	12	1.01	82	0.026	1	1.43	0.067	0.21	0.2	0.01	5.0	0.2	1.21	5	<0.5	<0.2	
1068232	Drill Core	0.044	8	2	0.61	43	0.002	3	0.44	0.008	0.29	3.4	0.18	3.0	0.3	3.97	1	0.6	0.4	
1068233	Rock Pulp	0.064	6	17	0.98	88	0.108	<1	1.64	0.115	0.20	0.3	10.67	1.8	0.1	1.77	4	0.9	18.8	0.238
1068234	Drill Core	0.042	7	2	0.76	35	<0.001	3	0.42	0.006	0.24	0.9	0.06	2.8	0.2	2.29	1	<0.5	<0.2	
1068235	Drill Core	0.049	12	8	0.96	43	0.018	2	1.27	0.044	0.15	<0.1	<0.01	3.8	0.2	1.73	5	<0.5	<0.2	
1068236	Drill Core	0.059	13	10	1.07	78	0.053	2	1.22	0.055	0.14	0.2	<0.01	4.3	0.1	1.09	5	<0.5	<0.2	
1068237	Drill Core	0.049	11	8	0.95	47	0.012	2	1.40	0.037	0.12	<0.1	<0.01	3.9	0.1	1.03	4	<0.5	<0.2	
1068238	Drill Core	0.057	16	4	0.60	31	0.002	2	0.68	0.003	0.18	0.2	0.03	5.8	0.2	1.60	2	<0.5	<0.2	
1068239	Drill Core	0.048	4	2	0.59	36	<0.001	2	0.31	0.003	0.25	0.3	0.08	2.3	0.3	3.81	<1	<0.5	0.3	
1068240	Drill Core	0.049	7	3	0.64	39	<0.001	2	0.36	0.004	0.26	0.2	0.05	2.7	0.2	3.19	<1	0.7	1.2	
1068241	Drill Core	0.046	10	2	0.60	38	<0.001	2	0.45	0.004	0.23	0.1	0.04	2.8	0.2	2.89	1	<0.5	0.5	
1068242	Drill Core	0.052	11	4	0.68	41	<0.001	2	0.50	0.004	0.23	0.1	0.04	3.3	0.2	2.21	1	<0.5	0.3	
1068243	Drill Core	0.051	11	8	0.95	98	0.005	3	1.27	0.046	0.15	<0.1	<0.01	4.0	0.1	0.83	4	<0.5	<0.2	
1068244	Drill Core	0.086	9	11	1.33	36	0.057	2	1.67	0.060	0.23	0.1	<0.01	4.8	0.1	3.08	6	0.6	0.2	
1068245	Drill Core	0.082	10	10	1.40	56	0.093	1	1.80	0.095	0.42	0.1	<0.01	5.7	0.2	1.38	6	<0.5	<0.2	
1068246	Drill Core	0.074	8	11	1.43	147	0.120	2	1.71	0.073	0.20	0.3	<0.01	4.3	0.1	0.61	6	<0.5	<0.2	
1068247	Drill Core	0.068	8	3	1.30	113	0.143	2	1.45	0.067	0.16	0.2	<0.01	3.9	<0.1	0.67	5	0.7	<0.2	
1068248	Drill Core	0.079	8	5	1.43	83	0.123	2	1.76	0.080	0.16	0.2	<0.01	3.9	<0.1	1.10	6	0.7	<0.2	
1068249	Drill Core	0.082	6	19	1.47	76	0.146	2	1.71	0.068	0.18	0.3	<0.01	4.6	0.1	1.01	6	<0.5	<0.2	
1068250	Drill Core	0.078	7	17	1.34	52	0.104	2	1.69	0.088	0.21	0.1	<0.01	4.1	0.2	1.65	6	1.0	<0.2	
1068251	Drill Core	0.098	5	13	0.87	23	0.017	2	2.14	0.144	0.32	0.2	<0.01	4.3	0.4	5.57	5	0.6	1.1	
1068252	Drill Core	0.096	7	13	1.52	117	0.163	2	2.59	0.184	0.38	0.2	<0.01	4.4	0.3	0.86	7	0.7	<0.2	
1068253	Rock	0.016	<1	<1	10.32	13	0.003	<1	0.04	0.003	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
1068254	Drill Core	0.077	5	14	1.50	89	0.131	1	2.43	0.160	0.24	0.2	<0.01	4.8	0.1	1.12	7	<0.5	<0.2	
1068255	Drill Core	0.089	6	2	1.16	75	0.142	1	1.63	0.066	0.20	0.2	<0.01	4.5	0.1	1.20	5	<0.5	<0.2	
1068256	Drill Core	0.097	6	6	1.34	106	0.149	2	2.12	0.158	0.22	0.2	<0.01	4.0	0.1	0.78	6	<0.5	<0.2	
1068257	Drill Core	0.087	6	12	1.51	43	0.127	2	1.89	0.075	0.12	0.3	<0.01	3.5	<0.1	2.21	6	0.9	<0.2	
1068258	Drill Core	0.042	3	15	1.77	74	0.190	2	2.68	0.222	0.59	0.2	<0.01	8.0	0.4	1.23	8	<0.5	<0.2	
1068259	Drill Core	0.063	4	14	1.69	72	0.179	2	2.15	0.118	0.31	0.2	<0.01	5.8	0.2	1.54	7	0.8	<0.2	
1068260	Drill Core	0.129	7	34	1.40	87	0.114	2	3.11	0.303	0.14	0.4	<0.01	3.3	<0.1	1.26	8	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001536.2

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068261	Drill Core	6.01	<0.005	0.4	11.2	9.7	60	0.2	8.9	15.2	334	4.21	7.6	9.3	4.9	47	0.2	0.3	1.6	85	1.19
1068262	Rock Pulp	0.10	0.351	10.5	130.2	7.7	51	0.2	26.7	35.0	504	3.27	1310	383.7	3.0	78	0.3	2.0	4.4	78	1.38
1068263	Drill Core	7.01	0.006	0.4	22.9	12.1	60	0.3	9.0	19.4	368	4.41	9.5	12.3	4.8	71	0.2	0.2	4.0	80	1.54
1068264	Drill Core	5.46	<0.005	0.5	8.3	10.2	50	0.1	7.6	11.7	312	3.90	8.0	7.3	4.4	156	0.2	0.2	0.7	115	1.89
1068265	Drill Core	5.26	<0.005	1.0	18.1	6.9	43	0.2	9.0	15.6	307	3.55	5.4	2.0	3.8	51	<0.1	0.2	1.1	93	0.94
1068266	Drill Core	5.18	<0.005	0.6	13.0	23.7	48	0.4	5.3	12.6	270	3.27	11.5	2.3	5.9	39	0.4	0.2	2.9	55	1.19
1068267	Drill Core	5.70	<0.005	0.3	6.6	10.2	44	0.2	5.0	9.0	374	3.20	6.2	2.4	6.6	42	0.2	0.2	1.2	70	1.51
1068268	Drill Core	4.04	<0.005	0.2	25.1	8.7	38	0.2	3.9	7.5	282	3.03	4.2	4.5	7.1	40	0.2	0.2	1.5	69	1.20
1068269	Drill Core	3.14	<0.005	0.2	60.9	19.7	59	0.3	21.5	10.1	378	3.29	4.1	3.2	8.9	60	0.6	0.4	2.0	72	1.49
1068270	Drill Core	3.86	0.442	13.1	3767	174.1	353	13.7	14.9	13.9	1471	5.89	883.6	460.2	6.8	35	4.8	101.6	455.9	16	1.43
1068271	Drill Core	2.96	0.628	12.0	6666	226.1	499	29.5	8.1	14.3	1328	6.80	1410	638.9	6.6	34	6.8	167.2	802.1	15	1.42
1068272	Drill Core	3.66	2.092	18.3	>10000	357.3	721	62.5	5.5	9.0	1478	7.40	2972	2092	5.5	23	9.2	930.8	>2000	13	1.07
1068273	Drill Core	5.51	0.026	0.6	110.6	38.4	85	1.0	4.5	11.9	1269	3.58	56.9	24.0	6.6	78	0.8	6.8	8.6	21	2.46
1068274	Drill Core	6.17	0.016	0.4	127.2	13.0	49	0.5	4.6	9.1	408	3.15	11.0	13.2	8.6	63	0.2	2.3	7.3	64	1.78
1068275	Drill Core	6.07	0.009	0.7	67.0	7.8	47	0.3	5.0	10.9	354	3.45	5.5	9.6	8.7	53	0.2	0.3	4.1	71	1.39
1068276	Drill Core	6.21	0.006	1.1	53.1	9.4	46	0.3	4.7	10.3	395	3.38	6.6	8.7	8.8	71	0.2	0.5	3.8	61	1.69
1068277	Drill Core	4.92	<0.005	2.1	4.3	8.8	60	0.1	4.9	9.6	354	3.27	2.5	3.3	9.4	49	0.5	0.3	0.7	72	1.35
1068278	Drill Core	6.26	0.006	1.6	18.2	4.1	36	<0.1	5.1	10.5	305	3.24	3.5	6.0	8.9	44	<0.1	0.4	1.1	77	1.37
1068279	Drill Core	4.78	<0.005	1.4	22.2	7.1	38	0.2	4.4	9.3	281	2.98	4.0	5.6	8.6	45	0.1	0.5	3.9	71	1.41
1068280	Drill Core	2.68	0.020	1.0	193.3	40.5	85	1.0	3.8	8.6	397	3.35	30.6	24.2	9.3	49	0.8	1.0	11.7	65	1.94
1068281	Rock	0.93	0.006	<0.1	2.4	1.4	14	<0.1	1.4	0.6	198	0.42	<0.5	<0.5	<0.1	40	<0.1	<0.1	<0.1	<2	22.58
1068282	Drill Core	4.44	0.218	22.7	1785	110.2	254	8.9	7.7	12.4	775	5.54	140.8	221.5	10.3	57	3.2	20.4	30.2	43	2.24
1068283	Drill Core	5.18	0.008	0.5	47.2	14.8	47	0.3	4.9	8.0	307	3.18	24.7	5.5	7.8	55	0.2	0.7	2.9	76	1.58
1068284	Drill Core	6.04	0.011	0.3	58.8	15.1	48	0.6	5.4	10.7	385	3.91	10.7	12.2	8.6	65	0.2	0.6	10.1	78	1.91
1068285	Drill Core	4.62	<0.005	0.4	19.4	15.0	44	0.3	5.0	10.0	525	3.44	12.4	6.4	8.7	78	0.2	0.8	2.4	67	2.12
1068286	Drill Core	5.31	<0.005	0.5	44.2	12.1	42	0.3	5.8	13.7	339	3.65	4.6	17.3	7.8	76	0.2	0.5	8.1	76	1.54
1068287	Drill Core	8.69	<0.005	0.2	68.1	23.4	45	0.6	4.6	8.9	303	3.13	7.3	8.9	8.6	64	0.4	0.7	33.9	71	1.40
1068288	Drill Core	5.64	0.541	2.6	2655	642.9	1850	24.6	6.2	11.8	1599	4.16	189.0	348.2	7.2	94	27.1	27.2	73.4	22	3.08
1068289	Drill Core	4.36	0.006	0.3	160.4	23.4	57	1.0	4.6	12.1	434	3.54	51.0	11.9	8.6	86	0.6	9.4	6.7	36	2.43
1068290	Rock Pulp	0.05	3.587	189.4	2317	68.9	86	32.2	35.5	25.2	596	4.32	43.3	3572	1.7	105	0.5	68.9	1.7	57	1.09

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001536.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068261	Drill Core	0.110	7	23	1.71	62	0.164	2	1.93	0.077	0.12	0.3	<0.01	4.0	0.1	1.49	7	<0.5	<0.2	
1068262	Rock Pulp	0.055	7	47	0.76	126	0.126	3	1.74	0.194	0.26	0.4	<0.01	2.9	<0.1	0.12	5	1.8	0.6	
1068263	Drill Core	0.101	5	15	1.59	44	0.129	1	2.31	0.164	0.09	0.3	<0.01	3.9	<0.1	2.22	6	<0.5	0.2	
1068264	Drill Core	0.099	7	18	1.28	176	0.145	3	3.21	0.327	0.25	0.2	<0.01	3.3	0.1	0.54	8	<0.5	<0.2	
1068265	Drill Core	0.082	6	30	1.26	105	0.160	2	1.68	0.137	0.20	0.2	<0.01	3.0	0.1	0.69	5	<0.5	<0.2	
1068266	Drill Core	0.056	7	9	1.19	40	0.088	2	1.37	0.051	0.11	0.3	<0.01	3.1	<0.1	1.58	5	<0.5	<0.2	
1068267	Drill Core	0.057	9	15	1.13	59	0.082	1	1.33	0.064	0.12	0.1	<0.01	5.0	<0.1	0.78	5	<0.5	<0.2	
1068268	Drill Core	0.053	9	11	0.94	66	0.105	<1	1.19	0.073	0.11	0.2	<0.01	4.1	<0.1	0.46	5	<0.5	<0.2	
1068269	Drill Core	0.058	12	13	1.08	139	0.065	2	1.43	0.085	0.16	<0.1	<0.01	5.7	0.2	0.46	5	0.6	<0.2	
1068270	Drill Core	0.050	5	3	0.50	38	<0.001	2	0.33	0.006	0.21	18.2	0.40	2.6	0.3	5.25	<1	2.1	1.5	0.372
1068271	Drill Core	0.046	5	3	0.43	36	<0.001	2	0.33	0.007	0.22	67.2	0.82	2.5	0.3	6.15	1	2.2	2.5	0.705
1068272	Drill Core	0.044	3	2	0.39	34	<0.001	1	0.31	0.005	0.22	2.5	3.34	2.1	0.5	6.57	1	3.8	6.2	1.750
1068273	Drill Core	0.051	16	3	0.81	70	<0.001	3	0.44	0.009	0.25	0.9	0.05	4.7	0.4	1.52	1	<0.5	<0.2	
1068274	Drill Core	0.053	13	10	0.94	59	0.030	2	1.33	0.062	0.19	0.3	0.01	5.4	0.2	0.75	5	<0.5	<0.2	
1068275	Drill Core	0.057	11	13	1.08	85	0.068	1	1.44	0.079	0.14	1.2	<0.01	5.1	0.1	0.75	6	<0.5	<0.2	
1068276	Drill Core	0.051	14	10	0.98	84	0.018	<1	1.37	0.052	0.18	0.1	<0.01	5.6	0.2	0.63	5	<0.5	<0.2	
1068277	Drill Core	0.054	11	13	1.05	108	0.072	<1	1.36	0.084	0.16	<0.1	<0.01	5.3	0.1	0.31	5	<0.5	<0.2	
1068278	Drill Core	0.061	10	13	1.08	123	0.125	2	1.35	0.083	0.13	0.2	<0.01	4.3	<0.1	0.49	5	<0.5	<0.2	
1068279	Drill Core	0.052	10	12	1.02	72	0.097	1	1.39	0.085	0.13	0.2	<0.01	4.7	0.1	0.46	5	<0.5	<0.2	
1068280	Drill Core	0.057	16	11	1.12	71	0.018	1	1.66	0.062	0.13	<0.1	0.02	6.4	0.1	0.90	6	<0.5	<0.2	
1068281	Rock	0.015	<1	<1	11.67	15	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
1068282	Drill Core	0.108	18	5	0.71	33	0.001	2	0.79	0.009	0.26	0.7	0.10	4.2	0.3	3.24	3	0.9	0.6	0.178
1068283	Drill Core	0.055	12	13	1.07	63	0.068	1	1.61	0.075	0.15	0.1	0.01	5.3	0.2	0.49	5	<0.5	<0.2	
1068284	Drill Core	0.060	11	13	1.17	52	0.048	2	1.62	0.069	0.15	0.2	<0.01	5.9	0.1	1.26	6	<0.5	0.4	
1068285	Drill Core	0.058	12	11	1.06	149	0.023	1	1.42	0.044	0.19	0.1	<0.01	5.7	0.2	0.87	5	<0.5	0.3	
1068286	Drill Core	0.068	9	15	1.20	54	0.084	1	1.38	0.075	0.22	0.2	<0.01	4.3	0.1	0.98	5	<0.5	0.2	
1068287	Drill Core	0.050	11	12	1.00	75	0.047	1	1.40	0.080	0.19	0.1	<0.01	5.1	0.2	0.77	5	<0.5	0.8	
1068288	Drill Core	0.048	7	2	1.03	54	<0.001	2	0.36	0.007	0.26	4.8	0.15	3.2	0.3	2.22	<1	<0.5	1.3	0.291
1068289	Drill Core	0.054	13	4	0.77	52	<0.001	2	0.63	0.014	0.19	0.2	0.05	3.9	0.2	1.63	2	<0.5	0.5	
1068290	Rock Pulp	0.064	6	18	0.95	58	0.107	1	1.51	0.104	0.19	0.3	8.93	1.5	0.1	1.76	4	0.6	18.2	0.250

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001536.2

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068291	Drill Core	2.62	0.069	0.4	796.0	19.5	69	2.7	4.5	10.6	366	3.70	23.5	71.0	9.1	79	1.0	4.2	18.5	40	2.44
1068292	Drill Core	5.19	0.006	0.3	137.4	13.8	45	0.7	5.0	11.5	297	3.47	9.5	17.2	9.0	49	0.2	0.8	18.4	72	1.44
1068293	Drill Core	3.79	<0.005	0.4	56.0	6.6	35	0.7	4.4	13.9	372	2.70	5.8	5.2	7.7	82	0.1	1.3	2.2	54	2.55
1068294	Drill Core	3.05	0.011	0.8	94.0	35.0	144	0.8	3.5	13.7	1206	2.71	59.4	23.8	15.0	23	1.8	4.0	0.7	38	0.60
1068295	Drill Core	3.01	0.012	1.9	98.6	13.6	65	0.6	4.7	22.3	484	3.26	17.3	20.4	13.1	33	0.3	2.0	0.9	39	0.96
1068296	Drill Core	3.47	0.005	0.6	63.0	11.0	61	0.2	2.8	11.0	424	2.32	7.3	11.4	11.2	34	0.2	0.6	0.3	54	1.11
1068297	Drill Core	3.67	<0.005	1.3	41.1	15.0	60	0.2	2.8	14.4	524	2.50	13.2	10.1	11.8	47	0.3	0.5	0.3	48	1.63
1068298	Drill Core	1.20	0.008	1.1	11.1	12.6	85	0.2	3.1	10.9	498	2.71	38.6	14.1	10.6	27	0.4	0.7	0.2	48	0.82
1068299	Drill Core	3.13	0.015	1.3	31.4	37.4	143	0.6	4.2	15.5	902	3.17	85.8	25.7	13.8	16	1.0	2.3	0.3	39	0.30
1068300	Drill Core	2.77	<0.005	1.2	16.2	43.7	197	0.4	3.8	10.6	725	3.06	18.4	5.6	11.5	29	1.5	0.8	0.6	51	0.85

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001536.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068291	Drill Core	0.051	12	4	0.81	48	0.002	1	0.57	0.017	0.18	0.3	0.06	4.1	0.2	1.65	2	<0.5	5.0	
1068292	Drill Core	0.054	11	11	1.11	36	0.020	2	1.46	0.064	0.12	0.2	<0.01	5.4	<0.1	1.24	6	<0.5	0.7	
1068293	Drill Core	0.048	12	10	0.95	118	0.016	1	1.40	0.031	0.08	0.3	<0.01	3.8	<0.1	0.66	5	<0.5	0.4	
1068294	Drill Core	0.050	23	5	0.44	130	0.002	1	0.97	0.012	0.22	0.1	0.05	3.6	0.2	0.25	3	<0.5	<0.2	
1068295	Drill Core	0.055	21	10	0.76	119	0.003	1	1.19	0.034	0.20	<0.1	<0.01	3.7	0.2	0.93	4	<0.5	<0.2	
1068296	Drill Core	0.049	12	7	0.79	164	0.043	<1	1.17	0.048	0.14	<0.1	<0.01	3.9	<0.1	0.23	4	<0.5	<0.2	
1068297	Drill Core	0.047	11	7	0.85	258	0.033	1	1.19	0.043	0.18	0.1	0.01	3.8	0.1	0.38	4	<0.5	<0.2	
1068298	Drill Core	0.046	20	8	0.74	213	0.009	<1	1.29	0.010	0.14	<0.1	0.06	3.3	<0.1	0.15	4	<0.5	<0.2	
1068299	Drill Core	0.052	26	6	0.48	284	0.001	<1	1.02	0.009	0.15	0.1	0.06	3.9	0.1	0.10	4	<0.5	<0.2	
1068300	Drill Core	0.050	20	8	0.90	64	0.005	<1	1.51	0.025	0.15	0.1	0.04	4.4	0.1	0.34	5	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001536.2

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1068203	Drill Core	4.73	0.110	5.5	55.4	355.0	668	1.7	3.8	7.8	3369	3.30	515.8	102.7	9.9	79	8.7	14.2	3.0	12	2.61
REP 1068203	QC		0.104																		
1068214	Drill Core	2.26	0.575	33.1	464.8	890.7	1946	8.8	9.9	13.6	2694	5.51	354.2	519.8	5.4	127	24.7	91.3	15.3	11	2.84
REP 1068214	QC			30.6	440.4	857.4	1887	8.5	9.4	13.4	2584	5.13	345.7	552.5	5.1	120	24.5	83.1	15.1	9	2.80
1068225	Drill Core	4.84	0.903	3.3	390.4	186.8	438	4.0	4.7	7.0	5009	4.13	1319	963.1	8.9	67	4.7	62.9	20.1	15	2.06
REP 1068225	QC		0.906																		
1068231	Drill Core	2.76	0.125	0.3	56.7	42.2	122	0.5	4.0	8.0	448	3.56	129.3	144.3	9.8	58	1.1	1.5	2.9	67	1.30
REP 1068231	QC			0.2	57.9	42.5	124	0.5	4.2	8.1	460	3.57	130.3	569.0	10.4	59	1.2	1.5	3.1	66	1.28
1068245	Drill Core	4.48	0.080	0.5	10.3	26.7	70	0.6	3.1	12.6	530	4.20	15.1	88.4	8.3	60	0.4	0.6	4.5	87	1.73
REP 1068245	QC		0.072																		
1068251	Drill Core	4.36	1.056	1.0	321.8	146.1	251	2.1	10.5	24.5	3550	7.51	599.2	1071	3.2	116	3.1	4.6	8.2	62	2.84
REP 1068251	QC			1.0	321.6	142.2	250	2.1	10.9	25.0	3598	7.52	594.9	1148	3.2	123	3.0	4.5	7.9	63	2.85
1068265	Drill Core	5.26	<0.005	1.0	18.1	6.9	43	0.2	9.0	15.6	307	3.55	5.4	2.0	3.8	51	<0.1	0.2	1.1	93	0.94
REP 1068265	QC			1.0	18.3	7.1	43	0.2	8.7	15.5	313	3.57	5.3	2.6	3.7	49	0.1	0.2	1.1	89	0.89
1068269	Drill Core	3.14	<0.005	0.2	60.9	19.7	59	0.3	21.5	10.1	378	3.29	4.1	3.2	8.9	60	0.6	0.4	2.0	72	1.49
REP 1068269	QC			0.2	61.5	18.4	61	0.3	21.6	10.3	385	3.28	4.3	3.0	8.7	59	0.6	0.5	2.0	73	1.53
1068296	Drill Core	3.47	0.005	0.6	63.0	11.0	61	0.2	2.8	11.0	424	2.32	7.3	11.4	11.2	34	0.2	0.6	0.3	54	1.11
REP 1068296	QC		<0.005																		
1068299	Drill Core	3.13	0.015	1.3	31.4	37.4	143	0.6	4.2	15.5	902	3.17	85.8	25.7	13.8	16	1.0	2.3	0.3	39	0.30
REP 1068299	QC			1.3	32.4	37.2	146	0.6	4.0	16.0	914	3.21	85.2	25.4	13.5	15	1.1	2.3	0.3	40	0.31
Core Reject Duplicates																					
1068232	Drill Core	3.82	1.902	2.1	761.5	203.8	345	5.9	4.3	5.4	1516	4.70	483.7	1624	8.5	44	4.3	62.8	14.8	18	1.51
DUP 1068232	QC		2.451	1.9	720.6	203.1	339	5.2	4.3	5.5	1538	4.86	503.4	1862	8.6	44	4.4	56.1	15.2	18	1.54
1068267	Drill Core	5.70	<0.005	0.3	6.6	10.2	44	0.2	5.0	9.0	374	3.20	6.2	2.4	6.6	42	0.2	0.2	1.2	70	1.51
DUP 1068267	QC		<0.005	0.3	6.6	9.4	41	0.2	4.7	8.3	348	3.09	6.1	4.6	6.0	40	0.2	0.2	1.0	65	1.43
Reference Materials																					
STD DS8	Standard			12.5	109.0	120.0	308	1.7	37.2	7.2	578	2.42	25.5	105.7	6.5	68	2.4	5.8	6.8	40	0.70
STD DS8	Standard			13.4	103.9	127.2	303	1.8	38.2	7.4	586	2.40	23.8	102.8	7.1	65	2.3	5.1	6.7	40	0.69

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001536.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																				
1068203	Drill Core	0.047	9	4	0.87	43	<0.001	3	0.39	0.004	0.29	0.3	0.13	3.2	0.4	2.10	<1	<0.5	<0.2	
REP 1068203	QC																			
1068214	Drill Core	0.094	11	5	0.99	34	<0.001	2	0.55	0.004	0.30	0.6	0.23	3.1	0.3	5.08	1	1.2	1.9	
REP 1068214	QC	0.089	10	4	0.96	29	<0.001	4	0.50	0.004	0.28	0.5	0.23	3.1	0.3	4.99	1	2.0	1.9	
1068225	Drill Core	0.043	12	4	0.63	43	<0.001	3	0.65	0.007	0.29	0.2	0.23	3.0	0.4	3.09	2	<0.5	0.3	
REP 1068225	QC																			
1068231	Drill Core	0.048	14	12	1.01	82	0.026	1	1.43	0.067	0.21	0.2	0.01	5.0	0.2	1.21	5	<0.5	<0.2	
REP 1068231	QC	0.051	15	12	1.02	87	0.027	2	1.44	0.067	0.22	0.2	0.01	5.2	0.2	1.20	5	<0.5	<0.2	
1068245	Drill Core	0.082	10	10	1.40	56	0.093	1	1.80	0.095	0.42	0.1	<0.01	5.7	0.2	1.38	6	<0.5	<0.2	
REP 1068245	QC																			
1068251	Drill Core	0.098	5	13	0.87	23	0.017	2	2.14	0.144	0.32	0.2	<0.01	4.3	0.4	5.57	5	0.6	1.1	
REP 1068251	QC	0.099	5	13	0.88	23	0.019	2	2.17	0.143	0.33	0.3	<0.01	4.4	0.4	5.60	5	0.7	0.9	
1068265	Drill Core	0.082	6	30	1.26	105	0.160	2	1.68	0.137	0.20	0.2	<0.01	3.0	0.1	0.69	5	<0.5	<0.2	
REP 1068265	QC	0.083	6	29	1.25	95	0.144	1	1.65	0.127	0.20	0.2	<0.01	2.8	0.1	0.70	5	<0.5	<0.2	
1068269	Drill Core	0.058	12	13	1.08	139	0.065	2	1.43	0.085	0.16	<0.1	<0.01	5.7	0.2	0.46	5	0.6	<0.2	
REP 1068269	QC	0.057	11	14	1.10	139	0.064	2	1.46	0.086	0.16	<0.1	<0.01	5.7	0.1	0.46	5	<0.5	<0.2	
1068296	Drill Core	0.049	12	7	0.79	164	0.043	<1	1.17	0.048	0.14	<0.1	<0.01	3.9	<0.1	0.23	4	<0.5	<0.2	
REP 1068296	QC																			
1068299	Drill Core	0.052	26	6	0.48	284	0.001	<1	1.02	0.009	0.15	0.1	0.06	3.9	0.1	0.10	4	<0.5	<0.2	
REP 1068299	QC	0.051	26	6	0.49	283	0.002	<1	1.04	0.009	0.15	0.1	0.07	4.1	0.1	0.11	4	<0.5	<0.2	
Core Reject Duplicates																				
1068232	Drill Core	0.044	8	2	0.61	43	0.002	3	0.44	0.008	0.29	3.4	0.18	3.0	0.3	3.97	1	0.6	0.4	
DUP 1068232	QC	0.046	8	2	0.60	42	0.002	2	0.45	0.008	0.31	3.1	0.18	2.9	0.3	4.21	1	0.6	0.6	
1068267	Drill Core	0.057	9	15	1.13	59	0.082	1	1.33	0.064	0.12	0.1	<0.01	5.0	<0.1	0.78	5	<0.5	<0.2	
DUP 1068267	QC	0.053	8	14	1.02	56	0.072	1	1.26	0.063	0.11	0.1	<0.01	4.6	<0.1	0.78	5	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.075	15	111	0.61	271	0.109	1	0.91	0.091	0.42	2.9	0.19	1.9	5.4	0.16	4	4.3	4.8	
STD DS8	Standard	0.078	16	113	0.60	276	0.113	3	0.89	0.085	0.39	3.0	0.20	2.2	5.3	0.16	5	5.3	5.0	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001536.2

		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD DS8	Standard			12.8	109.6	109.8	282	1.6	38.0	7.7	566	2.34	22.8	91.9	6.3	58	2.3	4.7	5.8	40	0.67
STD DS8	Standard			13.8	116.7	126.1	316	1.8	38.7	8.2	635	2.57	26.1	110.8	7.5	69	2.5	5.3	6.8	43	0.74
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.304																		
STD OXH82	Standard		1.181																		
STD OXH82	Standard		1.201																		
STD OXH82	Standard		1.317																		
STD OXH82	Standard		1.269																		
STD OXK79	Standard		3.720																		
STD OXK79	Standard		3.409																		
STD OXK79	Standard		3.442																		
STD OXK79	Standard		3.701																		
STD OXK79	Standard		3.833																		
STD OXK79	Standard		3.761																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001536.2

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
STD DS8	Standard	0.070	14	115	0.57	249	0.114	2	0.86	0.082	0.40	2.6	0.17	2.0	4.8	0.16	4	4.4	4.0	
STD DS8	Standard	0.085	16	121	0.64	280	0.133	3	0.99	0.092	0.43	2.8	0.21	2.6	5.6	0.17	5	5.9	4.8	
STD OREAS131B	Standard																			0.022
STD OREAS153A	Standard																			0.682
STD OREAS131B	Standard																			0.023
STD OREAS153A	Standard																			0.727
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD SU-1B	Standard																			1.109
STD SU-1B	Standard																			1.188
STD OXH82 Expected																				
STD OXK79 Expected																				
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS131B Expected																				0.0216
STD SU-1B Expected																				1.185
STD OREAS153A Expected																				0.712
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001536.2

		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.1	1.2	2.9	46	<0.1	3.3	4.1	543	1.84	0.6	0.7	4.5	63	<0.1	<0.1	<0.1	35	0.62
G1	Prep Blank		<0.005	0.2	1.2	3.3	47	<0.1	3.3	4.0	556	1.97	2.3	<0.5	5.2	70	<0.1	<0.1	<0.1	37	0.57

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001536.2

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			<0.001
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			<0.001
Prep Wash																				
G1	Prep Blank	0.074	9	9	0.63	207	0.119	2	1.07	0.117	0.52	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.075	11	6	0.58	223	0.127	1	1.17	0.135	0.55	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 29, 2011
Report Date: November 01, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001537.2

CLIENT JOB INFORMATION

Project: Etzel Project
Shipment ID: ETZEL11-004
P.O. Number
Number of Samples: 100

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	97	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	100	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	100	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	3	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Etzel Project included.

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
Canada

CC: Jay Page
Andrew Wilkins

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001537.2

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068101	Rock	1.02	0.006	<0.1	1.3	0.9	12	<0.1	1.6	0.9	161	0.33	<0.5	3.0	<0.1	34	<0.1	<0.1	<0.1	<2	17.57
1068102	Drill Core	2.52	0.032	1.3	38.3	23.4	360	0.3	5.9	11.8	1043	3.37	48.6	21.9	14.9	8	2.3	1.3	0.7	46	0.29
1068103	Drill Core	5.11	0.014	1.1	22.6	12.4	130	0.2	4.9	10.2	923	2.83	9.7	10.5	12.4	23	1.3	0.8	0.4	50	0.38
1068104	Drill Core	5.19	0.006	1.0	15.1	10.1	158	0.1	4.6	7.6	696	2.75	10.7	7.5	13.3	22	1.4	0.8	0.2	54	0.29
1068105	Drill Core	5.98	0.013	3.7	47.0	73.2	399	1.2	4.4	7.6	1201	2.72	44.0	19.3	13.2	23	5.7	2.4	2.4	42	0.58
1068106	Drill Core	5.02	0.008	1.2	247.3	27.4	283	0.2	5.6	10.7	979	2.69	113.7	10.1	14.8	24	3.7	1.4	0.5	41	0.33
1068107	Drill Core	4.24	0.095	1.9	243.8	136.1	410	2.9	4.1	6.8	204	3.65	246.5	90.2	10.4	20	1.1	4.5	11.1	23	0.06
1068108	Drill Core	4.03	0.267	33.1	237.4	288.5	161	3.4	2.3	3.4	87	4.71	760.2	275.9	12.0	45	0.7	46.9	4.5	13	0.03
1068109	Drill Core	4.52	0.065	3.2	184.5	122.1	386	1.4	3.9	15.0	881	3.39	309.4	72.2	13.6	15	2.7	11.3	1.8	15	0.06
1068110	Core Pulp	0.14	0.382	10.6	133.7	7.6	50	0.2	26.7	34.8	507	3.19	1347	384.8	3.2	77	0.2	2.2	4.6	78	1.44
1068111	Drill Core	4.63	0.010	1.0	77.3	19.2	356	<0.1	5.1	9.7	1297	2.81	74.0	9.1	16.5	23	4.5	2.2	0.3	32	0.22
1068112	Drill Core	4.17	0.084	2.3	77.3	71.0	403	1.0	5.6	15.8	1178	3.78	348.7	69.5	15.2	10	3.4	5.7	2.0	24	0.29
1068113	Drill Core	4.67	0.018	1.6	30.6	50.4	424	0.5	5.3	10.4	1048	3.12	64.9	18.6	14.0	12	2.1	2.0	1.0	43	0.29
1068114	Drill Core	2.32	0.023	2.5	20.0	56.7	513	0.5	4.7	11.0	1873	3.03	91.2	28.3	11.4	23	3.1	3.1	0.9	39	0.46
1068115	Drill Core	4.43	0.034	1.0	9.0	21.4	202	0.2	4.2	7.0	634	2.64	26.0	34.9	10.6	29	1.3	2.2	0.5	51	0.96
1068116	Drill Core	4.13	0.030	1.4	13.9	14.1	129	0.1	4.7	10.4	1280	2.77	50.3	32.1	12.3	49	0.9	2.7	0.4	40	1.69
1068117	Drill Core	5.88	0.006	1.0	7.4	10.8	40	<0.1	4.3	7.1	511	2.36	9.4	9.0	11.2	37	0.2	0.7	<0.1	58	1.12
1068118	Drill Core	5.11	0.010	0.8	7.0	13.1	52	<0.1	4.4	7.6	595	2.70	6.3	7.6	12.1	61	0.2	0.6	0.1	59	1.41
1068119	Drill Core	3.14	0.035	0.9	9.5	13.4	54	0.1	4.2	7.5	645	2.65	8.9	53.8	12.5	62	0.2	0.7	0.2	54	1.49
1068120	Drill Core	4.54	0.008	0.8	8.2	13.3	77	0.1	4.6	9.1	797	2.71	12.2	9.0	12.0	44	0.3	1.1	0.3	44	1.49
1068121	Drill Core	5.11	0.008	1.3	3.0	9.6	65	<0.1	4.5	6.7	682	2.56	22.7	12.4	11.0	46	0.3	0.9	0.2	46	1.39
1068122	Drill Core	2.62	0.017	1.4	2.7	8.8	66	<0.1	4.2	6.2	675	2.32	15.1	16.5	12.1	51	0.2	1.1	0.2	37	1.85
1068123	Drill Core	3.61	0.025	1.5	4.5	19.3	115	0.1	4.8	9.8	734	2.94	60.6	33.2	13.4	45	0.6	3.1	0.3	39	1.91
1068124	Rock	1.07	<0.005	<0.1	0.5	0.9	10	<0.1	0.7	0.9	182	0.32	<0.5	2.5	<0.1	31	<0.1	<0.1	<0.1	<2	17.45
1068125	Drill Core	4.11	0.014	1.7	95.2	94.7	162	<0.1	5.9	7.9	690	2.82	184.4	20.9	15.1	25	1.5	2.9	0.4	49	0.38
1068126	Drill Core	4.18	0.010	1.2	30.8	39.2	381	0.2	5.2	8.7	1788	3.03	34.3	11.5	11.7	26	4.3	1.5	0.5	38	0.75
1068127	Drill Core	4.95	1.078	1.5	3220	2339	1127	88.2	5.8	7.4	2819	6.57	1599	1055	8.8	27	17.5	510.5	1351	9	1.10
1068128	Rock	1.14	<0.005	<0.1	2.6	1.8	11	<0.1	2.3	1.3	174	0.34	1.0	1.0	<0.1	34	<0.1	0.3	0.4	3	16.68
1068129	Rock	0.92	<0.005	<0.1	6.2	3.7	15	<0.1	1.7	1.3	178	0.38	0.9	3.4	<0.1	33	<0.1	0.8	1.5	<2	17.59
1068130	Drill Core	4.59	0.008	0.5	12.9	25.1	131	0.2	5.0	12.1	1151	2.66	25.9	16.3	11.4	52	1.2	1.7	0.8	21	1.66

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001537.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068101	Rock	0.012	<1	<1	9.90	26	<0.001	<1	0.01	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
1068102	Drill Core	0.055	27	8	0.86	23	0.001	1	1.61	0.006	0.11	0.1	0.11	4.1	0.1	0.16	5	<0.5	<0.2	
1068103	Drill Core	0.050	21	10	0.89	189	0.011	2	1.37	0.045	0.14	<0.1	0.03	4.7	0.1	0.19	5	<0.5	<0.2	
1068104	Drill Core	0.048	18	11	0.82	190	0.014	2	1.30	0.061	0.14	<0.1	0.01	4.7	<0.1	0.10	5	<0.5	<0.2	
1068105	Drill Core	0.043	19	9	0.64	78	0.006	2	1.04	0.042	0.19	0.9	0.01	3.9	0.2	0.14	4	0.5	<0.2	
1068106	Drill Core	0.041	18	8	0.63	76	0.012	1	1.51	0.038	0.17	0.2	<0.01	4.3	0.2	0.15	4	<0.5	<0.2	
1068107	Drill Core	0.036	19	5	0.14	51	<0.001	1	0.79	0.018	0.24	0.3	0.03	2.7	0.2	0.16	2	0.8	0.4	
1068108	Drill Core	0.048	13	3	0.03	100	<0.001	2	0.38	0.012	0.36	0.2	0.21	1.5	0.4	0.46	<1	0.7	0.3	
1068109	Drill Core	0.041	17	2	0.11	54	<0.001	2	0.56	0.012	0.25	0.1	0.19	2.9	0.4	0.25	1	<0.5	<0.2	
1068110	Core Pulp	0.055	7	45	0.80	128	0.127	3	1.75	0.196	0.27	0.4	<0.01	2.7	<0.1	0.13	5	2.1	0.7	
1068111	Drill Core	0.041	23	8	0.62	373	0.002	2	1.23	0.028	0.20	0.1	0.03	3.4	0.2	0.33	4	<0.5	<0.2	
1068112	Drill Core	0.055	21	5	0.23	40	<0.001	2	0.89	0.009	0.18	0.2	0.16	4.5	0.3	1.28	2	<0.5	<0.2	
1068113	Drill Core	0.054	21	8	0.83	35	0.002	1	1.57	0.008	0.16	0.1	0.35	4.2	0.2	0.43	5	0.6	<0.2	
1068114	Drill Core	0.048	21	8	0.92	206	0.001	<1	1.46	0.018	0.16	<0.1	0.33	3.6	0.2	0.36	4	<0.5	<0.2	
1068115	Drill Core	0.047	15	10	0.97	37	0.007	<1	1.53	0.037	0.15	0.2	0.14	4.8	0.1	0.23	5	0.6	<0.2	
1068116	Drill Core	0.045	19	9	0.91	194	0.007	2	1.30	0.028	0.15	0.2	0.02	3.8	0.2	0.56	4	<0.5	<0.2	
1068117	Drill Core	0.048	13	14	0.84	142	0.090	2	1.08	0.063	0.12	0.2	<0.01	3.5	<0.1	0.11	4	<0.5	<0.2	
1068118	Drill Core	0.051	12	14	0.99	651	0.085	1	1.28	0.064	0.13	0.2	<0.01	4.7	<0.1	0.06	5	<0.5	<0.2	
1068119	Drill Core	0.052	13	14	1.04	688	0.076	1	1.36	0.065	0.14	0.2	<0.01	4.6	<0.1	0.08	5	<0.5	<0.2	
1068120	Drill Core	0.054	15	11	1.07	209	0.007	3	1.62	0.047	0.19	<0.1	<0.01	4.4	0.2	0.20	5	<0.5	<0.2	
1068121	Drill Core	0.051	13	12	1.00	299	0.024	3	1.40	0.048	0.20	<0.1	<0.01	4.2	0.2	0.40	5	<0.5	<0.2	
1068122	Drill Core	0.048	14	9	0.95	267	0.009	2	1.36	0.039	0.20	<0.1	<0.01	3.7	0.2	0.42	4	<0.5	<0.2	
1068123	Drill Core	0.053	20	9	0.98	140	0.003	2	1.40	0.022	0.19	0.3	0.10	3.9	0.2	0.74	4	<0.5	<0.2	
1068124	Rock	0.012	<1	<1	9.84	14	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
1068125	Drill Core	0.065	19	11	1.00	47	0.003	<1	1.94	0.012	0.14	0.2	0.07	4.6	0.1	0.24	5	<0.5	0.2	
1068126	Drill Core	0.052	19	9	0.83	78	0.005	2	1.37	0.029	0.20	<0.1	0.02	4.2	0.2	0.36	4	<0.5	<0.2	
1068127	Drill Core	0.063	5	5	0.40	31	<0.001	2	0.43	0.007	0.31	0.3	1.45	1.7	0.4	6.47	1	1.6	2.7	0.347
1068128	Rock	0.015	<1	<1	9.38	19	0.007	<1	0.04	0.002	0.04	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
1068129	Rock	0.011	<1	<1	9.91	9	<0.001	<1	0.01	0.001	<0.01	<0.1	<0.01	0.1	<0.1	0.05	<1	<0.5	<0.2	
1068130	Drill Core	0.044	17	5	0.58	102	0.001	2	0.61	0.015	0.25	0.1	0.04	3.0	0.3	1.03	2	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001537.2

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068131	Drill Core	4.42	<0.005	0.6	7.6	10.2	104	<0.1	4.3	8.0	875	2.65	4.3	5.6	11.6	57	0.4	1.4	0.5	41	1.43
1068132	Drill Core	4.02	0.018	0.7	15.0	39.1	366	0.4	5.1	9.7	1028	3.27	17.8	23.7	13.1	41	3.7	2.7	1.1	42	1.36
1068133	Core Pulp	0.14	3.479	191.6	2372	78.5	92	32.9	33.7	23.3	638	4.47	44.5	3889	2.0	111	0.4	76.9	1.8	57	1.15
1068134	Drill Core	4.23	0.006	0.5	19.6	20.7	518	0.3	4.5	9.2	2403	3.61	18.2	24.1	11.6	36	4.8	2.3	0.9	42	0.75
1068135	Drill Core	4.71	0.007	0.6	13.2	18.3	103	0.3	5.0	9.8	1257	2.90	23.2	22.5	13.9	67	0.3	1.5	0.9	39	1.75
1068136	Drill Core	5.43	<0.005	0.6	3.0	5.9	39	<0.1	4.8	8.4	519	2.68	4.2	1.1	12.7	57	0.1	1.2	0.2	62	1.25
1068137	Drill Core	4.40	<0.005	0.6	3.4	7.2	47	<0.1	5.2	8.9	618	2.76	4.2	2.6	12.6	66	0.2	1.0	0.2	58	1.70
1068138	Drill Core	5.63	0.018	0.6	7.2	8.8	68	<0.1	4.4	7.8	528	2.67	106.4	28.5	11.1	44	0.4	0.9	0.3	61	0.83
1068139	Drill Core	5.36	<0.005	0.6	4.4	8.7	43	<0.1	4.5	7.0	352	2.47	5.1	<0.5	12.1	42	0.1	0.6	<0.1	62	0.76
1068140	Drill Core	2.23	<0.005	0.4	9.1	12.7	70	0.1	4.3	5.8	440	2.31	7.2	0.7	10.7	52	0.5	0.9	0.2	61	0.81
1068141	Drill Core	5.59	0.245	0.9	54.5	50.3	338	1.1	4.4	8.1	2092	3.11	814.2	284.1	9.1	60	3.2	13.2	3.8	14	2.10
1068142	Drill Core	2.46	0.279	0.9	48.1	44.3	272	0.9	4.2	8.3	1850	3.00	1017	307.2	9.5	59	2.8	12.6	3.9	15	2.08
1068143	Drill Core	5.06	0.009	0.7	21.6	24.0	243	0.3	4.9	7.8	1218	2.87	23.8	12.4	11.3	81	2.5	6.8	0.8	36	2.45
1068144	Drill Core	4.99	0.193	0.9	74.6	29.0	104	0.7	5.0	7.8	1474	3.17	115.0	173.2	11.8	58	0.9	23.6	9.9	30	1.77
1068145	Drill Core	4.29	0.083	0.6	41.0	44.2	218	0.7	4.5	8.6	1141	3.08	80.7	229.1	11.8	90	2.4	8.8	5.5	29	2.41
1068146	Drill Core	5.16	0.017	0.5	9.1	15.1	134	0.2	4.3	7.8	816	2.54	15.0	10.3	13.1	88	1.5	2.0	0.5	42	2.16
1068147	Drill Core	3.70	0.123	0.8	13.7	28.8	191	0.5	5.0	11.8	1894	2.82	1502	144.3	8.6	51	2.0	8.8	0.9	12	1.86
1068148	Drill Core	1.95	0.055	1.7	34.5	220.4	312	0.8	4.3	6.9	1548	2.97	330.9	52.8	10.1	71	3.5	12.2	1.4	16	2.15
1068149	Drill Core	4.71	<0.005	0.6	5.1	12.3	59	0.2	4.9	8.2	716	2.64	12.7	8.7	11.9	88	0.4	1.5	0.5	43	1.81
1068150	Drill Core	5.45	<0.005	0.8	4.0	7.5	40	<0.1	4.3	8.3	525	2.61	5.2	1.7	13.5	78	0.2	0.8	0.1	62	1.25
1068151	Drill Core	6.56	<0.005	0.6	21.7	15.9	47	0.1	5.4	12.0	714	2.93	7.4	5.7	13.6	74	0.3	1.2	0.4	56	1.87
1068152	Drill Core	4.28	<0.005	0.6	5.1	9.8	51	<0.1	4.9	8.1	601	2.78	5.4	2.3	10.6	57	0.2	0.6	0.3	60	1.33
1068153	Drill Core	4.69	0.007	0.3	2.1	10.0	50	<0.1	4.3	8.1	744	2.51	7.3	10.5	10.1	65	0.2	0.6	0.3	51	1.78
1068154	Drill Core	2.75	0.009	0.5	2.4	10.5	49	<0.1	4.8	6.8	781	2.52	7.5	15.4	10.4	68	0.2	0.8	0.3	49	1.82
1068155	Drill Core	4.42	0.014	0.5	6.8	23.7	80	0.4	7.0	8.9	850	3.06	15.7	32.8	10.6	62	0.4	1.1	1.1	47	1.90
1068156	Drill Core	4.41	0.012	0.7	33.4	44.4	219	0.5	4.8	7.4	932	2.57	38.1	17.1	12.5	87	2.3	1.7	1.0	45	2.19
1068157	Drill Core	6.03	0.017	0.8	10.8	17.7	97	0.2	4.4	8.7	694	2.77	9.2	14.0	12.8	69	0.9	0.5	0.5	60	1.53
1068158	Drill Core	4.29	0.414	1.0	63.9	46.6	128	1.2	5.2	8.7	1324	3.39	233.1	426.8	11.7	113	1.0	2.0	2.6	40	3.77
1068159	Drill Core	4.66	0.017	0.8	11.4	18.9	212	0.3	4.7	7.8	666	2.80	7.2	32.1	11.0	54	2.2	0.7	0.5	58	1.42
1068160	Drill Core	5.47	0.014	0.9	17.6	21.8	125	0.3	6.9	9.3	706	2.89	8.1	13.9	10.0	57	1.1	0.7	0.7	58	1.50

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001537.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068131	Drill Core	0.049	18	9	0.93	415	0.008	2	1.32	0.039	0.18	<0.1	0.01	3.9	0.2	0.26	4	<0.5	<0.2	
1068132	Drill Core	0.051	28	9	1.05	132	0.001	1	1.78	0.009	0.17	0.2	0.28	4.1	0.2	0.82	5	<0.5	<0.2	
1068133	Core Pulp	0.070	7	16	1.00	68	0.113	1	1.55	0.110	0.19	0.4	9.76	1.8	0.1	1.79	4	0.9	20.2	0.248
1068134	Drill Core	0.050	22	10	0.92	131	0.002	3	1.66	0.022	0.16	0.1	0.02	4.3	0.1	0.50	5	<0.5	<0.2	
1068135	Drill Core	0.047	28	10	0.85	49	0.002	<1	1.43	0.014	0.15	0.1	0.04	4.2	0.2	0.62	5	<0.5	<0.2	
1068136	Drill Core	0.049	16	12	0.86	90	0.051	3	1.19	0.076	0.15	0.2	<0.01	4.8	<0.1	0.12	5	<0.5	<0.2	
1068137	Drill Core	0.050	17	13	0.84	64	0.021	<1	1.33	0.055	0.13	0.1	<0.01	4.9	<0.1	0.12	5	<0.5	<0.2	
1068138	Drill Core	0.046	14	10	0.77	80	0.081	1	1.25	0.075	0.17	0.1	<0.01	3.4	0.2	0.15	4	0.5	<0.2	
1068139	Drill Core	0.046	13	15	0.77	94	0.164	2	1.24	0.080	0.16	0.3	<0.01	2.4	<0.1	0.07	4	<0.5	<0.2	
1068140	Drill Core	0.041	12	11	0.76	93	0.138	<1	1.33	0.078	0.15	0.3	<0.01	2.7	<0.1	0.07	4	<0.5	<0.2	
1068141	Drill Core	0.044	13	7	0.73	83	<0.001	<1	0.41	0.006	0.25	0.2	0.05	3.6	0.3	1.65	<1	<0.5	0.2	
1068142	Drill Core	0.043	14	5	0.71	97	<0.001	<1	0.48	0.007	0.27	0.2	0.04	4.1	0.3	1.49	1	<0.5	0.3	
1068143	Drill Core	0.051	22	8	0.75	106	0.003	<1	0.80	0.005	0.18	0.1	0.07	5.9	0.2	0.45	2	<0.5	<0.2	
1068144	Drill Core	0.045	20	6	0.62	51	<0.001	<1	0.63	0.004	0.20	0.2	0.11	4.3	0.3	1.36	2	<0.5	<0.2	
1068145	Drill Core	0.049	20	7	0.82	54	0.002	<1	0.96	0.003	0.20	0.2	0.10	4.4	0.3	0.91	3	0.6	<0.2	
1068146	Drill Core	0.050	23	9	0.88	75	0.008	<1	1.39	0.017	0.17	<0.1	0.05	4.5	0.2	0.30	4	0.8	<0.2	
1068147	Drill Core	0.042	10	6	0.62	67	<0.001	<1	0.40	0.008	0.24	0.3	0.06	3.5	0.7	2.16	<1	<0.5	<0.2	
1068148	Drill Core	0.042	18	5	0.66	88	<0.001	<1	0.48	0.012	0.26	0.2	0.05	2.7	0.3	1.09	1	0.8	<0.2	
1068149	Drill Core	0.050	18	12	0.87	261	0.010	<1	1.17	0.049	0.18	0.2	<0.01	4.5	0.2	0.53	4	<0.5	<0.2	
1068150	Drill Core	0.050	15	14	0.93	335	0.066	<1	1.17	0.089	0.15	0.3	<0.01	4.8	<0.1	0.15	5	<0.5	<0.2	
1068151	Drill Core	0.053	17	12	0.96	263	0.079	<1	1.29	0.067	0.15	0.3	<0.01	4.6	0.1	0.59	5	0.8	<0.2	
1068152	Drill Core	0.051	15	14	0.99	313	0.084	1	1.21	0.068	0.14	0.2	<0.01	4.6	0.1	0.32	5	<0.5	<0.2	
1068153	Drill Core	0.049	15	11	0.98	307	0.050	3	1.29	0.053	0.16	0.2	<0.01	4.5	0.1	0.48	4	<0.5	<0.2	
1068154	Drill Core	0.049	17	13	0.96	338	0.043	<1	1.25	0.055	0.17	0.2	<0.01	4.1	0.1	0.42	4	<0.5	<0.2	
1068155	Drill Core	0.052	16	19	1.20	153	0.008	<1	1.69	0.039	0.22	0.2	0.02	3.7	0.2	1.03	5	0.6	<0.2	
1068156	Drill Core	0.052	16	13	0.95	65	0.012	<1	1.32	0.046	0.20	0.1	<0.01	3.6	0.2	0.68	4	0.9	<0.2	
1068157	Drill Core	0.051	18	14	0.95	125	0.044	<1	1.41	0.078	0.18	0.2	<0.01	4.4	0.1	0.33	5	0.7	<0.2	
1068158	Drill Core	0.051	17	11	0.91	52	0.003	1	1.66	0.011	0.20	0.4	<0.01	2.9	0.2	1.29	5	0.6	<0.2	
1068159	Drill Core	0.047	15	13	1.00	163	0.053	<1	1.54	0.070	0.16	0.3	<0.01	4.3	<0.1	0.37	5	<0.5	<0.2	
1068160	Drill Core	0.056	15	17	1.06	115	0.047	1	1.63	0.058	0.15	0.4	<0.01	4.1	0.1	0.42	5	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001537.2

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068161	Drill Core	5.99	0.029	1.3	12.7	14.9	141	0.2	4.8	9.0	595	2.88	6.4	9.4	9.8	55	1.4	0.6	0.4	71	1.41
1068162	Drill Core	2.43	0.013	1.1	11.9	14.8	131	0.2	5.2	9.4	592	2.87	7.1	6.9	9.4	57	1.2	0.6	0.5	67	1.31
1068163	Drill Core	5.70	0.016	1.3	25.7	25.3	153	0.5	5.1	8.8	687	3.23	15.4	11.6	10.6	71	1.5	1.0	1.2	63	1.67
1068164	Drill Core	4.84	0.031	0.8	52.3	32.5	122	0.6	5.7	10.6	827	3.81	24.1	33.8	10.7	73	0.8	1.9	2.2	53	1.86
1068165	Drill Core	7.78	0.023	0.8	22.9	24.6	218	0.4	5.1	8.6	936	3.49	27.6	23.4	11.2	67	2.0	1.7	2.6	59	1.46
1068166	Drill Core	2.36	0.062	1.1	70.9	40.9	231	1.2	5.3	8.2	1570	4.86	108.5	55.3	12.4	46	1.9	5.8	6.0	26	1.55
1068167	Drill Core	3.59	1.116	5.2	420.5	82.4	451	5.6	5.3	8.5	944	5.97	552.6	1512	10.1	28	5.4	73.4	26.1	19	0.86
1068168	Drill Core	3.35	0.057	1.6	31.1	74.1	327	0.7	6.2	11.9	2401	3.90	127.6	41.1	11.4	45	2.3	5.3	1.8	31	1.49
1068169	Drill Core	4.05	0.108	0.8	82.2	5204	5876	11.6	4.5	6.1	6770	4.36	808.1	226.5	8.9	36	78.0	16.5	2.1	8	2.04
1068170	Drill Core	3.53	0.026	0.7	11.7	36.3	123	0.3	4.4	7.2	1767	2.40	64.8	30.8	11.2	36	0.8	1.9	1.6	20	1.30
1068171	Drill Core	1.55	0.023	0.5	10.4	31.0	104	0.2	4.1	6.6	1800	2.21	58.7	15.3	10.4	35	0.6	1.9	1.4	19	1.33
1068172	Drill Core	4.85	0.023	0.6	17.2	27.1	94	0.2	4.4	7.8	1140	3.00	28.4	51.9	12.3	32	0.4	2.0	1.4	29	0.99
1068173	Drill Core	1.87	0.010	0.6	5.8	30.3	195	0.2	4.6	7.7	1151	3.22	11.8	9.8	12.4	27	0.7	1.0	0.8	31	0.79
1068174	Drill Core	2.96	0.023	0.9	23.0	114.4	415	0.7	5.5	10.5	2620	3.25	324.5	35.1	12.8	77	4.7	3.2	1.1	23	2.07
1068175	Drill Core	4.54	0.189	5.8	35.1	510.4	875	1.4	4.7	8.1	2859	3.43	574.1	185.5	10.7	77	12.1	10.6	1.1	16	2.88
1068176	Drill Core	2.14	0.020	4.0	43.5	176.2	364	1.1	5.7	9.4	2230	3.01	118.3	31.0	15.8	82	5.2	10.2	2.0	25	2.86
1068177	Drill Core	3.69	0.454	0.9	173.8	89.8	626	2.8	5.7	10.5	1132	4.70	726.5	454.7	11.5	46	7.0	4.7	6.5	35	1.30
1068178	Drill Core	3.11	0.029	0.8	33.4	69.8	188	0.5	5.0	8.5	1825	3.04	360.7	32.7	13.1	79	2.3	5.3	0.9	32	2.44
1068179	Drill Core	2.97	0.292	4.6	76.3	910.3	2288	2.3	4.8	7.8	4763	3.97	1205	299.1	11.5	97	32.8	13.8	1.4	26	3.49
1068180	Drill Core	4.59	0.018	0.8	30.3	107.6	212	0.6	4.4	4.8	2293	2.97	76.2	21.1	11.4	92	2.0	5.6	0.9	19	2.89
1068181	Rock	0.69	<0.005	<0.1	1.9	2.3	13	<0.1	2.3	0.9	186	0.34	4.0	2.6	<0.1	36	<0.1	<0.1	<0.1	<2	18.21
1068182	Drill Core	4.75	0.315	10.7	116.9	631.7	1533	3.9	4.4	4.3	3766	4.18	1275	323.6	8.5	82	18.5	19.3	6.4	12	2.88
1068183	Drill Core	3.19	0.176	2.5	85.8	957.8	1682	5.7	4.4	4.7	4154	3.50	924.1	154.2	10.7	55	22.7	14.1	10.5	10	2.35
1068184	Drill Core	3.07	0.032	0.9	38.4	107.6	279	1.0	4.9	10.7	920	2.71	202.1	42.0	14.5	37	2.8	4.8	2.2	43	1.35
1068185	Drill Core	3.13	0.036	0.7	44.8	30.5	325	0.4	6.1	8.1	679	3.36	35.1	59.1	13.6	68	3.6	3.2	1.4	46	2.05
1068186	Drill Core	4.06	0.009	0.5	24.3	33.8	98	0.4	4.1	5.9	685	2.46	29.4	22.4	12.5	54	0.9	2.6	1.2	38	1.66
1068187	Drill Core	3.46	0.119	0.6	20.3	108.0	159	0.8	4.0	7.2	1941	2.65	298.5	119.4	11.0	76	1.7	5.7	2.4	12	2.49
1068188	Drill Core	4.57	0.048	0.9	15.4	91.0	143	0.5	4.7	7.0	1839	2.65	218.3	55.9	12.6	65	1.8	5.0	1.5	24	2.31
1068189	Drill Core	3.44	0.037	0.6	54.6	38.0	150	0.4	4.1	8.2	1264	3.42	123.2	56.9	13.5	56	1.4	7.9	1.8	31	1.95
1068190	Core Pulp	0.14	3.756	205.8	2495	80.0	91	35.0	38.1	25.4	653	4.56	46.6	3854	2.1	111	0.2	83.6	1.8	56	1.14

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001537.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068161	Drill Core	0.058	13	12	1.02	91	0.097	<1	1.45	0.079	0.14	0.2	<0.01	4.8	<0.1	0.37	5	0.6	<0.2	
1068162	Drill Core	0.057	13	14	1.00	87	0.088	2	1.45	0.072	0.13	0.3	<0.01	4.7	<0.1	0.40	5	<0.5	<0.2	
1068163	Drill Core	0.053	15	13	1.02	69	0.029	<1	1.61	0.063	0.17	<0.1	<0.01	5.1	0.1	0.57	6	<0.5	<0.2	
1068164	Drill Core	0.055	17	13	1.08	71	0.006	<1	1.71	0.041	0.22	0.2	<0.01	5.3	0.2	1.12	6	0.7	<0.2	
1068165	Drill Core	0.052	16	12	0.94	69	0.011	1	1.59	0.052	0.19	0.1	<0.01	5.3	0.2	0.83	5	<0.5	<0.2	
1068166	Drill Core	0.047	15	7	0.78	91	<0.001	<1	0.46	0.005	0.27	0.2	0.10	3.3	0.4	1.91	1	<0.5	<0.2	
1068167	Drill Core	0.044	8	5	0.57	31	0.002	1	0.73	0.006	0.28	0.3	0.22	2.4	0.6	4.55	2	1.0	0.3	
1068168	Drill Core	0.053	23	8	0.71	50	<0.001	<1	0.92	0.004	0.22	<0.1	0.09	4.0	0.2	0.98	2	<0.5	<0.2	
1068169	Drill Core	0.035	5	3	0.58	33	<0.001	2	0.25	0.005	0.20	0.1	0.13	2.2	0.3	3.91	<1	<0.5	<0.2	
1068170	Drill Core	0.039	14	6	0.60	44	<0.001	1	0.53	0.005	0.18	0.2	0.06	2.4	0.2	0.60	2	<0.5	<0.2	
1068171	Drill Core	0.039	14	4	0.56	45	<0.001	2	0.54	0.004	0.19	0.1	0.05	2.5	0.2	0.57	1	<0.5	<0.2	
1068172	Drill Core	0.049	19	6	0.57	46	0.001	1	0.87	0.010	0.16	<0.1	0.08	3.5	0.1	1.04	2	<0.5	<0.2	
1068173	Drill Core	0.046	14	6	0.73	29	<0.001	1	1.27	0.016	0.14	<0.1	0.05	3.3	0.1	1.17	3	<0.5	<0.2	
1068174	Drill Core	0.046	20	6	0.69	41	<0.001	1	0.67	0.005	0.17	0.5	0.09	3.9	0.2	0.94	2	<0.5	<0.2	
1068175	Drill Core	0.044	10	3	0.93	68	0.001	2	0.39	0.005	0.26	0.2	0.09	3.5	0.3	1.75	<1	<0.5	<0.2	
1068176	Drill Core	0.050	20	5	0.83	36	<0.001	1	0.61	0.005	0.21	0.1	0.09	4.5	0.3	1.03	1	<0.5	<0.2	
1068177	Drill Core	0.046	12	7	0.76	49	0.003	<1	1.36	0.023	0.25	<0.1	0.04	3.8	0.3	2.69	3	0.6	0.4	
1068178	Drill Core	0.049	15	7	0.86	55	0.002	1	0.96	0.018	0.22	0.1	0.05	3.7	0.3	0.79	2	<0.5	<0.2	
1068179	Drill Core	0.047	12	5	1.27	65	0.004	1	0.63	0.018	0.23	0.2	0.09	4.3	0.3	1.98	2	<0.5	<0.2	
1068180	Drill Core	0.045	15	5	0.91	53	<0.001	2	0.40	0.009	0.24	0.1	0.03	4.6	0.3	0.61	<1	<0.5	<0.2	
1068181	Rock	0.012	<1	<1	10.30	10	<0.001	<1	0.02	0.002	0.02	<0.1	<0.01	0.1	<0.1	0.07	<1	<0.5	<0.2	
1068182	Drill Core	0.039	7	4	0.93	47	<0.001	<1	0.34	0.007	0.28	0.2	0.09	2.9	0.4	2.95	<1	<0.5	<0.2	
1068183	Drill Core	0.041	8	5	0.72	43	<0.001	<1	0.31	0.005	0.24	0.2	0.13	2.7	0.3	2.48	<1	<0.5	0.2	
1068184	Drill Core	0.061	21	8	0.78	32	0.004	<1	1.10	0.004	0.14	0.2	0.27	5.6	0.2	0.84	3	<0.5	<0.2	
1068185	Drill Core	0.048	16	10	1.06	36	0.003	<1	1.85	0.020	0.15	0.2	0.04	4.8	0.2	0.87	5	<0.5	<0.2	
1068186	Drill Core	0.047	16	7	0.82	31	0.005	1	1.19	0.013	0.14	0.1	0.09	4.3	0.2	0.54	4	<0.5	<0.2	
1068187	Drill Core	0.044	12	3	0.74	39	<0.001	1	0.37	0.006	0.26	0.2	0.06	3.3	0.3	1.53	<1	<0.5	<0.2	
1068188	Drill Core	0.050	15	5	0.72	46	<0.001	2	0.49	0.005	0.19	0.2	0.07	5.2	0.3	0.97	1	<0.5	<0.2	
1068189	Drill Core	0.058	20	5	0.71	31	0.001	1	0.65	0.005	0.16	0.2	0.11	6.4	0.2	1.02	2	<0.5	<0.2	
1068190	Core Pulp	0.066	6	19	1.01	71	0.112	<1	1.51	0.105	0.19	0.2	9.53	1.6	0.1	1.92	4	1.2	20.5	0.244

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001537.2

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068191	Drill Core	2.98	0.027	0.5	35.5	33.2	276	0.3	4.9	6.8	1226	3.01	123.8	41.6	14.4	72	2.9	5.3	1.1	26	2.59
1068192	Drill Core	4.42	0.079	0.6	42.8	40.1	271	0.5	3.7	7.3	1253	2.87	146.0	61.3	16.3	105	3.2	6.7	2.4	19	3.26
1068193	Drill Core	4.22	0.046	0.7	53.2	51.0	155	0.8	4.8	5.9	643	2.32	35.3	58.8	15.4	58	1.7	10.2	4.8	28	1.85
1068194	Drill Core	4.46	0.100	0.3	36.6	26.4	92	0.4	4.8	6.8	518	2.75	16.3	99.9	13.8	78	1.1	1.7	2.6	47	2.06
1068195	Drill Core	3.76	0.048	0.6	22.5	21.1	63	0.3	5.2	8.9	610	2.90	14.6	48.4	12.8	77	0.4	1.5	2.0	52	1.93
1068196	Drill Core	3.79	0.062	0.4	20.8	21.0	62	0.3	4.7	8.9	503	2.75	9.7	56.6	12.0	68	0.4	1.1	1.4	51	1.66
1068197	Drill Core	4.26	0.228	0.7	55.4	31.7	81	0.4	5.6	11.0	967	3.38	171.1	245.6	11.5	74	0.7	4.2	3.8	38	2.05
1068198	Drill Core	2.94	0.122	0.3	41.2	24.3	59	0.4	5.4	10.5	922	3.09	220.9	73.0	12.3	106	0.4	4.1	2.4	45	2.55
1068199	Drill Core	4.54	0.025	0.6	10.4	12.1	54	0.1	6.7	9.5	666	2.98	45.3	49.9	12.1	82	0.2	1.3	0.7	59	1.83
1068200	Drill Core	6.91	0.021	0.7	9.5	57.0	125	0.2	5.9	10.2	896	3.28	18.5	22.8	12.0	83	0.9	1.2	0.8	55	1.81

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

CERTIFICATE OF ANALYSIS WHI11001537.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068191	Drill Core	0.054	22	5	0.89	35	<0.001	<1	0.58	0.007	0.17	0.1	0.16	5.5	0.2	0.61	1	<0.5	<0.2	
1068192	Drill Core	0.052	20	4	0.87	38	<0.001	<1	0.70	0.006	0.20	0.1	0.19	3.9	0.2	0.83	1	<0.5	<0.2	
1068193	Drill Core	0.046	19	6	0.51	37	0.001	<1	0.79	0.010	0.16	0.1	0.12	3.5	0.2	0.62	2	<0.5	<0.2	
1068194	Drill Core	0.051	20	10	1.00	36	0.002	<1	1.45	0.024	0.13	<0.1	0.03	4.6	0.1	0.54	5	<0.5	0.4	
1068195	Drill Core	0.048	16	11	0.97	46	0.012	<1	1.37	0.049	0.13	<0.1	0.03	4.8	0.1	0.52	5	<0.5	<0.2	
1068196	Drill Core	0.046	14	9	0.91	64	0.013	<1	1.25	0.054	0.15	<0.1	0.02	4.5	0.1	0.49	5	<0.5	<0.2	
1068197	Drill Core	0.046	16	7	0.79	55	0.004	1	0.90	0.015	0.18	<0.1	0.03	5.1	0.2	1.14	3	<0.5	<0.2	
1068198	Drill Core	0.051	17	8	0.87	45	0.006	2	0.98	0.029	0.19	<0.1	0.01	5.4	0.2	0.76	3	<0.5	<0.2	
1068199	Drill Core	0.054	14	20	0.97	229	0.034	1	1.14	0.068	0.22	<0.1	<0.01	5.9	0.2	0.38	4	<0.5	<0.2	
1068200	Drill Core	0.051	14	10	0.96	177	0.021	2	1.12	0.055	0.22	<0.1	<0.01	5.1	0.2	0.77	4	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001537.2

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1068105	Drill Core	5.98	0.013	3.7	47.0	73.2	399	1.2	4.4	7.6	1201	2.72	44.0	19.3	13.2	23	5.7	2.4	2.4	42	0.58
REP 1068105	QC			3.5	46.5	75.2	403	1.3	4.3	7.5	1212	2.73	45.1	20.1	14.4	23	6.1	2.3	2.5	42	0.59
1068119	Drill Core	3.14	0.035	0.9	9.5	13.4	54	0.1	4.2	7.5	645	2.65	8.9	53.8	12.5	62	0.2	0.7	0.2	54	1.49
REP 1068119	QC			0.9	9.8	12.8	59	0.1	4.4	7.8	655	2.66	9.2	33.4	12.5	60	0.2	0.7	0.2	53	1.49
1068135	Drill Core	4.71	0.007	0.6	13.2	18.3	103	0.3	5.0	9.8	1257	2.90	23.2	22.5	13.9	67	0.3	1.5	0.9	39	1.75
REP 1068135	QC			0.6	13.4	18.4	102	0.3	4.7	9.9	1238	2.94	22.3	17.4	14.1	65	0.3	1.6	0.9	39	1.73
REP 1068151	QC			0.5	19.8	14.8	44	0.1	5.6	11.9	708	2.89	7.0	2.6	12.8	74	0.2	1.1	0.4	55	1.80
1068172	Drill Core	4.85	0.023	0.6	17.2	27.1	94	0.2	4.4	7.8	1140	3.00	28.4	51.9	12.3	32	0.4	2.0	1.4	29	0.99
REP 1068172	QC		0.026																		
1068183	Drill Core	3.19	0.176	2.5	85.8	957.8	1682	5.7	4.4	4.7	4154	3.50	924.1	154.2	10.7	55	22.7	14.1	10.5	10	2.35
REP 1068183	QC			2.6	90.3	920.6	1749	5.9	4.9	4.9	4272	3.64	951.1	163.3	11.0	59	23.0	14.9	10.7	10	2.45
1068200	Drill Core	6.91	0.021	0.7	9.5	57.0	125	0.2	5.9	10.2	896	3.28	18.5	22.8	12.0	83	0.9	1.2	0.8	55	1.81
REP 1068200	QC			0.6	9.0	56.6	123	0.3	5.3	10.2	886	3.22	19.7	23.7	12.0	82	1.1	1.1	0.8	54	1.77
Core Reject Duplicates																					
1068116	Drill Core	4.13	0.030	1.4	13.9	14.1	129	0.1	4.7	10.4	1280	2.77	50.3	32.1	12.3	49	0.9	2.7	0.4	40	1.69
DUP 1068116	QC		0.032	1.4	14.3	14.6	136	0.2	4.6	10.7	1319	2.78	54.1	32.9	12.6	49	0.8	3.1	0.5	41	1.72
1068151	Drill Core	6.56	<0.005	0.6	21.7	15.9	47	0.1	5.4	12.0	714	2.93	7.4	5.7	13.6	74	0.3	1.2	0.4	56	1.87
DUP 1068151	QC		<0.005	0.4	19.0	14.2	45	0.1	5.0	11.7	658	2.64	6.9	4.9	12.6	71	0.2	1.0	0.3	55	1.72
1068186	Drill Core	4.06	0.009	0.5	24.3	33.8	98	0.4	4.1	5.9	685	2.46	29.4	22.4	12.5	54	0.9	2.6	1.2	38	1.66
DUP 1068186	QC		0.009	0.7	27.2	37.7	110	0.4	5.0	6.3	760	2.69	32.6	23.0	13.8	60	1.0	3.1	1.2	41	1.79
Reference Materials																					
STD DS8	Standard			14.4	122.1	131.6	326	1.8	42.7	8.5	641	2.64	26.7	118.0	8.0	71	2.2	6.4	7.4	44	0.75
STD DS8	Standard			13.0	110.8	123.6	313	1.8	37.4	7.7	614	2.45	25.8	109.4	7.1	64	2.4	5.9	7.1	41	0.71
STD DS8	Standard			12.6	107.3	122.6	303	1.7	36.5	7.2	585	2.43	24.7	108.4	6.7	76	2.3	6.5	7.5	41	0.69
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001537.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																				
1068105	Drill Core	0.043	19	9	0.64	78	0.006	2	1.04	0.042	0.19	0.9	0.01	3.9	0.2	0.14	4	0.5	<0.2	
REP 1068105	QC	0.046	20	10	0.65	83	0.007	3	1.08	0.043	0.19	0.9	0.02	4.1	0.2	0.14	4	0.6	<0.2	
1068119	Drill Core	0.052	13	14	1.04	688	0.076	1	1.36	0.065	0.14	0.2	<0.01	4.6	<0.1	0.08	5	<0.5	<0.2	
REP 1068119	QC	0.049	12	14	1.04	645	0.074	2	1.37	0.066	0.14	0.2	<0.01	4.5	<0.1	0.08	5	<0.5	<0.2	
1068135	Drill Core	0.047	28	10	0.85	49	0.002	<1	1.43	0.014	0.15	0.1	0.04	4.2	0.2	0.62	5	<0.5	<0.2	
REP 1068135	QC	0.047	28	10	0.87	50	0.003	<1	1.37	0.015	0.15	0.1	0.04	4.0	0.2	0.60	4	0.7	<0.2	
REP 1068151	QC	0.050	17	13	0.93	304	0.082	1	1.26	0.067	0.15	0.3	<0.01	4.8	0.1	0.57	5	0.5	<0.2	
1068172	Drill Core	0.049	19	6	0.57	46	0.001	1	0.87	0.010	0.16	<0.1	0.08	3.5	0.1	1.04	2	<0.5	<0.2	
REP 1068172	QC																			
1068183	Drill Core	0.041	8	5	0.72	43	<0.001	<1	0.31	0.005	0.24	0.2	0.13	2.7	0.3	2.48	<1	<0.5	0.2	
REP 1068183	QC	0.043	8	5	0.75	45	<0.001	<1	0.33	0.005	0.25	0.1	0.15	2.8	0.3	2.58	<1	<0.5	0.2	
1068200	Drill Core	0.051	14	10	0.96	177	0.021	2	1.12	0.055	0.22	<0.1	<0.01	5.1	0.2	0.77	4	<0.5	<0.2	
REP 1068200	QC	0.051	13	9	0.94	174	0.021	1	1.14	0.056	0.22	<0.1	<0.01	5.1	0.2	0.76	4	<0.5	<0.2	
Core Reject Duplicates																				
1068116	Drill Core	0.045	19	9	0.91	194	0.007	2	1.30	0.028	0.15	0.2	0.02	3.8	0.2	0.56	4	<0.5	<0.2	
DUP 1068116	QC	0.047	20	9	0.91	220	0.006	2	1.31	0.028	0.16	0.2	0.02	3.9	0.2	0.57	5	<0.5	<0.2	
1068151	Drill Core	0.053	17	12	0.96	263	0.079	<1	1.29	0.067	0.15	0.3	<0.01	4.6	0.1	0.59	5	0.8	<0.2	
DUP 1068151	QC	0.046	16	11	0.95	263	0.078	<1	1.29	0.068	0.16	0.3	<0.01	4.4	0.1	0.56	5	0.6	<0.2	
1068186	Drill Core	0.047	16	7	0.82	31	0.005	1	1.19	0.013	0.14	0.1	0.09	4.3	0.2	0.54	4	<0.5	<0.2	
DUP 1068186	QC	0.053	17	9	0.90	37	0.005	<1	1.34	0.015	0.15	0.1	0.09	4.6	0.2	0.57	4	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.082	16	129	0.65	282	0.136	2	0.98	0.098	0.45	3.1	0.20	2.2	5.6	0.18	5	5.8	5.1	
STD DS8	Standard	0.073	17	114	0.64	275	0.120	2	0.90	0.089	0.41	2.9	0.20	2.2	5.4	0.16	5	5.0	5.2	
STD DS8	Standard	0.073	15	110	0.61	275	0.126	<1	0.94	0.095	0.42	2.8	0.19	2.0	5.0	0.16	5	5.2	5.0	
STD OREAS131B	Standard																			0.022
STD OREAS153A	Standard																			0.704
STD OREAS131B	Standard																			0.021
STD OREAS153A	Standard																			0.697

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001537.2

		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD OXH82	Standard		1.181																		
STD OXH82	Standard		1.324																		
STD OXH82	Standard		1.317																		
STD OXH82	Standard		1.341																		
STD OXH82	Standard		1.241																		
STD OXH82	Standard		1.272																		
STD OXH82	Standard		1.303																		
STD OXH82	Standard		1.242																		
STD OXK79	Standard		3.409																		
STD OXK79	Standard		3.813																		
STD OXK79	Standard		3.701																		
STD OXK79	Standard		3.659																		
STD OXK79	Standard		3.492																		
STD OXK79	Standard		3.543																		
STD OXK79	Standard		3.515																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001537.2

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD SU-1B	Standard																			1.155
STD SU-1B	Standard																			1.169
STD OXH82 Expected																				
STD OXK79 Expected																				
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS131B Expected																				0.0216
STD SU-1B Expected																				1.185
STD OREAS153A Expected																				0.712
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001537.2

		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.2	4.0	3.4	46	<0.1	3.5	4.4	554	1.91	<0.5	6.3	6.1	57	<0.1	<0.1	<0.1	37	0.52
G1	Prep Blank		<0.005	0.3	3.2	3.1	46	<0.1	4.0	4.2	563	1.96	<0.5	3.8	8.0	57	<0.1	<0.1	<0.1	38	0.61

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 01, 2011

QUALITY CONTROL REPORT WHI11001537.2

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			<0.001
BLK	Blank																			<0.001
Prep Wash																				
G1	Prep Blank	0.077	13	8	0.57	188	0.130	2	0.98	0.106	0.52	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.079	14	10	0.63	173	0.127	2	0.94	0.099	0.50	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Jay Page
Receiving Lab: Canada-Whitehorse
Received: September 14, 2011
Report Date: November 03, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11001688.1

CLIENT JOB INFORMATION

Project: Etzel Project
Shipment ID: ETZEL 11-002
P.O. Number
Number of Samples: 12

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	12	Crush, split and pulverize 250 g rock to 200 mesh			VAN
G601	12	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	12	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
Canada

CC: Bernie Dewonek
Peter Dadson
Gary Schellenberg
Andrew Wilkins

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

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS WHI11001688.1

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1067601	Drill Core	3.93	0.112	1.6	200.9	41.4	106	1.7	9.0	21.1	944	5.46	125.3	126.9	8.5	36	1.3	21.9	10.8	83	0.86
1067602	Drill Core	4.18	0.042	1.2	74.7	12.6	71	0.3	7.7	17.6	384	3.68	18.1	61.7	7.6	38	0.5	1.5	1.7	97	0.65
1067603	Drill Core	3.40	0.172	1.1	74.8	28.2	107	0.8	7.3	16.5	401	5.29	81.6	278.4	9.3	27	0.4	1.3	7.4	111	0.44
1067604	Drill Core	4.64	0.049	0.9	31.1	26.8	69	0.6	3.3	6.2	245	5.18	62.7	58.1	10.0	17	0.5	1.0	5.6	82	0.26
1067605	Drill Core	4.28	0.028	0.6	80.9	47.3	101	0.5	4.4	11.5	325	3.95	43.5	34.0	5.7	21	1.4	0.9	7.0	62	0.48
1067606	Drill Core	3.20	0.081	0.7	52.5	14.4	74	0.3	4.5	8.6	272	3.21	52.1	101.7	6.1	27	0.4	0.6	2.6	69	0.39
1067607	Drill Core	2.70	0.020	0.5	29.8	14.4	65	0.3	5.1	8.3	245	3.24	24.3	23.9	6.9	28	0.5	0.4	3.9	71	0.49
1067608	Drill Core	3.89	0.020	0.5	113.8	20.1	110	0.8	4.0	6.3	236	3.71	42.6	19.1	7.8	18	0.4	1.1	9.0	64	0.22
1067609	Drill Core	4.75	0.196	0.6	248.7	23.3	56	1.9	2.7	1.8	152	4.23	100.3	203.2	11.8	44	<0.1	1.6	10.9	56	0.18
1067610	Drill Core	5.30	0.601	1.4	138.8	47.7	26	4.7	0.7	0.4	47	3.87	185.7	713.1	8.3	45	0.1	1.3	19.8	35	0.12
1067611	Drill Core	4.24	1.467	0.9	211.7	53.7	46	20.0	1.0	1.1	52	4.30	211.5	1598	10.7	53	0.3	3.2	111.8	31	0.16
1067612	Drill Core	3.85	0.323	0.3	268.8	30.3	89	1.4	3.1	3.2	157	3.36	230.1	293.5	10.2	31	1.3	3.0	4.6	42	0.25

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS WHI11001688.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067601	Drill Core	0.123	19	10	0.78	84	0.026	3	1.74	0.018	0.21	0.1	0.11	6.4	0.4	0.91	6	<0.5	1.0
1067602	Drill Core	0.123	14	14	1.11	166	0.105	3	2.07	0.050	0.13	0.1	0.01	3.5	0.1	0.15	7	<0.5	<0.2
1067603	Drill Core	0.121	19	15	1.32	222	0.011	2	2.46	0.026	0.11	0.2	0.01	7.0	0.2	0.28	9	<0.5	0.5
1067604	Drill Core	0.087	10	11	0.97	97	0.003	1	1.79	0.024	0.16	<0.1	0.04	4.5	0.2	0.45	8	<0.5	0.5
1067605	Drill Core	0.048	16	9	0.92	83	0.009	3	1.57	0.052	0.16	<0.1	0.03	4.5	0.3	0.73	7	<0.5	0.3
1067606	Drill Core	0.051	10	14	1.03	117	0.054	3	1.69	0.064	0.14	0.2	0.01	4.0	0.2	0.34	6	<0.5	<0.2
1067607	Drill Core	0.050	13	11	1.01	56	0.046	2	1.67	0.083	0.13	0.1	<0.01	4.3	0.1	0.64	7	<0.5	<0.2
1067608	Drill Core	0.050	10	12	0.99	75	0.011	2	1.78	0.047	0.15	<0.1	<0.01	5.1	0.2	0.56	7	0.5	<0.2
1067609	Drill Core	0.051	15	9	0.67	78	0.009	1	1.89	0.025	0.18	<0.1	0.05	4.3	0.2	0.21	5	<0.5	1.6
1067610	Drill Core	0.039	27	7	0.22	96	0.001	1	0.67	0.044	0.46	<0.1	0.08	1.8	0.4	0.69	4	<0.5	2.9
1067611	Drill Core	0.047	35	5	0.23	100	0.001	1	0.83	0.067	0.40	<0.1	0.12	2.0	0.5	0.65	4	0.8	2.3
1067612	Drill Core	0.044	13	8	0.47	122	0.002	1	1.55	0.037	0.19	0.1	0.08	3.9	0.2	0.17	5	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 03, 2011

QUALITY CONTROL REPORT WHI11001688.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1067601	Drill Core	3.93	0.112	1.6	200.9	41.4	106	1.7	9.0	21.1	944	5.46	125.3	126.9	8.5	36	1.3	21.9	10.8	83	0.86
REP 1067601	QC			1.8	193.1	38.4	102	1.7	9.5	20.5	927	5.26	119.8	159.9	8.4	35	1.2	21.4	10.7	80	0.84
1067602	Drill Core	4.18	0.042	1.2	74.7	12.6	71	0.3	7.7	17.6	384	3.68	18.1	61.7	7.6	38	0.5	1.5	1.7	97	0.65
REP 1067602	QC		0.056																		
Reference Materials																					
STD DS8	Standard			13.3	110.9	125.0	307	1.8	37.6	7.6	627	2.49	23.8	112.3	7.0	67	2.1	5.5	6.7	43	0.73
STD OXH82	Standard		1.209																		
STD OXK79	Standard		3.438																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
G1	Prep Blank	<0.01	<0.005	0.8	5.9	2.8	40	<0.1	2.8	3.7	523	1.87	4.1	8.2	4.9	57	<0.1	<0.1	<0.1	34	0.55
G1	Prep Blank	<0.01	<0.005	0.5	4.0	3.2	44	<0.1	4.2	4.3	582	2.08	<0.5	3.6	6.1	72	<0.1	<0.1	<0.1	41	0.57

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 03, 2011

QUALITY CONTROL REPORT WHI11001688.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
1067601	Drill Core	0.123	19	10	0.78	84	0.026	3	1.74	0.018	0.21	0.1	0.11	6.4	0.4	0.91	6	<0.5	1.0
REP 1067601	QC	0.118	18	10	0.76	81	0.025	2	1.70	0.017	0.20	0.2	0.08	6.2	0.4	0.89	6	<0.5	0.9
1067602	Drill Core	0.123	14	14	1.11	166	0.105	3	2.07	0.050	0.13	0.1	0.01	3.5	0.1	0.15	7	<0.5	<0.2
REP 1067602	QC																		
Reference Materials																			
STD DS8	Standard	0.075	16	119	0.62	277	0.123	3	0.95	0.088	0.42	2.9	0.20	2.2	5.6	0.17	5	4.5	4.7
STD OXH82	Standard																		
STD OXK79	Standard																		
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OXH82 Expected																			
STD OXK79 Expected																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
G1	Prep Blank	0.066	12	5	0.50	160	0.116	2	0.94	0.088	0.45	0.1	<0.01	1.8	0.3	<0.05	4	<0.5	<0.2
G1	Prep Blank	0.070	15	9	0.55	167	0.123	1	1.05	0.125	0.50	0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Gary Schellenberg
Receiving Lab: Canada-Whitehorse
Received: September 28, 2011
Report Date: November 16, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001770.1

CLIENT JOB INFORMATION

Project: Etzel Project
Shipment ID: ETZEL11-007
P.O. Number
Number of Samples: 100

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	96	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	100	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	100	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	4	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
Canada

CC: Bernie Dewonek
Peter Dadson
Andrew Wilkins

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001770.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068401	Rock	0.91	<0.005	0.3	0.6	1.4	14	<0.1	1.4	0.6	182	0.42	<0.5	2.0	<0.1	33	<0.1	<0.1	<0.1	<2	17.99
1068402	Drill Core	5.90	0.041	0.5	225.7	31.7	220	0.7	3.8	8.9	715	3.41	141.9	42.7	10.9	62	2.7	7.5	4.0	51	1.48
1068403	Drill Core	5.60	0.016	0.6	20.6	26.4	81	0.3	2.7	6.7	734	2.67	168.8	18.5	11.9	80	0.5	2.4	0.9	41	1.92
1068404	Drill Core	6.12	0.077	1.3	111.1	188.2	362	3.2	3.3	10.4	1595	3.55	456.4	80.8	11.1	104	4.1	13.2	17.0	32	2.67
1068405	Drill Core	5.38	0.015	0.7	33.8	44.5	138	0.5	3.5	8.0	950	2.89	77.2	15.2	11.3	69	1.4	4.5	1.3	49	1.61
1068406	Drill Core	6.09	0.053	0.7	83.1	393.6	1241	2.5	3.7	7.3	1754	3.56	176.8	59.1	12.6	64	18.0	3.4	7.0	34	1.82
1068407	Drill Core	4.56	0.014	0.8	32.6	53.8	276	0.6	2.8	6.6	1158	2.46	73.8	19.7	15.2	56	3.1	4.0	1.6	17	1.64
1068408	Drill Core	2.93	0.014	1.0	20.3	31.5	101	0.3	3.4	7.7	1156	2.97	34.5	16.9	12.2	47	0.8	5.0	0.9	34	1.77
1068409	Drill Core	6.08	<0.005	0.7	9.1	10.6	61	0.1	3.6	8.0	464	2.43	4.5	7.1	12.6	45	0.5	0.8	0.3	56	1.22
1068410	Rock Pulp	0.11	0.381	9.7	132.1	6.8	49	0.2	25.9	34.1	492	3.18	1338	362.2	3.0	74	0.3	2.1	4.4	80	1.32
1068411	Drill Core	6.10	0.011	0.9	39.3	27.3	108	0.5	3.2	7.1	712	2.60	70.2	15.4	8.6	57	0.9	1.4	1.9	40	1.56
1068412	Drill Core	5.71	<0.005	2.0	22.5	19.3	164	0.5	4.0	8.9	663	3.26	17.7	8.4	12.2	58	1.7	1.3	1.2	53	1.61
1068413	Drill Core	6.04	0.021	0.8	28.0	46.9	218	0.9	3.8	10.2	1084	2.99	60.4	26.2	12.8	70	1.9	2.4	1.5	45	1.94
1068414	Drill Core	5.85	0.021	0.7	49.2	62.7	140	1.4	4.4	8.9	1764	3.33	99.2	23.2	12.5	86	1.1	2.0	1.5	31	2.53
1068415	Drill Core	3.09	0.017	0.9	31.8	35.4	106	0.4	4.1	9.3	1481	3.21	24.1	14.6	12.5	94	0.7	1.5	1.2	36	2.41
1068416	Drill Core	7.07	0.411	0.6	60.9	45.8	759	1.2	4.4	8.5	1039	3.78	48.0	19.7	10.8	41	9.7	2.3	4.1	40	1.25
1068417	Drill Core	5.16	0.032	1.4	74.9	118.5	873	2.1	4.8	9.5	1743	4.67	192.2	32.4	10.3	43	10.3	2.9	6.4	22	1.64
1068418	Drill Core	3.72	0.072	0.6	152.9	239.2	1522	3.4	4.4	6.7	1432	5.83	312.9	70.0	9.9	39	17.8	6.8	9.2	14	1.34
1068419	Drill Core	2.82	0.066	0.8	260.2	329.6	534	4.1	6.1	6.3	873	5.17	337.8	62.5	9.3	15	6.7	4.9	9.6	8	0.56
1068420	Drill Core	7.13	0.215	2.6	4445	2183	661	63.7	3.9	22.2	3144	11.77	1106	191.8	7.9	56	9.2	14.4	244.9	8	2.35
1068421	Drill Core	6.68	0.022	1.3	69.7	66.7	267	1.1	4.2	7.7	1385	3.78	64.9	17.4	10.8	50	2.6	6.1	3.9	24	1.86
1068422	Drill Core	5.87	0.022	1.2	101.9	121.5	428	1.8	4.2	4.5	658	2.53	25.7	90.3	11.8	78	4.9	3.8	3.4	42	2.59
1068423	Drill Core	4.79	0.020	0.8	112.1	63.9	179	1.1	4.0	6.8	799	2.79	31.6	26.8	10.9	67	1.7	3.3	1.9	44	3.59
1068424	Rock	0.91	<0.005	<0.1	2.1	3.4	12	<0.1	0.5	0.6	180	0.41	<0.5	2.2	<0.1	33	<0.1	<0.1	0.1	<2	17.59
1068425	Drill Core	6.16	0.038	1.6	30.4	30.5	96	0.3	3.8	6.7	496	2.92	15.7	44.5	9.0	42	0.8	1.8	1.4	63	1.40
1068426	Drill Core	6.77	0.017	0.3	12.3	25.7	66	0.2	4.3	6.8	399	2.71	6.9	30.9	8.8	35	0.4	0.5	2.0	60	1.19
1068427	Drill Core	8.20	0.012	0.5	11.4	14.9	54	0.1	3.8	7.3	393	2.73	17.7	13.7	10.3	47	0.2	0.8	0.7	61	1.31
1068428	Drill Core	6.47	0.384	0.7	123.2	186.5	367	4.2	4.9	9.3	966	5.07	58.2	405.9	9.9	64	3.9	3.8	44.0	30	2.12
1068429	Drill Core	6.52	0.249	0.6	88.4	367.9	603	10.8	4.9	10.5	905	5.54	45.2	209.4	10.4	51	7.4	4.2	87.2	26	1.77
1068430	Drill Core	5.66	0.058	0.7	54.9	89.5	285	1.7	4.2	8.3	601	3.84	32.6	77.0	10.6	60	3.3	2.6	9.6	57	1.68

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001770.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068401	Rock	0.012	<1	<1	12.11	12	<0.001	2	0.02	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
1068402	Drill Core	0.046	18	10	0.94	43	0.020	1	1.23	0.032	0.14	0.9	0.02	4.1	0.1	0.95	5	<0.5	<0.2	
1068403	Drill Core	0.049	15	5	0.89	54	0.005	2	1.00	0.032	0.14	0.1	0.01	4.3	0.1	0.61	4	<0.5	<0.2	
1068404	Drill Core	0.047	12	6	0.79	55	0.003	2	0.68	0.018	0.18	0.2	0.05	3.8	0.2	1.74	2	0.6	<0.2	
1068405	Drill Core	0.048	14	6	0.81	53	0.011	3	1.03	0.028	0.19	<0.1	0.05	4.5	0.2	0.52	4	<0.5	<0.2	
1068406	Drill Core	0.046	10	7	0.86	61	0.002	2	0.62	0.012	0.25	0.1	0.03	3.7	0.3	1.22	2	<0.5	<0.2	
1068407	Drill Core	0.031	17	2	0.54	62	<0.001	2	0.47	0.012	0.24	0.1	0.03	2.2	0.2	0.57	1	<0.5	<0.2	
1068408	Drill Core	0.042	15	5	0.65	34	0.001	2	0.41	0.005	0.18	0.1	0.07	4.0	0.2	0.57	1	<0.5	<0.2	
1068409	Drill Core	0.045	14	7	0.74	66	0.041	2	1.07	0.063	0.15	<0.1	<0.01	4.4	<0.1	0.20	4	<0.5	<0.2	
1068410	Rock Pulp	0.055	7	44	0.76	122	0.123	4	1.67	0.191	0.28	0.5	<0.01	2.5	<0.1	0.13	5	1.9	0.6	
1068411	Drill Core	0.036	10	7	0.71	35	0.003	3	1.01	0.020	0.16	<0.1	<0.01	3.0	0.2	0.68	4	0.7	<0.2	
1068412	Drill Core	0.048	12	7	0.87	39	0.010	<1	1.48	0.030	0.17	<0.1	0.02	4.7	0.1	0.73	4	0.6	<0.2	
1068413	Drill Core	0.044	13	8	0.83	45	0.005	2	1.21	0.016	0.16	0.1	0.02	3.9	0.2	0.92	4	0.8	<0.2	
1068414	Drill Core	0.046	14	4	0.74	48	0.001	<1	0.61	0.009	0.20	0.1	<0.01	3.7	0.2	1.09	2	0.7	<0.2	
1068415	Drill Core	0.048	18	5	0.75	56	<0.001	1	0.69	0.011	0.19	0.1	0.01	4.4	0.2	0.56	2	<0.5	<0.2	
1068416	Drill Core	0.046	9	6	0.72	69	0.004	1	0.87	0.015	0.18	0.4	0.02	3.2	0.2	1.74	3	0.6	<0.2	
1068417	Drill Core	0.048	6	5	0.68	53	<0.001	2	0.30	0.004	0.23	0.6	0.04	2.8	0.2	2.93	<1	0.9	0.2	
1068418	Drill Core	0.040	4	2	0.60	48	<0.001	2	0.26	0.003	0.21	0.4	0.05	1.6	0.2	4.39	<1	1.6	0.3	
1068419	Drill Core	0.044	3	5	0.31	42	<0.001	<1	0.25	0.003	0.21	0.2	0.02	1.5	0.2	4.37	<1	2.3	0.2	
1068420	Drill Core	0.036	3	1	0.91	14	<0.001	2	0.29	0.004	0.23	0.4	0.04	1.3	0.3	9.85	<1	23.1	2.3	0.461
1068421	Drill Core	0.050	12	5	0.68	67	<0.001	1	0.40	0.004	0.23	0.3	0.05	3.9	0.2	1.92	1	<0.5	<0.2	
1068422	Drill Core	0.053	15	7	0.99	43	0.001	1	1.56	0.011	0.17	0.3	0.02	3.7	0.2	0.57	4	<0.5	<0.2	
1068423	Drill Core	0.046	13	9	1.05	56	0.002	3	1.54	0.009	0.18	0.1	0.03	3.3	0.2	0.80	4	<0.5	<0.2	
1068424	Rock	0.014	<1	<1	11.32	18	<0.001	2	0.02	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
1068425	Drill Core	0.048	9	11	1.00	42	0.053	2	1.53	0.057	0.13	0.1	<0.01	4.0	0.1	0.71	5	<0.5	<0.2	
1068426	Drill Core	0.047	9	8	1.03	45	0.096	2	1.39	0.056	0.12	0.1	<0.01	3.5	<0.1	0.54	5	<0.5	0.5	
1068427	Drill Core	0.045	11	11	0.92	61	0.050	2	1.35	0.057	0.13	<0.1	<0.01	4.1	0.1	0.50	5	0.7	<0.2	
1068428	Drill Core	0.050	9	3	0.93	56	<0.001	3	0.48	0.006	0.28	4.5	<0.01	3.4	0.3	2.48	1	<0.5	<0.2	
1068429	Drill Core	0.047	8	5	0.87	53	<0.001	3	0.48	0.006	0.31	1.5	0.02	3.2	0.3	3.08	1	<0.5	0.2	
1068430	Drill Core	0.049	15	8	0.87	47	0.007	2	1.44	0.028	0.19	0.1	0.02	4.6	0.2	1.17	5	0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001770.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068431	Drill Core	6.50	0.052	0.5	42.7	67.8	205	1.2	3.6	8.7	876	3.53	49.9	41.2	12.1	38	2.2	4.3	3.4	32	1.42
1068432	Drill Core	7.85	0.108	1.4	82.9	198.4	725	2.1	4.3	7.6	2302	4.41	151.4	108.5	10.3	56	8.9	8.5	4.8	18	1.86
1068433	Rock Pulp	0.11	3.922	199.6	2358	71.7	89	32.6	32.9	23.5	634	4.44	44.3	3615	1.9	116	0.2	71.3	1.7	59	1.15
1068434	Drill Core	7.54	1.039	49.8	296.0	2576	5180	11.8	3.2	5.7	5636	6.94	3990	654.0	4.3	63	75.0	89.7	17.9	4	3.59
1068435	Drill Core	4.17	0.022	0.8	31.9	16.3	150	0.6	4.2	8.8	709	2.85	30.9	11.8	11.7	36	1.7	3.4	1.4	41	1.16
1068436	Drill Core	4.66	0.043	2.2	39.1	26.9	87	0.7	4.6	9.4	723	2.83	24.0	33.4	10.4	60	0.6	9.6	2.4	37	2.13
1068437	Drill Core	6.17	0.029	0.6	47.2	15.0	55	0.3	3.9	7.5	376	3.40	40.3	25.3	9.8	50	0.3	1.1	2.7	62	1.47
1068438	Drill Core	5.33	0.010	1.1	38.8	14.9	57	0.3	4.4	8.1	396	3.17	15.2	10.0	10.4	58	0.4	0.9	1.9	65	1.45
1068439	Drill Core	6.36	0.028	1.0	47.7	30.9	81	0.4	3.9	7.3	417	3.38	31.8	68.6	10.0	55	0.7	1.1	2.8	58	1.99
1068440	Drill Core	5.27	0.019	1.5	68.9	24.3	58	0.5	4.0	7.5	398	3.33	34.5	23.8	10.4	52	0.4	1.9	6.9	62	1.51
1068441	Drill Core	6.71	0.030	1.0	35.9	24.4	53	0.4	4.1	9.8	378	3.53	24.5	36.1	9.2	51	0.3	1.1	4.2	69	1.32
1068442	Drill Core	2.52	0.029	0.8	24.4	20.3	52	0.3	4.5	11.6	377	3.46	19.2	29.7	8.8	50	0.3	0.8	2.4	71	1.27
1068443	Drill Core	6.13	0.115	0.6	135.6	375.5	1123	2.5	3.5	7.2	2925	3.19	771.6	90.8	9.1	100	15.1	6.4	10.9	14	4.39
1068444	Drill Core	5.25	0.015	0.7	38.3	27.7	148	0.6	4.6	10.4	626	2.98	33.8	21.6	10.8	83	1.7	1.4	1.3	55	2.09
1068445	Drill Core	5.05	0.028	1.0	176.8	65.5	305	1.1	3.7	6.9	1981	2.30	213.7	27.7	12.2	112	3.8	2.8	2.5	23	3.85
1068446	Drill Core	7.25	0.009	0.5	14.4	12.8	43	0.4	4.2	10.7	605	2.78	14.3	6.8	10.5	102	0.2	1.2	0.9	46	3.24
1068447	Drill Core	6.59	<0.005	0.5	13.7	12.2	46	0.1	4.2	8.8	402	2.70	8.5	6.2	10.4	57	0.2	0.4	1.0	60	1.84
1068448	Drill Core	6.62	0.007	0.3	19.3	16.1	48	0.3	4.4	7.6	457	2.83	9.2	4.1	11.0	50	0.2	0.4	6.2	65	1.58
1068449	Drill Core	6.56	0.010	0.4	8.1	10.2	48	0.1	4.3	8.0	752	2.71	17.7	8.6	9.9	88	0.2	0.4	0.5	44	2.65
1068450	Drill Core	5.97	0.012	0.2	7.2	9.7	44	0.1	4.0	8.1	718	2.64	14.7	9.1	10.4	77	0.1	0.4	0.4	48	2.57
1068451	Drill Core	5.65	0.012	0.4	7.2	11.4	53	<0.1	4.2	8.6	644	2.87	12.1	5.4	9.6	58	0.3	0.3	0.3	56	2.30
1068452	Drill Core	4.90	<0.005	0.6	1.5	7.6	34	<0.1	3.9	7.2	296	2.65	3.2	1.2	10.3	32	0.1	0.3	0.1	69	0.93
1068453	Rock	0.67	<0.005	<0.1	2.6	1.6	11	<0.1	1.5	0.6	242	0.37	<0.5	<0.5	<0.1	37	<0.1	<0.1	<0.1	<2	17.55
1068454	Drill Core	6.30	<0.005	0.4	5.7	8.8	38	<0.1	4.1	8.5	372	2.61	3.9	1.7	9.7	35	0.2	0.4	0.2	62	1.15
1068455	Drill Core	8.36	<0.005	0.8	20.1	9.8	44	0.1	4.7	9.8	357	2.86	4.9	2.1	10.6	36	0.2	0.4	0.8	70	1.06
1068456	Drill Core	6.47	0.009	0.6	59.4	32.2	79	0.8	5.0	11.3	516	3.57	16.9	9.4	9.8	40	0.5	1.0	4.3	72	1.29
1068457	Drill Core	5.08	0.006	0.6	29.4	14.8	64	0.3	4.8	10.3	463	2.99	12.5	5.8	10.1	41	0.4	0.6	1.4	63	1.39
1068458	Drill Core	5.56	<0.005	0.4	39.8	19.9	58	0.4	4.4	8.3	424	2.77	15.5	4.5	9.2	39	0.4	1.0	3.2	46	1.83
1068459	Drill Core	2.08	0.021	0.4	127.8	40.6	86	1.5	4.1	14.9	414	4.06	27.7	16.2	8.9	29	0.8	1.3	11.3	56	2.10
1068460	Drill Core	3.59	0.016	0.4	63.1	29.6	69	0.6	3.1	7.5	390	2.71	18.7	8.1	9.4	34	0.7	0.9	6.4	46	2.12

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001770.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068431	Drill Core	0.045	15	6	0.57	43	<0.001	2	0.45	0.003	0.18	0.2	0.03	4.7	0.2	1.35	1	<0.5	<0.2	
1068432	Drill Core	0.049	8	2	0.77	56	<0.001	2	0.37	0.003	0.28	0.2	0.07	2.6	0.3	2.38	1	<0.5	<0.2	
1068433	Rock Pulp	0.066	6	17	0.98	54	0.115	2	1.58	0.110	0.19	0.2	10.48	1.9	0.1	1.83	4	0.7	19.4	0.244
1068434	Drill Core	0.028	2	3	1.18	19	<0.001	2	0.23	0.004	0.18	0.3	0.26	1.0	0.3	7.01	<1	2.7	0.5	
1068435	Drill Core	0.055	22	5	0.46	33	0.002	1	0.70	0.004	0.14	<0.1	0.08	7.0	0.2	0.51	2	<0.5	<0.2	
1068436	Drill Core	0.057	24	5	0.44	59	0.002	1	0.66	0.003	0.14	<0.1	0.10	6.1	0.3	0.80	2	<0.5	<0.2	
1068437	Drill Core	0.054	13	10	0.98	51	0.040	<1	1.52	0.075	0.17	<0.1	0.01	5.0	0.2	0.89	5	<0.5	<0.2	
1068438	Drill Core	0.053	12	12	1.01	55	0.031	<1	1.56	0.070	0.16	<0.1	<0.01	5.5	0.2	0.69	5	<0.5	<0.2	
1068439	Drill Core	0.054	14	9	1.04	35	0.004	1	1.61	0.038	0.15	<0.1	0.01	4.8	0.2	0.91	6	<0.5	<0.2	
1068440	Drill Core	0.050	13	11	0.93	50	0.032	<1	1.55	0.069	0.18	<0.1	<0.01	4.9	0.2	0.80	6	<0.5	<0.2	
1068441	Drill Core	0.053	11	9	0.96	67	0.081	1	1.49	0.074	0.19	0.1	<0.01	5.0	0.2	0.88	5	<0.5	<0.2	
1068442	Drill Core	0.053	10	11	0.97	66	0.081	<1	1.48	0.068	0.19	0.1	<0.01	4.9	0.1	0.81	5	<0.5	<0.2	
1068443	Drill Core	0.042	10	2	0.88	65	<0.001	3	0.42	0.005	0.25	0.3	0.03	3.0	0.3	1.89	1	<0.5	<0.2	
1068444	Drill Core	0.052	15	12	0.84	101	0.016	2	1.52	0.036	0.21	0.2	<0.01	5.1	0.2	0.53	4	<0.5	<0.2	
1068445	Drill Core	0.047	13	3	0.82	102	0.002	2	0.71	0.009	0.23	0.5	0.02	3.6	0.3	0.78	2	<0.5	<0.2	
1068446	Drill Core	0.048	15	10	0.81	68	0.011	<1	1.56	0.023	0.18	0.2	0.02	4.6	0.2	0.52	4	<0.5	<0.2	
1068447	Drill Core	0.050	12	9	0.83	64	0.072	<1	1.27	0.075	0.19	<0.1	<0.01	4.5	0.1	0.40	4	<0.5	<0.2	
1068448	Drill Core	0.051	11	14	0.93	63	0.080	1	1.35	0.082	0.17	<0.1	<0.01	4.8	0.1	0.36	5	<0.5	<0.2	
1068449	Drill Core	0.048	13	8	0.86	80	0.006	1	1.33	0.038	0.19	<0.1	<0.01	4.9	0.2	0.62	5	<0.5	<0.2	
1068450	Drill Core	0.047	14	11	0.83	52	0.019	1	1.33	0.032	0.19	<0.1	<0.01	4.5	0.1	0.46	4	<0.5	<0.2	
1068451	Drill Core	0.051	12	10	0.86	51	0.043	1	1.31	0.045	0.17	<0.1	<0.01	4.2	0.1	0.49	5	<0.5	<0.2	
1068452	Drill Core	0.050	8	13	0.82	59	0.152	1	1.16	0.082	0.11	0.2	<0.01	2.7	<0.1	0.06	5	<0.5	<0.2	
1068453	Rock	0.012	<1	<1	9.54	101	<0.001	<1	0.02	0.002	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
1068454	Drill Core	0.049	9	13	0.88	37	0.113	2	1.27	0.064	0.10	0.1	<0.01	3.3	<0.1	0.21	5	<0.5	<0.2	
1068455	Drill Core	0.052	9	11	0.92	56	0.146	1	1.41	0.086	0.12	0.2	<0.01	3.5	<0.1	0.37	5	<0.5	<0.2	
1068456	Drill Core	0.058	10	13	1.33	33	0.050	<1	1.93	0.042	0.10	0.1	0.03	4.2	<0.1	0.77	6	<0.5	<0.2	
1068457	Drill Core	0.051	11	15	1.07	34	0.039	<1	1.64	0.056	0.10	<0.1	0.01	4.5	<0.1	0.54	6	<0.5	<0.2	
1068458	Drill Core	0.051	15	9	1.00	50	0.008	1	1.52	0.037	0.16	<0.1	<0.01	3.6	0.1	0.91	5	<0.5	<0.2	
1068459	Drill Core	0.050	17	8	1.17	40	0.001	2	1.68	0.023	0.20	<0.1	<0.01	4.5	0.2	2.18	6	<0.5	0.4	
1068460	Drill Core	0.045	17	9	0.93	26	0.003	1	1.32	0.021	0.16	<0.1	<0.01	3.2	0.1	1.00	5	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001770.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068461	Drill Core	5.95	0.012	1.2	49.4	26.8	64	0.4	5.5	10.5	408	2.74	10.2	10.2	9.3	35	0.5	0.6	3.0	52	1.61
1068462	Rock Pulp	0.11	0.264	9.7	134.5	7.8	50	0.2	27.4	35.5	512	3.22	1381	363.8	3.0	81	0.2	2.1	4.3	78	1.50
1068463	Drill Core	6.59	0.018	5.3	16.6	10.6	41	0.1	5.0	10.5	409	2.92	8.2	<0.5	9.7	38	0.1	0.3	1.0	72	1.11
1068464	Drill Core	5.31	0.018	25.1	3.5	7.3	38	<0.1	4.6	9.6	347	2.76	4.6	4.4	9.6	36	0.1	0.3	0.4	67	1.03
1068465	Drill Core	5.78	0.017	18.6	5.0	9.0	35	<0.1	4.5	8.2	320	2.64	4.6	2.8	10.1	36	<0.1	0.5	0.3	66	1.03
1068466	Drill Core	5.71	0.018	0.3	5.0	9.4	40	<0.1	4.1	7.5	327	2.61	5.4	2.5	10.2	43	0.1	0.8	0.2	65	1.00
1068467	Drill Core	5.49	0.028	0.3	15.9	13.6	48	0.2	5.9	7.0	420	2.65	11.2	2.7	9.7	37	0.2	0.8	0.6	65	1.39
1068468	Drill Core	5.57	0.029	0.6	34.9	23.5	56	0.8	6.0	9.5	491	2.82	35.5	5.4	8.8	40	0.3	1.2	3.0	59	1.97
1068469	Drill Core	9.00	0.060	0.7	55.5	55.8	153	1.0	5.5	9.6	913	3.35	163.6	38.8	9.2	55	1.7	2.5	3.4	61	2.57
1068470	Drill Core	6.68	0.034	0.4	43.8	13.3	56	0.3	4.7	8.5	418	3.12	33.5	11.6	9.8	33	0.3	0.9	2.6	65	1.22
1068471	Drill Core	2.82	0.032	0.4	37.1	12.2	55	0.2	4.5	8.6	441	3.11	25.6	7.4	9.8	34	0.3	0.7	1.8	64	1.25
1068472	Drill Core	5.94	0.029	0.7	38.4	14.9	70	0.4	5.7	9.7	497	3.08	21.9	5.7	9.9	36	0.3	0.9	1.9	66	1.35
1068473	Drill Core	5.35	0.029	0.6	46.6	22.6	93	0.8	5.5	10.0	480	2.94	12.5	5.0	10.2	35	0.6	0.4	3.4	54	1.89
1068474	Drill Core	5.45	0.030	0.4	69.1	27.0	92	0.9	5.7	7.8	434	2.99	16.7	8.6	8.6	33	0.8	1.0	7.9	56	1.49
1068475	Drill Core	5.71	0.030	0.7	57.2	33.3	103	0.8	3.6	4.2	323	2.37	13.4	5.5	10.6	29	1.1	0.7	3.7	40	1.51
1068476	Drill Core	5.95	0.031	0.7	16.9	13.8	46	0.2	3.5	6.6	359	2.24	12.0	3.0	11.5	30	0.1	0.7	0.8	51	1.29
1068477	Drill Core	6.32	0.025	0.4	15.6	20.2	51	0.2	4.1	7.6	333	2.24	10.3	4.4	9.8	31	0.4	0.3	0.9	47	0.99
1068478	Drill Core	5.90	0.028	0.4	45.7	18.8	65	0.3	4.6	8.1	418	3.06	14.9	7.4	9.7	30	0.4	0.5	2.3	65	1.36
1068479	Drill Core	4.21	0.026	1.3	68.8	31.3	91	0.8	4.6	8.2	397	3.03	36.5	6.3	11.4	36	0.9	1.3	7.3	59	1.63
1068480	Drill Core	6.60	0.145	0.5	106.7	45.8	123	1.6	5.5	12.5	640	3.58	144.1	118.9	9.6	52	1.2	1.2	14.6	37	2.53
1068481	Rock	0.80	0.023	<0.1	1.1	1.1	11	<0.1	0.8	0.5	207	0.45	0.9	<0.5	0.1	34	<0.1	<0.1	<0.1	3	20.27
1068482	Drill Core	6.20	0.085	0.4	408.3	46.8	124	3.1	4.0	5.9	557	3.04	50.4	70.7	10.1	46	1.6	0.9	12.6	48	2.36
1068483	Drill Core	5.55	0.090	0.3	126.7	64.2	188	2.1	3.4	5.6	485	3.19	102.3	92.2	10.8	42	2.2	0.9	9.5	49	2.45
1068484	Drill Core	6.22	0.088	0.3	126.6	46.7	96	1.8	4.0	4.9	272	3.56	136.8	91.6	9.6	17	1.3	0.8	5.0	27	1.14
1068485	Drill Core	6.50	0.229	0.3	117.4	54.7	134	1.8	3.3	5.2	254	4.05	252.9	211.6	8.3	18	1.6	0.9	6.1	31	1.02
1068486	Drill Core	5.50	0.074	1.8	63.5	53.4	128	1.2	3.5	5.6	327	2.39	86.8	48.1	10.2	25	1.5	1.0	2.5	46	1.34
1068487	Drill Core	6.96	0.008	0.4	156.2	56.8	129	2.0	4.3	10.0	407	3.10	39.2	15.7	10.6	26	1.7	0.5	4.6	57	1.39
1068488	Drill Core	7.39	1.095	0.3	2621	163.4	257	17.4	4.2	6.6	112	7.69	459.2	941.6	9.2	5	4.2	0.9	32.1	14	0.25
1068489	Drill Core	6.30	0.691	0.5	926.3	119.6	171	7.0	4.6	9.5	212	6.75	533.4	722.3	10.9	7	2.3	1.2	16.3	21	0.41
1068490	Rock Pulp	0.11	3.602	200.0	2414	74.2	89	32.1	33.5	24.3	629	4.47	43.9	3717	1.9	110	0.3	68.9	1.6	59	1.15

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001770.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068461	Drill Core	0.051	14	11	1.07	31	0.072	<1	1.45	0.044	0.11	0.1	<0.01	3.8	<0.1	0.74	5	<0.5	<0.2	
1068462	Rock Pulp	0.055	7	47	0.77	132	0.138	4	1.86	0.208	0.27	0.4	<0.01	2.9	<0.1	0.13	5	1.8	0.6	
1068463	Drill Core	0.056	8	15	0.98	53	0.147	<1	1.40	0.094	0.13	0.1	<0.01	3.5	<0.1	0.42	5	<0.5	<0.2	
1068464	Drill Core	0.051	9	14	0.92	49	0.159	1	1.30	0.084	0.09	0.1	<0.01	3.4	<0.1	0.34	5	<0.5	<0.2	
1068465	Drill Core	0.051	9	11	0.90	40	0.159	2	1.40	0.080	0.08	0.1	<0.01	2.9	<0.1	0.25	5	<0.5	<0.2	
1068466	Drill Core	0.052	10	14	0.89	62	0.156	2	1.46	0.092	0.09	0.2	<0.01	2.6	<0.1	0.21	5	<0.5	<0.2	
1068467	Drill Core	0.051	11	17	1.03	36	0.117	1	1.54	0.079	0.09	0.2	<0.01	4.6	<0.1	0.42	5	<0.5	<0.2	
1068468	Drill Core	0.057	13	18	1.14	25	0.067	2	1.61	0.055	0.11	0.4	<0.01	5.1	0.1	0.67	5	<0.5	<0.2	
1068469	Drill Core	0.053	11	13	1.14	49	0.016	3	1.75	0.030	0.17	0.5	0.02	3.9	0.2	0.97	5	<0.5	<0.2	
1068470	Drill Core	0.054	8	14	1.09	39	0.080	2	1.55	0.065	0.11	0.1	<0.01	3.4	0.1	0.75	5	<0.5	<0.2	
1068471	Drill Core	0.056	8	11	1.09	39	0.073	2	1.52	0.062	0.11	0.2	<0.01	3.1	0.1	0.70	5	<0.5	<0.2	
1068472	Drill Core	0.060	8	18	1.18	31	0.067	2	1.64	0.054	0.09	0.1	<0.01	4.0	0.1	0.66	5	<0.5	<0.2	
1068473	Drill Core	0.053	12	25	1.16	28	0.016	1	1.48	0.040	0.12	<0.1	<0.01	3.6	<0.1	1.08	5	<0.5	<0.2	
1068474	Drill Core	0.056	10	12	1.12	29	0.056	2	1.48	0.046	0.11	0.2	<0.01	3.9	<0.1	1.17	5	<0.5	<0.2	
1068475	Drill Core	0.040	13	7	0.81	36	0.024	2	1.21	0.045	0.15	<0.1	<0.01	2.3	0.1	0.74	4	<0.5	<0.2	
1068476	Drill Core	0.047	9	9	0.88	40	0.067	2	1.22	0.050	0.09	0.1	<0.01	3.0	0.1	0.41	4	<0.5	<0.2	
1068477	Drill Core	0.049	9	9	0.88	38	0.082	2	1.25	0.064	0.08	0.1	<0.01	2.3	<0.1	0.59	4	<0.5	<0.2	
1068478	Drill Core	0.050	9	13	1.03	43	0.093	1	1.48	0.072	0.10	0.3	<0.01	3.8	0.1	0.92	5	<0.5	<0.2	
1068479	Drill Core	0.050	9	14	1.09	68	0.043	2	1.59	0.063	0.13	0.2	<0.01	3.8	0.2	0.99	5	<0.5	<0.2	
1068480	Drill Core	0.044	10	8	0.77	42	0.002	1	1.27	0.010	0.19	0.2	<0.01	2.6	0.2	2.14	4	<0.5	0.5	
1068481	Rock	0.013	<1	<1	11.99	12	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.3	<0.1	0.09	<1	<0.5	<0.2	
1068482	Drill Core	0.052	12	9	0.98	41	0.001	1	1.55	0.019	0.21	0.2	<0.01	3.0	0.2	1.49	4	<0.5	0.5	
1068483	Drill Core	0.052	12	11	1.03	36	0.001	<1	1.52	0.006	0.21	0.3	<0.01	3.3	0.2	1.55	5	<0.5	0.2	
1068484	Drill Core	0.051	9	7	0.72	30	0.001	1	1.22	0.004	0.27	0.2	<0.01	2.2	0.2	2.38	3	<0.5	<0.2	
1068485	Drill Core	0.045	8	10	0.62	33	0.002	1	1.13	0.007	0.27	0.2	<0.01	1.9	0.2	3.19	3	<0.5	<0.2	
1068486	Drill Core	0.048	10	8	0.85	31	0.036	<1	1.24	0.041	0.13	0.2	<0.01	3.1	0.1	0.94	4	<0.5	<0.2	
1068487	Drill Core	0.054	11	12	1.05	33	0.037	1	1.54	0.046	0.17	0.2	<0.01	3.6	0.2	1.13	5	<0.5	<0.2	
1068488	Drill Core	0.044	5	3	0.28	20	0.002	1	0.61	0.004	0.22	0.1	<0.01	1.0	0.1	7.17	2	<0.5	0.6	0.275
1068489	Drill Core	0.054	7	8	0.49	28	0.003	<1	0.88	0.004	0.27	0.2	<0.01	1.3	0.2	5.98	3	<0.5	0.3	
1068490	Rock Pulp	0.067	6	17	0.98	83	0.112	<1	1.58	0.110	0.19	0.3	9.30	1.6	0.1	1.82	4	0.6	19.8	0.249

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001770.1

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068491	Drill Core	6.45	0.266	0.6	354.8	151.1	129	4.9	4.6	8.7	259	4.28	307.5	279.2	10.2	13	1.6	1.1	12.3	29	0.70
1068492	Drill Core	5.51	0.304	0.6	316.1	117.9	130	3.5	4.5	8.3	213	4.78	318.7	253.7	7.8	8	1.7	0.7	11.0	27	0.35
1068493	Drill Core	6.70	0.214	0.5	193.1	109.2	188	2.5	4.7	8.3	173	4.78	316.9	187.8	7.3	7	2.5	0.7	8.3	18	0.47
1068494	Drill Core	6.36	0.021	0.4	63.5	40.8	81	0.6	3.3	5.6	373	2.92	52.6	26.2	9.1	24	0.7	0.4	2.0	52	1.38
1068495	Drill Core	6.28	0.243	0.8	273.8	165.6	156	4.8	3.5	12.7	302	4.81	232.3	204.2	8.4	20	2.1	1.0	16.6	36	1.54
1068496	Drill Core	6.15	0.014	0.3	62.3	36.7	76	1.2	3.5	6.0	403	2.55	15.1	21.6	9.5	30	0.5	0.2	3.0	60	1.48
1068497	Drill Core	5.54	0.006	0.2	48.3	26.6	74	0.7	4.4	6.3	401	2.50	19.5	10.6	8.0	26	0.7	0.3	1.7	51	1.14
1068498	Drill Core	6.31	0.010	0.3	52.7	24.8	81	0.4	4.9	7.9	400	2.84	20.1	13.7	8.6	27	0.6	0.5	1.8	57	1.04
1068499	Drill Core	5.96	0.014	0.4	35.7	15.6	59	0.5	4.4	6.7	344	2.59	9.2	23.0	8.6	27	0.2	0.4	3.1	58	0.95
1068500	Drill Core	5.51	<0.005	0.6	40.7	17.9	72	0.5	6.6	12.2	452	2.95	14.0	9.4	9.0	32	0.4	0.4	2.0	61	1.32

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001770.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068491	Drill Core	0.053	7	6	0.58	36	0.010	<1	1.05	0.010	0.26	0.3	<0.01	1.7	0.2	3.34	4	0.6	0.3	
1068492	Drill Core	0.044	5	7	0.53	31	0.006	2	0.98	0.012	0.26	0.2	<0.01	1.9	0.2	4.18	3	0.6	0.3	
1068493	Drill Core	0.045	5	5	0.47	24	0.004	1	0.80	0.003	0.25	0.2	<0.01	1.2	0.2	4.46	3	<0.5	<0.2	
1068494	Drill Core	0.053	9	12	1.00	35	0.028	<1	1.45	0.033	0.19	0.3	<0.01	3.0	0.2	1.11	5	<0.5	<0.2	
1068495	Drill Core	0.044	7	7	0.81	28	0.011	1	1.16	0.005	0.21	0.4	<0.01	2.4	0.2	3.99	4	<0.5	0.5	
1068496	Drill Core	0.054	9	13	1.18	46	0.058	2	1.58	0.047	0.15	0.4	<0.01	3.5	0.1	0.76	6	<0.5	<0.2	
1068497	Drill Core	0.049	8	9	1.09	30	0.079	<1	1.42	0.058	0.09	0.3	<0.01	2.9	<0.1	0.62	5	<0.5	<0.2	
1068498	Drill Core	0.054	7	13	1.07	34	0.092	<1	1.41	0.057	0.08	0.3	<0.01	2.8	0.2	0.87	5	<0.5	<0.2	
1068499	Drill Core	0.057	7	11	1.00	31	0.097	1	1.41	0.074	0.07	0.2	<0.01	2.5	0.1	0.65	5	<0.5	<0.2	
1068500	Drill Core	0.054	8	14	1.10	23	0.092	1	1.44	0.063	0.08	0.2	<0.01	3.6	<0.1	1.00	5	0.7	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001770.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1068402	Drill Core	5.90	0.041	0.5	225.7	31.7	220	0.7	3.8	8.9	715	3.41	141.9	42.7	10.9	62	2.7	7.5	4.0	51	1.48
REP 1068402	QC			0.7	231.2	32.1	224	0.7	3.9	9.3	739	3.41	145.2	41.3	11.0	63	2.7	7.8	4.2	52	1.53
1068408	Drill Core	2.93	0.014	1.0	20.3	31.5	101	0.3	3.4	7.7	1156	2.97	34.5	16.9	12.2	47	0.8	5.0	0.9	34	1.77
REP 1068408	QC		0.016																		
1068418	Drill Core	3.72	0.072	0.6	152.9	239.2	1522	3.4	4.4	6.7	1432	5.83	312.9	70.0	9.9	39	17.8	6.8	9.2	14	1.34
REP 1068418	QC			0.8	150.6	239.5	1495	3.4	4.2	6.5	1425	5.79	307.6	65.1	10.0	38	18.2	6.7	9.3	13	1.32
1068427	Drill Core	8.20	0.012	0.5	11.4	14.9	54	0.1	3.8	7.3	393	2.73	17.7	13.7	10.3	47	0.2	0.8	0.7	61	1.31
REP 1068427	QC		0.010																		
1068435	Drill Core	4.17	0.022	0.8	31.9	16.3	150	0.6	4.2	8.8	709	2.85	30.9	11.8	11.7	36	1.7	3.4	1.4	41	1.16
REP 1068435	QC			0.9	30.3	13.3	147	0.9	3.7	8.2	663	2.67	27.3	9.4	10.9	34	1.8	3.4	1.3	39	1.08
1068468	Drill Core	5.57	0.029	0.6	34.9	23.5	56	0.8	6.0	9.5	491	2.82	35.5	5.4	8.8	40	0.3	1.2	3.0	59	1.97
REP 1068468	QC			0.6	34.8	22.7	58	1.2	5.5	9.3	489	2.76	34.9	6.0	8.3	39	0.3	1.2	2.9	57	1.92
1068481	Rock	0.80	0.023	<0.1	1.1	1.1	11	<0.1	0.8	0.5	207	0.45	0.9	<0.5	0.1	34	<0.1	<0.1	<0.1	3	20.27
REP 1068481	QC		0.023																		
1068483	Drill Core	5.55	0.090	0.3	126.7	64.2	188	2.1	3.4	5.6	485	3.19	102.3	92.2	10.8	42	2.2	0.9	9.5	49	2.45
REP 1068483	QC			0.3	128.6	65.2	192	2.1	4.1	5.5	497	3.18	103.3	105.9	11.0	42	2.0	0.8	9.6	48	2.46
1068498	Drill Core	6.31	0.010	0.3	52.7	24.8	81	0.4	4.9	7.9	400	2.84	20.1	13.7	8.6	27	0.6	0.5	1.8	57	1.04
REP 1068498	QC			0.4	53.1	25.2	78	0.4	5.2	8.3	408	2.92	20.2	11.2	8.4	29	0.7	0.5	1.8	58	1.08
Core Reject Duplicates																					
1068412	Drill Core	5.71	<0.005	2.0	22.5	19.3	164	0.5	4.0	8.9	663	3.26	17.7	8.4	12.2	58	1.7	1.3	1.2	53	1.61
DUP 1068412	QC		0.009	1.8	21.7	18.7	159	0.4	3.9	8.2	674	3.16	15.6	8.6	12.2	57	1.5	1.3	1.0	53	1.60
1068447	Drill Core	6.59	<0.005	0.5	13.7	12.2	46	0.1	4.2	8.8	402	2.70	8.5	6.2	10.4	57	0.2	0.4	1.0	60	1.84
DUP 1068447	QC		<0.005	0.4	12.9	11.5	46	0.1	4.0	8.4	396	2.65	7.6	3.9	10.5	57	0.2	0.3	0.8	60	1.79
1068482	Drill Core	6.20	0.085	0.4	408.3	46.8	124	3.1	4.0	5.9	557	3.04	50.4	70.7	10.1	46	1.6	0.9	12.6	48	2.36
DUP 1068482	QC		0.085	0.5	512.0	54.9	136	4.3	4.4	5.2	570	3.03	46.9	78.3	10.5	47	1.5	1.2	19.3	49	2.45
Reference Materials																					
STD DS8	Standard			13.7	115.6	123.9	313	1.8	39.2	7.9	621	2.54	25.9	154.4	7.1	69	2.5	5.6	6.5	42	0.75
STD DS8	Standard			12.4	108.1	123.3	306	1.8	38.7	7.3	591	2.41	25.3	112.3	6.8	61	2.1	5.2	6.1	41	0.68

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001770.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																				
1068402	Drill Core	0.046	18	10	0.94	43	0.020	1	1.23	0.032	0.14	0.9	0.02	4.1	0.1	0.95	5	<0.5	<0.2	
REP 1068402	QC	0.047	19	10	0.96	44	0.018	<1	1.19	0.031	0.14	0.9	0.01	4.3	0.1	0.96	5	<0.5	<0.2	
1068408	Drill Core	0.042	15	5	0.65	34	0.001	2	0.41	0.005	0.18	0.1	0.07	4.0	0.2	0.57	1	<0.5	<0.2	
REP 1068408	QC																			
1068418	Drill Core	0.040	4	2	0.60	48	<0.001	2	0.26	0.003	0.21	0.4	0.05	1.6	0.2	4.39	<1	1.6	0.3	
REP 1068418	QC	0.040	3	2	0.60	40	<0.001	1	0.25	0.003	0.21	0.5	0.05	1.7	0.2	4.35	<1	1.3	0.3	
1068427	Drill Core	0.045	11	11	0.92	61	0.050	2	1.35	0.057	0.13	<0.1	<0.01	4.1	0.1	0.50	5	0.7	<0.2	
REP 1068427	QC																			
1068435	Drill Core	0.055	22	5	0.46	33	0.002	1	0.70	0.004	0.14	<0.1	0.08	7.0	0.2	0.51	2	<0.5	<0.2	
REP 1068435	QC	0.053	21	4	0.42	30	0.002	1	0.63	0.003	0.13	0.1	0.06	6.5	0.2	0.49	2	<0.5	<0.2	
1068468	Drill Core	0.057	13	18	1.14	25	0.067	2	1.61	0.055	0.11	0.4	<0.01	5.1	0.1	0.67	5	<0.5	<0.2	
REP 1068468	QC	0.055	12	17	1.12	24	0.060	2	1.56	0.053	0.11	0.4	<0.01	5.0	0.1	0.65	5	<0.5	<0.2	
1068481	Rock	0.013	<1	<1	11.99	12	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.3	<0.1	0.09	<1	<0.5	<0.2	
REP 1068481	QC																			
1068483	Drill Core	0.052	12	11	1.03	36	0.001	<1	1.52	0.006	0.21	0.3	<0.01	3.3	0.2	1.55	5	<0.5	0.2	
REP 1068483	QC	0.051	12	11	1.04	36	0.001	1	1.52	0.006	0.21	0.2	<0.01	3.1	0.2	1.55	5	<0.5	0.2	
1068498	Drill Core	0.054	7	13	1.07	34	0.092	<1	1.41	0.057	0.08	0.3	<0.01	2.8	0.2	0.87	5	<0.5	<0.2	
REP 1068498	QC	0.054	7	13	1.11	35	0.093	1	1.46	0.059	0.08	0.3	<0.01	2.7	0.2	0.90	5	<0.5	<0.2	
Core Reject Duplicates																				
1068412	Drill Core	0.048	12	7	0.87	39	0.010	<1	1.48	0.030	0.17	<0.1	0.02	4.7	0.1	0.73	4	0.6	<0.2	
DUP 1068412	QC	0.046	13	7	0.86	40	0.013	1	1.46	0.032	0.17	0.1	0.02	4.5	0.1	0.66	4	<0.5	<0.2	
1068447	Drill Core	0.050	12	9	0.83	64	0.072	<1	1.27	0.075	0.19	<0.1	<0.01	4.5	0.1	0.40	4	<0.5	<0.2	
DUP 1068447	QC	0.051	12	9	0.83	62	0.077	1	1.25	0.074	0.19	<0.1	<0.01	4.4	0.1	0.37	4	<0.5	<0.2	
1068482	Drill Core	0.052	12	9	0.98	41	0.001	1	1.55	0.019	0.21	0.2	<0.01	3.0	0.2	1.49	4	<0.5	0.5	
DUP 1068482	QC	0.052	13	9	1.02	42	0.001	2	1.55	0.019	0.21	0.2	<0.01	3.1	0.2	1.37	5	<0.5	1.0	
Reference Materials																				
STD DS8	Standard	0.080	17	120	0.63	279	0.126	3	0.96	0.096	0.43	3.0	0.21	2.2	5.4	0.17	5	5.1	5.0	
STD DS8	Standard	0.079	14	115	0.59	275	0.115	2	0.90	0.088	0.41	2.9	0.21	1.9	5.2	0.16	4	3.5	4.5	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001770.1

		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD DS8	Standard			12.4	106.8	116.8	299	1.7	36.2	7.2	584	2.40	23.7	103.7	6.2	62	2.0	5.4	6.5	42	0.68
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.356																		
STD OXH82	Standard		1.271																		
STD OXH82	Standard		1.395																		
STD OXK79	Standard		3.835																		
STD OXK79	Standard		3.590																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXK79 Expected			3.532																		
STD OXH82 Expected			1.278																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001770.1

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
STD DS8	Standard	0.075	14	110	0.59	248	0.112	3	0.90	0.086	0.42	2.9	0.19	2.0	5.0	0.17	5	4.1	5.0	
STD OREAS131B	Standard																			0.022
STD OREAS153A	Standard																			0.719
STD OREAS131B	Standard																			0.021
STD OREAS153A	Standard																			0.707
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD SU-1B	Standard																			1.201
STD SU-1B	Standard																			1.163
STD OXK79 Expected																				
STD OXH82 Expected																				
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS131B Expected																				0.0216
STD SU-1B Expected																				1.185
STD OREAS153A Expected																				0.712
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001770.1

		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.1	2.0	4.2	41	<0.1	2.6	3.7	504	1.76	<0.5	2.1	6.2	52	<0.1	<0.1	<0.1	35	0.47
G1	Prep Blank		<0.005	0.1	2.1	6.5	46	<0.1	2.8	4.2	565	1.84	<0.5	1.6	6.7	52	<0.1	<0.1	<0.1	38	0.47

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001770.1

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			<0.001
BLK	Blank																			<0.001
Prep Wash																				
G1	Prep Blank	0.074	11	4	0.49	160	0.118	<1	0.84	0.076	0.46	<0.1	0.01	1.6	0.3	<0.05	4	0.6	<0.2	
G1	Prep Blank	0.085	13	7	0.51	173	0.126	1	0.90	0.091	0.52	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Email Distribution List - Project Etzel
Receiving Lab: Canada-Whitehorse
Received: September 28, 2011
Report Date: November 17, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001784.1

CLIENT JOB INFORMATION

Project: Etzel Project
Shipment ID: ETZEL11-006
P.O. Number
Number of Samples: 100

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	96	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	100	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	100	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	2	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001784.1

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068301	Rock	0.99	<0.005	0.3	0.7	1.8	11	<0.1	1.3	0.5	168	0.41	<0.5	1.3	<0.1	33	<0.1	<0.1	<0.1	<2	15.72
1068302	Drill Core	4.73	0.008	1.2	13.6	14.9	92	0.2	3.2	9.9	506	2.77	15.5	16.4	11.2	33	1.0	0.6	0.5	49	0.91
1068303	Drill Core	3.68	0.027	1.6	31.6	50.5	294	0.8	3.9	12.2	531	3.08	35.6	26.1	11.6	13	1.9	1.0	0.9	52	0.39
1068304	Drill Core	6.23	0.016	1.3	16.1	56.3	256	0.4	4.0	9.2	678	3.10	30.4	29.3	12.8	39	3.5	0.5	0.9	58	1.08
1068305	Drill Core	6.23	0.007	1.4	23.3	12.4	87	0.2	3.3	9.0	485	2.43	17.6	10.6	11.6	36	0.8	0.6	0.4	53	0.92
1068306	Drill Core	4.43	0.007	1.3	37.8	16.2	171	0.9	4.2	17.2	1058	2.78	28.2	8.1	13.3	18	2.3	0.9	0.5	47	0.40
1068307	Drill Core	5.04	<0.005	1.4	58.1	26.8	235	0.4	3.7	13.6	1110	2.98	57.7	8.1	14.1	11	2.4	1.6	0.7	48	0.26
1068308	Drill Core	5.56	<0.005	0.9	9.9	7.8	67	0.1	3.9	7.2	647	2.54	4.2	1.8	11.5	36	0.7	0.7	0.2	55	0.98
1068309	Drill Core	5.85	0.006	1.0	9.2	18.5	163	0.2	3.4	8.2	732	2.70	18.4	8.3	13.2	51	1.1	0.8	0.5	49	1.51
1068310	Rock Pulp	0.14	0.390	10.0	134.9	7.8	50	0.2	26.0	35.1	494	3.15	1379	390.4	3.1	76	0.2	2.1	4.4	77	1.30
1068311	Drill Core	5.12	0.010	0.7	11.0	32.2	124	0.2	3.2	5.7	793	3.07	28.7	8.7	11.9	52	0.9	1.0	0.7	44	1.51
1068312	Drill Core	6.27	0.027	1.3	20.6	70.5	326	0.6	5.3	8.9	2070	3.64	78.6	25.1	12.0	34	3.1	2.6	0.9	30	1.09
1068313	Drill Core	6.77	0.061	1.0	35.2	96.5	268	0.9	3.7	11.5	1354	3.74	212.0	70.6	11.2	40	2.4	2.7	1.3	34	1.28
1068314	Drill Core	6.10	0.014	1.1	16.5	25.1	214	0.3	4.3	8.7	1331	3.18	78.1	14.0	12.6	52	2.1	2.0	0.7	43	1.54
1068315	Drill Core	5.00	0.362	2.9	94.6	190.7	535	2.4	3.4	8.7	1769	4.74	1889	397.6	9.8	43	8.4	16.4	3.8	12	1.50
1068316	Drill Core	5.25	1.434	5.3	70.7	280.1	264	3.4	4.7	7.4	1572	4.18	767.1	2094	10.3	46	4.2	14.4	4.9	10	1.12
1068317	Drill Core	5.51	0.010	1.5	24.5	14.1	138	0.3	4.6	13.5	1651	2.35	72.6	3.6	14.7	38	2.1	2.0	0.1	39	1.01
1068318	Drill Core	4.94	0.012	1.2	11.5	10.1	131	0.3	6.4	18.1	1537	3.19	17.9	6.0	13.5	30	1.8	1.3	0.5	46	0.66
1068319	Drill Core	2.41	<0.005	1.0	10.4	9.7	123	0.8	4.9	16.0	1697	2.99	16.0	6.0	13.2	32	1.9	1.2	0.5	43	0.71
1068320	Drill Core	5.71	0.022	1.2	34.0	26.2	259	0.5	5.1	9.5	1552	3.02	20.3	17.0	11.9	50	3.5	2.0	1.0	44	1.31
1068321	Drill Core	3.06	0.021	2.0	46.7	24.1	120	0.4	5.2	10.9	1448	3.36	18.5	12.8	11.6	77	1.1	0.8	0.8	60	2.28
1068322	Drill Core	6.49	0.016	1.5	29.6	21.1	104	0.6	5.2	10.4	782	2.58	36.5	17.0	12.2	62	0.7	2.0	0.8	45	1.59
1068323	Drill Core	5.63	0.058	1.4	37.3	24.5	212	0.4	4.1	5.1	998	3.25	26.0	72.7	11.2	62	1.5	1.6	1.2	46	1.68
1068324	Rock	1.01	<0.005	<0.1	0.9	1.1	10	<0.1	1.2	0.6	157	0.38	<0.5	0.7	<0.1	33	<0.1	<0.1	<0.1	<2	16.41
1068325	Drill Core	5.21	0.007	1.0	23.5	20.6	161	0.3	4.1	7.9	904	2.83	29.4	6.3	11.7	38	1.5	1.8	0.8	44	1.02
1068326	Drill Core	6.50	0.028	0.6	20.1	26.5	149	0.3	4.9	11.0	658	2.93	19.0	18.8	9.8	46	1.2	1.4	0.8	42	1.40
1068327	Drill Core	6.02	0.011	0.5	36.3	48.5	170	0.4	3.8	8.9	2512	2.76	41.7	9.7	10.1	82	1.7	3.2	0.7	17	2.38
1068328	Drill Core	6.46	0.321	1.1	233.6	191.3	188	3.8	3.2	11.4	5453	4.04	581.6	288.7	8.5	61	2.3	18.0	7.5	15	2.44
1068329	Drill Core	6.26	0.089	0.9	122.1	37.3	158	1.0	3.7	12.6	1094	2.88	54.1	93.5	11.3	57	1.3	5.5	2.2	26	1.86
1068330	Drill Core	5.94	0.040	2.5	45.2	127.0	414	1.0	3.9	10.5	2800	2.65	453.6	39.6	10.1	53	4.5	6.1	1.3	17	1.79

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001784.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068301	Rock	0.011	<1	<1	10.82	8	<0.001	<1	0.02	0.003	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
1068302	Drill Core	0.047	19	13	0.73	95	0.023	1	1.20	0.059	0.17	0.1	0.01	3.9	0.1	0.32	5	<0.5	<0.2	
1068303	Drill Core	0.050	19	11	0.67	165	0.010	<1	1.29	0.006	0.14	0.2	0.17	4.5	<0.1	0.18	5	<0.5	<0.2	
1068304	Drill Core	0.048	17	17	0.90	65	0.019	2	1.46	0.056	0.20	<0.1	0.01	5.3	0.1	0.43	5	<0.5	<0.2	
1068305	Drill Core	0.044	13	16	0.76	52	0.021	<1	1.16	0.054	0.12	<0.1	<0.01	3.9	<0.1	0.24	4	<0.5	<0.2	
1068306	Drill Core	0.047	20	12	0.74	39	0.004	<1	1.49	0.014	0.11	0.1	0.10	3.6	<0.1	0.08	5	<0.5	<0.2	
1068307	Drill Core	0.052	24	10	0.68	56	0.003	<1	1.34	0.009	0.13	0.2	0.29	3.6	0.1	0.15	4	<0.5	<0.2	
1068308	Drill Core	0.046	15	16	0.78	115	0.024	1	1.19	0.066	0.13	<0.1	<0.01	4.6	0.1	0.11	4	<0.5	<0.2	
1068309	Drill Core	0.048	15	14	0.85	136	0.007	2	1.18	0.045	0.16	<0.1	<0.01	4.3	0.1	0.50	4	<0.5	<0.2	
1068310	Rock Pulp	0.057	7	46	0.76	129	0.113	3	1.70	0.190	0.27	0.4	<0.01	2.4	<0.1	0.13	5	2.9	0.6	
1068311	Drill Core	0.047	15	10	0.79	78	0.002	3	1.20	0.043	0.20	<0.1	<0.01	4.1	0.2	0.64	4	<0.5	<0.2	
1068312	Drill Core	0.043	16	7	0.48	69	<0.001	3	0.86	0.015	0.27	0.1	0.01	3.8	0.3	0.73	2	<0.5	<0.2	
1068313	Drill Core	0.046	14	7	0.61	73	0.002	1	0.92	0.012	0.26	0.3	0.03	3.9	0.3	1.42	3	0.6	<0.2	
1068314	Drill Core	0.050	17	9	0.59	55	0.005	2	0.86	0.025	0.19	<0.1	0.04	4.8	0.3	0.51	3	<0.5	<0.2	
1068315	Drill Core	0.044	6	2	0.50	39	<0.001	1	0.39	0.005	0.30	0.3	0.07	2.4	0.4	3.90	<1	0.5	<0.2	
1068316	Drill Core	0.034	10	7	0.35	47	<0.001	2	0.39	0.005	0.28	0.3	0.14	2.7	0.6	3.59	<1	<0.5	<0.2	
1068317	Drill Core	0.054	26	6	0.58	64	0.001	1	0.90	0.005	0.18	0.2	0.20	5.0	0.4	0.30	3	<0.5	<0.2	
1068318	Drill Core	0.056	22	11	1.05	43	0.002	2	1.84	0.018	0.17	0.2	0.06	4.4	0.2	0.38	6	<0.5	<0.2	
1068319	Drill Core	0.052	25	7	1.01	40	0.001	<1	1.76	0.013	0.16	0.2	0.06	3.8	0.2	0.39	5	<0.5	<0.2	
1068320	Drill Core	0.048	18	9	0.88	41	0.001	2	1.64	0.019	0.18	0.1	0.03	3.7	0.2	0.40	5	<0.5	<0.2	
1068321	Drill Core	0.058	22	8	1.00	45	0.007	<1	1.72	0.014	0.19	0.2	0.04	4.5	0.2	0.62	5	<0.5	<0.2	
1068322	Drill Core	0.048	17	11	0.75	112	0.012	2	1.34	0.032	0.20	0.1	0.04	4.0	0.2	0.57	4	<0.5	<0.2	
1068323	Drill Core	0.051	15	6	0.85	53	0.003	1	1.36	0.027	0.21	<0.1	0.01	4.7	0.2	0.61	4	<0.5	<0.2	
1068324	Rock	0.011	<1	<1	11.20	11	<0.001	<1	0.03	0.003	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
1068325	Drill Core	0.046	14	7	0.76	50	0.006	1	1.42	0.026	0.17	<0.1	0.04	3.5	0.2	0.61	4	<0.5	<0.2	
1068326	Drill Core	0.050	16	10	0.92	54	0.004	<1	1.54	0.019	0.19	0.1	0.03	3.8	0.2	0.86	4	<0.5	<0.2	
1068327	Drill Core	0.048	16	3	0.77	72	<0.001	2	0.59	0.008	0.31	0.1	0.10	3.0	0.4	1.28	1	<0.5	<0.2	
1068328	Drill Core	0.039	7	5	0.85	44	0.001	2	0.46	0.008	0.42	0.3	0.12	2.1	0.4	3.37	1	0.8	0.8	
1068329	Drill Core	0.043	28	5	0.58	60	<0.001	1	0.80	0.018	0.29	<0.1	0.02	2.6	0.3	1.23	2	0.7	0.2	
1068330	Drill Core	0.045	10	3	0.68	36	<0.001	1	0.45	0.007	0.14	0.1	0.11	3.0	0.2	1.38	1	0.6	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001784.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068331	Drill Core	6.76	0.479	2.1	112.7	457.2	646	4.4	5.2	14.9	3441	9.93	494.6	413.3	8.5	42	7.2	6.7	8.8	20	1.45
1068332	Drill Core	5.57	0.035	2.1	33.5	181.5	931	0.8	3.8	7.8	1551	3.02	82.6	30.5	10.8	87	10.8	1.8	1.2	23	2.27
1068333	Rock Pulp	0.14	3.849	176.2	2226	68.8	80	30.8	31.4	22.1	581	4.04	40.3	3506	1.8	103	0.1	66.2	1.5	54	1.05
1068334	Drill Core	6.12	0.018	1.7	8.2	24.2	672	0.2	3.5	6.9	756	2.44	14.8	15.4	9.7	48	8.2	0.7	0.5	49	1.66
1068335	Drill Core	5.86	0.011	1.2	16.3	71.8	295	0.6	4.3	6.8	738	2.61	19.7	5.8	9.4	45	3.1	2.4	0.7	45	1.94
1068336	Drill Core	6.32	0.277	0.7	18.9	34.2	142	0.5	4.9	10.8	694	2.91	116.2	198.9	9.7	53	1.3	0.8	1.0	45	2.24
1068337	Drill Core	5.95	0.656	0.4	59.5	25.3	64	0.6	4.8	8.4	635	2.31	271.4	626.5	10.7	55	0.5	1.7	1.1	31	2.56
1068338	Drill Core	5.78	0.014	0.4	47.0	47.7	517	0.5	2.8	5.6	629	1.86	15.7	9.5	12.3	48	5.5	1.4	0.7	33	2.07
1068339	Drill Core	5.45	0.017	0.7	88.7	46.2	437	0.7	3.5	5.9	655	2.32	21.6	10.7	11.8	47	4.6	1.3	1.0	50	1.92
1068340	Drill Core	6.76	0.174	0.5	60.7	26.8	500	0.6	3.3	5.6	716	2.10	65.0	148.9	11.5	61	5.7	1.4	1.2	40	2.17
1068341	Drill Core	4.34	0.006	0.7	7.2	7.8	175	<0.1	3.7	7.6	487	2.44	8.2	1.0	10.7	43	1.7	0.6	0.2	57	1.13
1068342	Drill Core	2.06	<0.005	0.7	5.7	7.1	114	0.5	3.3	7.2	439	2.34	7.1	<0.5	10.5	37	1.0	0.6	0.2	56	0.98
1068343	Drill Core	3.95	0.022	0.4	18.6	14.4	68	0.2	3.1	6.7	548	2.00	24.5	22.4	11.5	59	0.5	0.6	0.4	35	2.45
1068344	Drill Core	4.06	0.010	0.7	36.3	62.1	208	0.3	5.4	6.9	555	2.41	10.5	5.5	11.5	43	1.9	0.7	0.3	62	1.60
1068345	Drill Core	3.15	0.012	0.4	10.1	12.3	337	0.2	3.9	12.0	579	2.61	11.0	10.0	9.5	42	3.3	0.6	0.4	49	1.40
1068346	Drill Core	4.46	0.091	0.7	70.5	20.3	265	0.5	3.8	10.1	543	2.23	32.5	53.9	10.1	39	2.5	1.0	0.7	41	1.54
1068347	Drill Core	6.28	<0.005	0.7	22.5	32.8	89	0.3	2.8	6.5	453	1.76	11.4	7.2	8.7	37	0.6	0.7	0.5	43	1.59
1068348	Drill Core	6.21	0.128	1.8	60.6	14.3	84	0.4	3.8	9.2	420	2.21	567.7	113.6	9.9	35	0.7	1.1	0.8	49	1.29
1068349	Drill Core	5.33	0.427	0.6	87.7	23.0	66	0.6	2.5	4.0	413	1.73	691.7	426.4	9.3	39	0.6	1.2	3.0	48	1.64
1068350	Drill Core	6.02	0.019	0.8	50.8	13.0	73	0.3	3.9	9.4	421	2.40	15.0	37.7	10.3	35	0.7	0.5	0.4	64	1.27
1068351	Drill Core	5.99	0.007	0.7	33.0	11.3	57	0.2	3.8	8.6	410	2.46	11.5	12.6	10.1	32	0.4	0.3	0.2	64	0.98
1068352	Drill Core	5.52	0.005	0.6	19.7	10.5	44	<0.1	4.3	8.8	413	2.71	7.6	8.5	11.2	35	0.2	0.4	0.1	71	0.86
1068353	Rock	0.94	<0.005	<0.1	1.7	0.7	5	<0.1	1.3	1.0	166	0.43	<0.5	0.8	<0.1	28	<0.1	<0.1	<0.1	<2	15.36
1068354	Drill Core	6.23	0.024	1.2	41.1	41.9	105	0.9	4.3	10.2	606	3.45	54.1	24.3	12.6	39	1.0	0.5	1.9	64	1.25
1068355	Drill Core	4.35	0.015	2.1	54.4	18.0	112	0.5	3.7	10.1	579	2.56	8.2	15.6	10.6	40	1.0	0.5	0.5	56	1.27
1068356	Drill Core	5.82	0.038	0.4	92.9	41.9	293	0.8	5.3	12.1	1486	4.09	62.5	32.2	10.0	58	2.9	4.7	3.1	56	1.77
1068357	Drill Core	2.33	0.007	0.8	28.5	9.6	68	0.3	5.2	11.9	645	3.01	7.6	6.3	10.3	79	0.3	0.8	0.3	60	2.05
1068358	Drill Core	4.45	<0.005	0.7	16.6	7.3	46	0.1	4.0	9.7	518	2.68	3.3	5.1	9.9	54	0.2	0.9	0.2	66	1.47
1068359	Drill Core	5.98	0.017	0.8	25.5	12.4	91	0.2	4.1	13.5	737	2.85	9.7	11.4	10.0	55	0.6	1.4	0.4	61	1.83
1068360	Drill Core	2.31	0.039	0.9	66.2	26.0	115	0.6	3.8	14.1	955	3.26	19.8	20.8	9.4	69	0.8	1.0	1.0	55	2.29

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001784.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068331	Drill Core	0.050	4	4	0.82	25	<0.001	2	0.36	0.005	0.26	0.2	0.06	2.6	0.3	7.92	1	1.0	0.5	
1068332	Drill Core	0.048	13	3	0.76	35	<0.001	2	0.38	0.007	0.16	<0.1	0.05	3.5	0.2	1.00	<1	<0.5	<0.2	
1068333	Rock Pulp	0.062	6	16	0.89	44	0.099	<1	1.47	0.102	0.18	0.3	9.31	1.6	0.1	1.66	4	0.9	17.2	0.250
1068334	Drill Core	0.051	11	10	0.89	135	0.024	2	1.39	0.063	0.17	<0.1	0.02	4.4	0.1	0.42	4	<0.5	<0.2	
1068335	Drill Core	0.053	13	14	0.98	97	0.014	2	1.29	0.043	0.14	0.1	0.05	4.7	0.1	1.05	4	<0.5	<0.2	
1068336	Drill Core	0.055	13	10	0.98	42	0.005	1	1.52	0.061	0.22	0.1	0.01	4.1	0.2	1.36	5	<0.5	<0.2	
1068337	Drill Core	0.049	11	7	0.83	88	0.001	<1	1.16	0.027	0.21	0.2	0.01	2.8	0.2	0.94	4	<0.5	<0.2	
1068338	Drill Core	0.043	15	15	0.73	105	0.003	<1	1.24	0.047	0.22	<0.1	0.01	3.1	0.2	0.51	4	<0.5	<0.2	
1068339	Drill Core	0.057	14	14	0.99	59	0.016	<1	1.39	0.043	0.15	0.1	<0.01	4.4	0.1	0.57	4	<0.5	<0.2	
1068340	Drill Core	0.063	16	14	0.94	61	0.004	<1	1.32	0.047	0.18	<0.1	<0.01	3.7	0.1	0.68	4	<0.5	<0.2	
1068341	Drill Core	0.048	15	19	0.83	79	0.064	<1	1.20	0.071	0.12	0.2	<0.01	3.8	<0.1	0.09	4	<0.5	<0.2	
1068342	Drill Core	0.047	15	16	0.77	75	0.078	<1	1.12	0.067	0.11	0.2	<0.01	3.5	<0.1	0.07	4	<0.5	<0.2	
1068343	Drill Core	0.051	19	12	0.90	53	0.004	<1	1.48	0.052	0.26	0.1	<0.01	3.7	0.2	0.42	4	<0.5	<0.2	
1068344	Drill Core	0.054	13	27	1.03	53	0.058	<1	1.31	0.065	0.11	0.2	<0.01	4.8	<0.1	0.16	4	<0.5	<0.2	
1068345	Drill Core	0.051	11	15	0.99	58	0.018	<1	1.55	0.070	0.14	<0.1	<0.01	4.0	<0.1	0.48	5	<0.5	<0.2	
1068346	Drill Core	0.050	13	14	0.96	37	0.021	<1	1.39	0.054	0.12	0.1	<0.01	3.8	<0.1	0.62	4	<0.5	<0.2	
1068347	Drill Core	0.045	11	13	0.89	34	0.048	<1	1.19	0.062	0.12	0.1	<0.01	3.9	<0.1	0.54	4	<0.5	<0.2	
1068348	Drill Core	0.051	13	16	0.94	33	0.057	<1	1.28	0.072	0.09	0.5	<0.01	4.4	<0.1	0.63	4	<0.5	<0.2	
1068349	Drill Core	0.053	11	17	1.01	29	0.019	<1	1.34	0.063	0.14	0.1	<0.01	4.6	0.1	0.29	4	<0.5	1.2	
1068350	Drill Core	0.052	12	17	0.90	48	0.104	<1	1.24	0.076	0.10	0.5	<0.01	4.2	<0.1	0.28	5	<0.5	<0.2	
1068351	Drill Core	0.051	10	19	0.90	174	0.118	1	1.31	0.091	0.13	0.7	<0.01	3.6	<0.1	0.33	5	<0.5	<0.2	
1068352	Drill Core	0.052	11	20	0.90	201	0.135	2	1.23	0.083	0.13	1.0	<0.01	3.2	<0.1	0.20	5	<0.5	<0.2	
1068353	Rock	0.013	<1	1	10.70	17	<0.001	<1	0.02	0.003	0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
1068354	Drill Core	0.053	13	13	0.98	70	0.083	<1	1.25	0.055	0.15	0.9	<0.01	4.2	0.1	1.29	5	<0.5	<0.2	
1068355	Drill Core	0.049	12	16	0.90	66	0.054	<1	1.26	0.078	0.12	0.3	<0.01	4.3	<0.1	0.36	5	<0.5	<0.2	
1068356	Drill Core	0.053	16	14	1.01	45	0.004	<1	1.69	0.017	0.19	0.2	0.04	4.6	0.2	1.53	5	<0.5	<0.2	
1068357	Drill Core	0.056	21	10	1.01	58	0.013	<1	1.54	0.008	0.17	0.3	0.13	4.6	0.1	0.25	5	<0.5	<0.2	
1068358	Drill Core	0.053	16	16	0.84	63	0.031	<1	1.26	0.080	0.15	0.1	0.03	5.5	<0.1	0.15	5	<0.5	<0.2	
1068359	Drill Core	0.053	15	16	0.92	74	0.035	<1	1.38	0.058	0.17	0.1	<0.01	5.2	0.1	0.37	5	<0.5	<0.2	
1068360	Drill Core	0.051	18	11	1.03	74	0.003	<1	1.73	0.019	0.15	0.2	0.03	5.4	0.1	0.70	6	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001784.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068361	Drill Core	3.17	0.010	0.6	32.9	33.6	254	0.5	3.5	12.3	933	2.46	19.4	13.6	11.2	65	2.3	4.0	1.2	41	2.21
1068362	Rock Pulp	0.14	0.409	10.1	131.3	7.6	52	0.2	27.6	36.4	499	3.19	1377	377.9	2.9	71	0.3	1.8	4.1	79	1.35
1068363	Drill Core	4.33	0.010	0.2	33.2	34.5	186	0.8	2.1	6.6	946	2.07	12.5	23.7	11.1	51	1.6	3.2	1.8	33	2.35
1068364	Drill Core	4.88	0.022	0.6	75.7	50.3	493	0.6	3.2	8.3	1803	2.78	61.4	26.5	10.8	76	5.8	5.7	1.7	22	2.33
1068365	Drill Core	3.12	2.067	35.9	885.4	125.8	155	6.5	3.3	4.8	743	7.44	9446	1918	5.5	40	2.1	228.4	24.6	11	1.50
1068366	Drill Core	4.34	0.115	0.8	38.4	52.7	110	0.8	3.1	6.2	868	3.75	174.1	137.7	10.0	36	1.1	4.7	2.9	24	1.09
1068367	Drill Core	6.06	0.012	0.7	14.7	12.9	54	0.2	3.6	7.1	618	2.84	15.3	33.0	10.1	64	0.3	1.2	0.6	59	1.71
1068368	Drill Core	5.52	0.014	0.8	14.0	25.5	75	0.2	3.5	7.1	681	2.76	9.3	17.2	9.1	65	0.5	0.6	0.6	55	1.94
1068369	Drill Core	6.30	<0.005	0.8	4.9	13.2	54	<0.1	4.7	10.0	640	3.12	9.1	11.1	10.8	99	0.4	0.8	0.4	67	1.96
1068370	Drill Core	5.70	<0.005	0.6	3.8	10.0	43	<0.1	4.3	8.3	445	2.89	5.2	0.7	12.0	52	0.2	0.4	0.2	72	1.19
1068371	Drill Core	3.55	<0.005	0.6	4.6	8.2	43	<0.1	4.0	7.4	463	2.93	5.1	1.1	11.4	50	0.2	0.3	0.1	70	1.18
1068372	Drill Core	6.10	<0.005	0.5	2.1	5.8	40	<0.1	4.3	9.1	529	2.74	3.3	2.2	12.9	68	0.2	0.3	0.1	65	1.57
1068373	Drill Core	6.59	0.005	0.7	53.2	16.7	84	0.3	3.7	8.2	671	3.16	14.6	6.6	12.2	60	0.7	0.5	0.7	62	1.64
1068374	Drill Core	6.20	0.006	1.2	95.6	21.3	96	0.5	4.2	9.9	586	3.03	8.9	5.0	11.7	44	0.8	0.3	2.4	65	1.24
1068375	Drill Core	6.62	0.010	0.9	13.9	30.3	73	0.2	4.5	9.6	446	3.05	15.8	13.4	11.6	43	0.2	0.3	0.3	80	1.04
1068376	Drill Core	6.50	<0.005	0.6	10.3	17.3	64	<0.1	4.0	7.2	397	2.55	5.3	2.9	11.9	51	0.3	0.2	0.2	67	1.11
1068377	Drill Core	7.46	<0.005	0.6	15.5	28.0	71	0.2	3.6	6.7	588	2.64	12.9	3.6	12.1	59	0.4	0.6	0.7	57	1.61
1068378	Drill Core	3.15	0.008	0.4	11.5	63.4	263	0.3	2.6	6.8	906	3.02	12.5	8.2	11.0	71	3.1	1.2	0.7	37	1.97
1068379	Drill Core	4.73	0.016	2.1	48.7	24.3	74	0.4	3.7	11.6	612	2.63	11.1	15.2	10.4	65	0.5	4.3	0.7	51	1.86
1068380	Drill Core	5.89	0.014	7.5	29.7	34.7	191	0.3	3.6	12.4	1942	3.39	25.7	10.6	11.5	102	2.0	7.5	0.8	41	2.93
1068381	Rock	0.94	<0.005	<0.1	1.4	1.6	16	<0.1	<0.1	0.4	233	0.42	0.6	0.9	0.1	47	0.1	<0.1	<0.1	<2	23.21
1068382	Drill Core	6.45	0.008	4.2	89.4	49.1	166	0.6	2.7	3.6	1621	2.48	59.0	10.6	11.6	77	1.7	25.7	2.3	26	2.51
1068383	Drill Core	3.10	0.091	24.9	626.2	265.4	647	5.6	3.0	4.6	2468	3.82	444.2	79.3	9.6	52	9.7	137.8	101.4	17	1.96
1068384	Drill Core	4.98	1.023	34.3	431.9	2180	5571	9.1	4.0	6.5	2134	5.62	2604	1123	8.5	29	78.5	98.3	27.4	9	1.11
1068385	Drill Core	6.52	0.074	0.3	122.9	178.7	189	1.3	2.8	5.6	1237	3.08	96.8	68.7	12.4	66	2.1	10.9	2.6	26	1.98
1068386	Drill Core	6.33	0.118	0.4	62.7	125.3	551	0.9	3.4	9.3	855	3.06	32.6	152.3	13.3	79	6.0	3.0	2.5	45	2.10
1068387	Drill Core	5.44	0.312	0.7	825.6	221.1	182	3.6	4.1	8.8	971	3.24	29.5	191.6	15.2	35	1.8	14.2	478.3	41	0.91
1068388	Drill Core	5.67	0.007	0.4	33.8	24.9	73	0.3	3.3	8.6	807	2.70	9.6	30.5	14.3	56	0.5	4.4	0.1	44	1.72
1068389	Drill Core	3.16	<0.005	0.4	8.7	27.7	75	0.3	4.0	8.3	577	2.94	6.2	8.0	13.3	76	0.4	1.9	4.1	53	1.65
1068390	Rock Pulp	0.14	3.402	197.0	2385	87.1	93	33.0	35.5	25.4	668	4.54	45.5	3846	2.2	135	0.2	81.4	2.1	58	1.14

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001784.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068361	Drill Core	0.057	25	7	0.72	45	<0.001	<1	0.95	0.008	0.14	0.2	0.31	5.4	0.1	0.67	2	<0.5	<0.2	
1068362	Rock Pulp	0.057	7	47	0.77	126	0.118	2	1.74	0.194	0.28	0.4	<0.01	2.9	<0.1	0.13	5	2.0	0.7	
1068363	Drill Core	0.056	21	6	0.67	28	<0.001	<1	0.87	0.006	0.15	<0.1	0.18	5.4	0.2	0.30	2	<0.5	<0.2	
1068364	Drill Core	0.048	15	8	0.85	88	<0.001	1	0.54	0.007	0.25	0.4	0.17	4.9	0.3	0.81	1	<0.5	<0.2	
1068365	Drill Core	0.073	2	5	0.49	28	<0.001	2	0.41	0.006	0.26	0.2	0.75	1.8	0.5	7.01	1	1.0	4.4	
1068366	Drill Core	0.046	12	8	0.45	44	0.001	<1	0.58	0.006	0.24	<0.1	0.11	3.6	0.2	2.39	1	<0.5	<0.2	
1068367	Drill Core	0.045	16	17	0.87	105	0.031	1	1.42	0.086	0.18	<0.1	0.02	5.5	0.2	0.28	5	<0.5	<0.2	
1068368	Drill Core	0.047	15	14	0.87	88	0.014	<1	1.36	0.061	0.13	<0.1	<0.01	5.2	0.1	0.34	5	<0.5	<0.2	
1068369	Drill Core	0.049	16	20	0.95	190	0.055	3	1.96	0.235	0.38	0.1	<0.01	5.4	0.2	0.25	6	<0.5	<0.2	
1068370	Drill Core	0.056	13	20	0.88	117	0.118	1	1.22	0.090	0.14	0.2	<0.01	3.6	<0.1	0.05	5	<0.5	<0.2	
1068371	Drill Core	0.054	11	17	0.88	96	0.093	1	1.12	0.073	0.12	0.1	<0.01	3.4	<0.1	0.05	5	<0.5	<0.2	
1068372	Drill Core	0.052	14	17	0.94	130	0.050	1	1.22	0.095	0.16	<0.1	<0.01	4.9	<0.1	0.11	5	<0.5	<0.2	
1068373	Drill Core	0.051	14	16	0.88	70	0.053	1	1.18	0.046	0.18	0.1	<0.01	3.6	<0.1	0.34	5	<0.5	<0.2	
1068374	Drill Core	0.050	15	16	0.91	67	0.082	2	1.34	0.077	0.17	0.2	<0.01	3.9	<0.1	0.30	5	<0.5	<0.2	
1068375	Drill Core	0.059	10	13	0.93	364	0.126	<1	1.21	0.078	0.14	0.3	<0.01	3.1	<0.1	0.19	5	<0.5	<0.2	
1068376	Drill Core	0.052	12	16	0.82	307	0.126	1	1.33	0.130	0.19	0.2	<0.01	3.3	<0.1	0.11	5	<0.5	<0.2	
1068377	Drill Core	0.052	15	13	0.95	105	0.038	1	1.39	0.076	0.15	0.1	<0.01	4.9	<0.1	0.31	5	<0.5	<0.2	
1068378	Drill Core	0.057	16	5	0.59	164	<0.001	1	0.49	0.018	0.20	0.1	0.01	4.8	0.2	0.37	1	<0.5	<0.2	
1068379	Drill Core	0.054	17	10	0.71	67	0.013	<1	1.28	0.045	0.15	0.3	<0.01	5.7	0.1	0.41	4	<0.5	<0.2	
1068380	Drill Core	0.052	21	4	0.89	69	0.001	1	0.66	0.004	0.16	0.2	0.08	5.5	0.2	0.52	1	<0.5	<0.2	
1068381	Rock	0.015	<1	<1	12.02	31	<0.001	<1	0.04	0.002	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
1068382	Drill Core	0.054	21	2	0.95	54	<0.001	<1	0.47	0.004	0.21	0.1	0.13	4.8	0.3	0.23	<1	<0.5	<0.2	
1068383	Drill Core	0.044	6	4	0.72	39	<0.001	2	0.45	0.004	0.34	0.3	0.37	2.8	0.5	3.01	1	<0.5	<0.2	
1068384	Drill Core	0.035	3	4	0.38	28	<0.001	1	0.31	0.003	0.25	0.2	0.37	1.5	0.4	5.48	<1	<0.5	0.3	
1068385	Drill Core	0.049	15	3	0.50	57	<0.001	1	0.64	0.007	0.25	0.1	0.07	4.0	0.3	1.17	1	<0.5	<0.2	
1068386	Drill Core	0.056	18	9	0.87	57	0.006	<1	1.16	0.028	0.18	0.2	0.09	4.5	0.1	0.69	3	<0.5	<0.2	
1068387	Drill Core	0.054	25	4	0.44	230	0.002	<1	0.72	0.003	0.17	1.3	0.12	5.3	0.1	0.63	2	<0.5	<0.2	
1068388	Drill Core	0.060	29	12	0.54	37	0.003	<1	0.79	0.005	0.16	0.4	0.02	7.2	0.1	0.30	2	<0.5	<0.2	
1068389	Drill Core	0.051	19	7	0.86	87	0.010	1	1.22	0.041	0.15	0.3	<0.01	5.7	0.1	0.30	4	<0.5	<0.2	
1068390	Rock Pulp	0.066	7	19	0.97	50	0.110	<1	1.55	0.104	0.19	0.3	9.77	1.5	0.1	1.81	4	0.5	20.4	0.250

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001784.1

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068391	Drill Core	5.39	0.130	1.4	21.1	81.3	184	0.5	1.6	7.1	719	1.90	187.5	135.5	18.9	55	2.5	3.8	1.5	14	1.80
1068392	Drill Core	6.68	0.015	0.7	12.9	27.9	114	0.3	3.4	7.8	536	2.57	14.1	31.9	14.8	48	1.5	0.6	1.3	57	1.27
1068393	Drill Core	6.12	0.009	2.1	41.3	18.2	64	0.3	4.0	10.7	515	2.53	7.4	15.0	14.1	48	0.4	0.4	0.4	56	1.25
1068394	Drill Core	5.30	0.009	0.7	54.7	42.8	126	0.4	3.7	9.9	716	2.96	17.0	12.8	15.0	82	1.3	0.5	1.6	57	1.87
1068395	Drill Core	6.27	<0.005	0.7	7.8	17.6	75	0.1	3.7	9.6	489	2.72	8.2	1.4	14.5	53	0.8	0.4	0.3	60	1.33
1068396	Drill Core	5.79	<0.005	0.8	5.3	17.3	60	0.1	3.6	7.3	443	2.56	6.1	3.3	13.8	56	0.4	0.3	0.3	62	1.21
1068397	Drill Core	6.52	<0.005	0.9	6.8	11.4	46	<0.1	3.9	10.1	552	2.75	10.1	2.8	14.1	62	0.2	0.5	0.1	64	1.39
1068398	Drill Core	5.43	1.458	0.5	15.3	22.6	68	0.4	3.7	8.1	523	2.84	68.9	1693	13.9	67	0.6	1.7	0.6	61	1.30
1068399	Drill Core	5.49	0.024	0.5	40.6	33.0	169	0.4	3.9	9.2	735	3.33	237.4	26.3	13.4	87	1.6	3.7	1.4	56	1.63
1068400	Drill Core	6.10	0.019	0.7	24.6	25.2	128	0.3	3.8	10.1	896	2.80	164.4	23.6	13.9	95	1.2	2.5	0.5	52	1.57

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

CERTIFICATE OF ANALYSIS WHI11001784.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068391	Drill Core	0.028	19	5	0.46	133	0.001	<1	0.45	0.005	0.23	0.2	0.08	2.0	0.2	0.86	<1	<0.5	<0.2	
1068392	Drill Core	0.047	12	9	0.86	110	0.075	<1	1.21	0.070	0.15	0.3	<0.01	3.7	<0.1	0.27	4	<0.5	<0.2	
1068393	Drill Core	0.048	12	14	0.87	95	0.067	<1	1.16	0.060	0.12	3.6	<0.01	3.5	<0.1	0.31	4	<0.5	<0.2	
1068394	Drill Core	0.052	14	9	0.94	160	0.042	1	1.55	0.079	0.20	0.4	<0.01	4.1	0.1	0.65	5	<0.5	<0.2	
1068395	Drill Core	0.049	13	14	0.85	84	0.072	<1	1.12	0.066	0.13	0.5	<0.01	3.6	0.1	0.24	4	<0.5	<0.2	
1068396	Drill Core	0.044	13	9	0.83	131	0.078	1	1.19	0.090	0.15	0.4	<0.01	3.4	<0.1	0.22	4	<0.5	<0.2	
1068397	Drill Core	0.050	13	13	0.86	124	0.082	1	1.07	0.076	0.21	0.3	<0.01	3.9	0.1	0.22	4	<0.5	<0.2	
1068398	Drill Core	0.045	13	9	0.82	110	0.067	1	1.20	0.085	0.20	0.3	<0.01	3.9	0.1	0.28	4	<0.5	<0.2	
1068399	Drill Core	0.049	13	12	0.92	87	0.032	<1	1.18	0.045	0.17	0.2	<0.01	4.2	0.2	0.77	4	<0.5	<0.2	
1068400	Drill Core	0.044	15	8	0.80	106	0.022	1	1.15	0.057	0.18	0.2	<0.01	4.3	0.1	0.52	4	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001784.1

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1068309	Drill Core	5.85	0.006	1.0	9.2	18.5	163	0.2	3.4	8.2	732	2.70	18.4	8.3	13.2	51	1.1	0.8	0.5	49	1.51
REP 1068309	QC			0.9	9.0	17.6	156	0.2	3.5	7.7	693	2.66	17.6	7.5	12.5	49	1.0	0.7	0.4	45	1.38
1068326	Drill Core	6.50	0.028	0.6	20.1	26.5	149	0.3	4.9	11.0	658	2.93	19.0	18.8	9.8	46	1.2	1.4	0.8	42	1.40
REP 1068326	QC			0.5	20.9	27.0	155	0.4	5.2	11.2	675	3.00	19.3	20.4	10.2	47	1.2	1.3	0.8	45	1.44
1068334	Drill Core	6.12	0.018	1.7	8.2	24.2	672	0.2	3.5	6.9	756	2.44	14.8	15.4	9.7	48	8.2	0.7	0.5	49	1.66
REP 1068334	QC			1.8	8.5	25.2	698	0.2	3.7	7.2	773	2.51	15.7	14.7	10.0	50	8.5	0.6	0.5	51	1.69
1068368	Drill Core	5.52	0.014	0.8	14.0	25.5	75	0.2	3.5	7.1	681	2.76	9.3	17.2	9.1	65	0.5	0.6	0.6	55	1.94
REP 1068368	QC			0.8	13.3	25.1	73	0.2	3.5	7.1	664	2.70	8.6	13.6	9.0	65	0.6	0.6	0.6	54	1.89
1068374	Drill Core	6.20	0.006	1.2	95.6	21.3	96	0.5	4.2	9.9	586	3.03	8.9	5.0	11.7	44	0.8	0.3	2.4	65	1.24
REP 1068374	QC		<0.005	1.2	96.9	21.5	95	0.5	4.2	9.9	571	3.01	8.9	4.4	12.1	43	0.9	0.3	2.5	65	1.23
1068388	Drill Core	5.67	0.007	0.4	33.8	24.9	73	0.3	3.3	8.6	807	2.70	9.6	30.5	14.3	56	0.5	4.4	0.1	44	1.72
REP 1068388	QC			0.5	34.0	25.7	75	0.3	3.9	8.9	820	2.75	9.8	18.4	14.2	55	0.4	4.2	1.1	45	1.75
1068398	Drill Core	5.43	1.458	0.5	15.3	22.6	68	0.4	3.7	8.1	523	2.84	68.9	1693	13.9	67	0.6	1.7	0.6	61	1.30
REP 1068398	QC		1.493																		
Core Reject Duplicates																					
1068306	Drill Core	4.43	0.007	1.3	37.8	16.2	171	0.9	4.2	17.2	1058	2.78	28.2	8.1	13.3	18	2.3	0.9	0.5	47	0.40
DUP 1068306	QC		<0.005	1.3	39.6	17.2	182	0.8	4.5	18.2	1106	2.98	30.2	8.7	14.3	20	2.4	0.9	0.5	52	0.43
1068341	Drill Core	4.34	0.006	0.7	7.2	7.8	175	<0.1	3.7	7.6	487	2.44	8.2	1.0	10.7	43	1.7	0.6	0.2	57	1.13
DUP 1068341	QC		<0.005	0.7	6.5	8.2	153	<0.1	3.7	8.5	480	2.45	8.3	2.7	11.5	45	1.4	0.6	0.2	60	1.17
1068376	Drill Core	6.50	<0.005	0.6	10.3	17.3	64	<0.1	4.0	7.2	397	2.55	5.3	2.9	11.9	51	0.3	0.2	0.2	67	1.11
DUP 1068376	QC		<0.005	0.7	11.3	20.2	67	<0.1	3.8	7.3	387	2.63	5.3	7.4	12.5	46	0.2	0.3	0.2	70	1.01
Reference Materials																					
STD DS8	Standard			12.6	113.5	125.6	308	1.8	37.4	7.1	595	2.49	25.2	110.0	6.8	64	2.3	5.4	6.2	42	0.70
STD DS8	Standard			13.6	107.1	127.7	300	1.7	38.3	7.4	579	2.46	24.5	116.3	6.7	61	2.2	5.2	6.5	42	0.72
STD DS8	Standard			13.4	111.6	129.8	317	1.8	38.9	7.8	619	2.53	24.3	116.7	7.7	71	2.3	5.9	7.5	41	0.69
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001784.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																				
1068309	Drill Core	0.048	15	14	0.85	136	0.007	2	1.18	0.045	0.16	<0.1	<0.01	4.3	0.1	0.50	4	<0.5	<0.2	
REP 1068309	QC	0.046	14	14	0.77	131	0.006	2	1.08	0.045	0.15	<0.1	<0.01	4.1	0.1	0.50	4	<0.5	<0.2	
1068326	Drill Core	0.050	16	10	0.92	54	0.004	<1	1.54	0.019	0.19	0.1	0.03	3.8	0.2	0.86	4	<0.5	<0.2	
REP 1068326	QC	0.052	16	9	0.96	55	0.003	<1	1.57	0.019	0.19	0.1	0.03	4.1	0.2	0.90	5	<0.5	<0.2	
1068334	Drill Core	0.051	11	10	0.89	135	0.024	2	1.39	0.063	0.17	<0.1	0.02	4.4	0.1	0.42	4	<0.5	<0.2	
REP 1068334	QC	0.054	11	10	0.92	140	0.025	2	1.42	0.061	0.17	<0.1	0.02	4.6	0.1	0.44	5	<0.5	<0.2	
1068368	Drill Core	0.047	15	14	0.87	88	0.014	<1	1.36	0.061	0.13	<0.1	<0.01	5.2	0.1	0.34	5	<0.5	<0.2	
REP 1068368	QC	0.046	14	14	0.85	84	0.014	<1	1.31	0.059	0.13	<0.1	<0.01	5.2	0.1	0.33	4	<0.5	<0.2	
1068374	Drill Core	0.050	15	16	0.91	67	0.082	2	1.34	0.077	0.17	0.2	<0.01	3.9	<0.1	0.30	5	<0.5	<0.2	
REP 1068374	QC	0.046	13	15	0.91	65	0.071	<1	1.34	0.075	0.17	0.2	<0.01	3.5	<0.1	0.30	5	<0.5	<0.2	
1068388	Drill Core	0.060	29	12	0.54	37	0.003	<1	0.79	0.005	0.16	0.4	0.02	7.2	0.1	0.30	2	<0.5	<0.2	
REP 1068388	QC	0.057	28	12	0.54	37	0.003	<1	0.81	0.005	0.16	0.3	0.03	7.1	0.1	0.30	2	<0.5	<0.2	
1068398	Drill Core	0.045	13	9	0.82	110	0.067	1	1.20	0.085	0.20	0.3	<0.01	3.9	0.1	0.28	4	<0.5	<0.2	
REP 1068398	QC																			
Core Reject Duplicates																				
1068306	Drill Core	0.047	20	12	0.74	39	0.004	<1	1.49	0.014	0.11	0.1	0.10	3.6	<0.1	0.08	5	<0.5	<0.2	
DUP 1068306	QC	0.053	21	13	0.81	42	0.005	<1	1.56	0.015	0.12	<0.1	0.11	3.9	0.1	0.10	5	<0.5	<0.2	
1068341	Drill Core	0.048	15	19	0.83	79	0.064	<1	1.20	0.071	0.12	0.2	<0.01	3.8	<0.1	0.09	4	<0.5	<0.2	
DUP 1068341	QC	0.049	16	20	0.86	86	0.076	<1	1.30	0.081	0.14	0.2	<0.01	4.1	<0.1	0.08	5	<0.5	<0.2	
1068376	Drill Core	0.052	12	16	0.82	307	0.126	1	1.33	0.130	0.19	0.2	<0.01	3.3	<0.1	0.11	5	<0.5	<0.2	
DUP 1068376	QC	0.058	12	16	0.80	400	0.128	<1	1.13	0.087	0.12	0.2	<0.01	2.8	<0.1	0.10	5	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.077	15	115	0.60	272	0.112	3	0.93	0.089	0.42	2.8	0.20	2.0	5.3	0.16	5	5.9	5.0	
STD DS8	Standard	0.083	16	115	0.58	280	0.112	2	0.95	0.094	0.43	3.1	0.21	2.4	5.6	0.16	5	5.1	4.9	
STD DS8	Standard	0.078	14	123	0.62	272	0.111	1	0.92	0.084	0.41	2.8	0.21	1.9	5.6	0.16	4	4.7	4.9	
STD OREAS131B	Standard																			0.022
STD OREAS153A	Standard																			0.710
STD OREAS131B	Standard																			0.022

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001784.1

		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD OREAS153A	Standard																				
STD OXH82	Standard		1.399																		
STD OXH82	Standard		1.257																		
STD OXH82	Standard		1.375																		
STD OXH82	Standard		1.261																		
STD OXK79	Standard		3.831																		
STD OXK79	Standard		3.806																		
STD OXK79	Standard		3.514																		
STD OXK79	Standard		3.790																		
STD OXK79	Standard		3.630																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001784.1

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
STD OREAS153A	Standard																			0.723
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD SU-1B	Standard																			1.111
STD SU-1B	Standard																			1.216
STD OXH82 Expected																				
STD OXK79 Expected																				
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS131B Expected																				0.0216
STD SU-1B Expected																				1.185
STD OREAS153A Expected																				0.712
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001784.1

		WGHT Wgt kg 0.01	G6 Au gm/t 0.005	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	0.9	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	1.3	3.9	3.5	47	<0.1	5.2	4.6	560	2.00	<0.5	3.2	5.2	61	<0.1	<0.1	0.1	36	0.48
G1	Prep Blank		<0.005	1.1	3.7	3.0	43	<0.1	3.4	4.0	522	1.84	<0.5	1.0	5.2	56	<0.1	<0.1	<0.1	34	0.43

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 17, 2011

QUALITY CONTROL REPORT WHI11001784.1

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			<0.001
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			<0.001
Prep Wash																				
G1	Prep Blank	0.076	11	17	0.54	206	0.121	1	1.03	0.111	0.52	0.7	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.072	11	14	0.50	182	0.105	2	0.89	0.080	0.46	0.2	<0.01	1.8	0.3	<0.05	4	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Jay Page
Receiving Lab: Canada-Whitehorse
Received: September 29, 2011
Report Date: November 07, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11001786.2

CLIENT JOB INFORMATION

Project: Etzel Project
Shipment ID: ETZEL11-008
P.O. Number
Number of Samples: 31

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	30	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	31	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	31	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Etzel Project included.

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
Canada

CC: Bernie Dewonek
Peter Dadson
Andrew Wilkins
Gary Schellenberg

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 07, 2011

CERTIFICATE OF ANALYSIS WHI11001786.2

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068501	Rock	1.18	<0.005	0.1	1.9	1.1	10	<0.1	1.6	0.5	162	0.37	<0.5	<0.5	<0.1	33	0.2	0.2	<0.1	<2	15.29
1068502	Drill Core	5.84	0.018	0.4	52.0	20.9	81	0.5	5.1	10.6	412	3.21	20.1	8.9	8.6	30	0.7	0.5	1.6	64	0.97
1068503	Drill Core	6.22	0.031	0.4	162.0	20.6	78	1.3	4.7	8.1	353	3.26	26.5	23.4	9.3	27	0.7	0.4	5.2	57	1.04
1068504	Drill Core	7.97	0.085	0.7	264.7	29.0	72	1.9	4.7	6.5	354	4.97	95.8	62.5	8.5	18	0.8	0.7	7.4	54	0.58
1068505	Drill Core	6.19	0.147	2.1	694.2	43.9	77	3.8	4.0	8.4	166	4.70	132.9	134.6	8.2	12	0.9	0.6	10.8	29	0.48
1068506	Drill Core	6.80	0.077	1.3	244.0	28.6	82	1.6	3.3	6.3	267	3.56	61.1	71.2	8.1	22	1.1	0.6	4.2	47	0.85
1068507	Drill Core	6.29	0.024	1.4	109.2	56.9	108	1.6	7.1	16.2	328	3.30	18.3	19.3	7.7	45	1.2	0.3	6.4	47	1.54
1068508	Drill Core	6.07	0.015	0.5	66.3	31.3	87	0.8	5.3	9.2	306	2.68	19.8	15.4	7.9	35	0.9	0.5	4.0	56	1.20
1068509	Drill Core	6.23	0.009	0.4	51.7	13.3	80	0.4	5.0	9.7	308	2.70	10.7	8.2	6.5	39	0.8	0.5	1.9	57	0.90
1068510	Rock Pulp	0.14	0.390	9.7	131.8	7.4	47	0.2	25.6	34.3	474	3.12	1324	323.2	2.9	79	0.3	1.9	4.4	79	1.36
1068511	Drill Core	5.67	0.037	1.0	128.6	29.8	105	1.7	4.4	8.6	311	2.87	25.8	18.8	7.7	65	1.4	0.4	11.8	59	0.82
1068512	Drill Core	5.16	0.446	1.0	1814	116.4	463	11.2	3.2	5.3	330	2.93	34.7	414.1	7.7	32	9.5	0.9	92.9	53	0.96
1068513	Drill Core	6.62	0.012	0.4	52.7	28.9	270	0.9	4.0	5.5	372	2.52	13.7	4.2	10.0	33	4.5	0.6	5.5	56	1.17
1068514	Drill Core	5.68	0.014	0.4	69.1	23.7	214	0.8	3.7	4.5	368	2.49	26.3	7.2	9.7	37	3.3	1.2	6.1	55	1.55
1068515	Drill Core	6.08	0.018	0.6	69.0	27.7	148	0.9	3.5	4.1	406	2.30	18.8	17.2	9.5	40	2.3	0.5	5.9	52	1.75
1068516	Drill Core	5.33	0.013	0.5	50.8	15.3	65	0.5	3.9	5.5	307	2.09	16.6	13.4	8.9	37	0.7	0.6	3.0	54	1.16
1068517	Drill Core	6.14	0.015	0.5	45.3	12.8	52	0.2	4.4	7.1	310	2.55	17.0	14.0	8.5	32	0.5	0.6	3.3	60	1.03
1068518	Drill Core	4.97	0.010	0.4	52.6	12.5	48	0.3	3.7	6.2	320	2.23	40.3	12.0	9.0	41	0.4	0.7	2.5	58	1.48
1068519	Drill Core	2.18	0.012	0.4	48.4	13.4	48	0.3	3.7	5.6	290	2.22	42.0	9.2	9.4	38	0.4	0.6	2.9	57	1.30
1068520	Drill Core	5.28	0.027	0.4	57.2	18.9	50	0.4	8.6	5.1	361	2.31	30.8	17.7	5.4	71	0.3	0.7	6.2	79	1.93
1068521	Drill Core	5.36	0.029	0.6	78.0	36.3	63	1.0	4.2	6.6	310	2.52	9.7	28.4	8.7	39	0.5	0.6	20.9	57	1.29
1068522	Drill Core	6.68	0.008	0.2	8.5	8.9	42	0.1	4.8	9.4	319	2.61	5.7	6.3	8.5	43	0.3	0.4	1.2	67	1.33
1068523	Drill Core	6.12	0.009	0.5	19.5	12.4	65	0.3	4.3	9.3	399	2.93	11.8	7.9	8.7	51	0.5	0.4	2.7	62	1.68
1068524	Rock	1.44	<0.005	0.2	4.8	1.1	12	<0.1	1.3	0.6	184	0.41	0.8	<0.5	<0.1	39	0.2	0.2	0.1	<2	17.60
1068525	Drill Core	6.95	0.042	1.0	47.7	27.3	72	0.7	4.2	10.0	695	3.11	50.8	39.1	7.7	92	0.5	0.9	3.4	39	3.96
1068526	Drill Core	7.30	0.011	1.9	29.4	11.6	61	0.4	4.0	6.9	375	2.77	12.2	16.6	7.3	53	0.3	0.8	4.3	66	1.45
1068527	Drill Core	2.79	<0.005	0.8	17.0	37.7	70	0.2	5.0	8.1	534	2.50	7.0	3.1	7.0	189	0.6	1.0	1.1	41	3.06
1068528	Drill Core	6.14	0.023	0.2	52.5	31.3	68	0.5	4.0	8.3	484	2.83	88.3	15.4	9.4	139	0.6	0.7	4.4	60	2.46
1068529	Drill Core	5.01	0.079	0.3	15.9	80.5	334	0.6	3.8	7.6	2714	2.81	437.3	64.7	7.7	160	4.6	1.2	1.5	52	5.09
1068530	Drill Core	3.79	0.014	0.2	32.8	14.9	41	0.6	4.3	9.5	503	3.01	16.5	18.8	9.1	168	0.2	0.8	3.6	57	2.36

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 07, 2011

CERTIFICATE OF ANALYSIS WHI11001786.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068501	Rock	0.012	<1	<1	10.09	16	<0.001	1	0.01	0.002	0.01	<0.1	<0.01	0.1	<0.1	0.06	<1	<0.5	<0.2	
1068502	Drill Core	0.055	6	14	1.24	44	0.083	2	1.59	0.055	0.08	0.3	<0.01	2.6	0.1	0.89	6	<0.5	<0.2	
1068503	Drill Core	0.053	7	10	1.17	41	0.066	2	1.56	0.035	0.16	0.5	<0.01	3.2	0.2	1.09	5	<0.5	0.4	
1068504	Drill Core	0.051	7	12	1.30	53	0.061	3	1.80	0.032	0.26	0.9	<0.01	3.4	0.2	2.66	7	<0.5	0.3	
1068505	Drill Core	0.050	6	6	0.67	33	0.029	2	1.04	0.019	0.24	0.6	<0.01	1.9	0.1	3.94	4	0.6	1.1	
1068506	Drill Core	0.056	7	10	1.09	31	0.055	1	1.51	0.051	0.17	0.4	<0.01	2.6	0.1	1.84	5	<0.5	0.2	
1068507	Drill Core	0.048	10	9	1.18	45	0.059	2	1.87	0.124	0.17	0.3	<0.01	3.4	0.2	1.51	6	<0.5	0.3	
1068508	Drill Core	0.050	8	13	1.01	35	0.082	1	1.44	0.077	0.09	0.3	<0.01	2.8	0.1	0.92	5	<0.5	<0.2	
1068509	Drill Core	0.060	7	10	1.06	34	0.116	2	1.53	0.083	0.07	0.3	<0.01	2.5	0.1	0.83	5	<0.5	<0.2	
1068510	Rock Pulp	0.054	7	46	0.74	126	0.127	4	1.69	0.191	0.26	0.4	<0.01	2.7	<0.1	0.13	5	2.4	0.7	
1068511	Drill Core	0.048	6	11	1.17	33	0.073	1	1.46	0.058	0.07	0.3	<0.01	3.1	<0.1	1.19	5	<0.5	0.3	
1068512	Drill Core	0.049	5	12	1.13	28	0.062	2	1.51	0.063	0.09	0.3	0.02	3.0	<0.1	1.18	5	0.6	0.9	0.190
1068513	Drill Core	0.054	9	13	1.17	27	0.082	2	1.46	0.058	0.09	0.3	<0.01	3.9	0.1	0.58	5	<0.5	<0.2	
1068514	Drill Core	0.051	11	11	1.10	20	0.045	1	1.45	0.068	0.10	0.2	<0.01	4.3	0.1	0.58	5	<0.5	<0.2	
1068515	Drill Core	0.054	13	13	1.07	19	0.032	<1	1.42	0.061	0.11	0.1	<0.01	4.3	<0.1	0.54	5	<0.5	<0.2	
1068516	Drill Core	0.052	8	10	1.02	35	0.109	2	1.38	0.076	0.07	0.2	<0.01	3.5	<0.1	0.55	5	<0.5	<0.2	
1068517	Drill Core	0.052	8	14	0.98	45	0.108	1	1.27	0.067	0.09	0.2	<0.01	3.5	<0.1	0.64	5	<0.5	<0.2	
1068518	Drill Core	0.052	10	10	0.94	31	0.103	2	1.30	0.079	0.08	0.2	<0.01	4.2	0.2	0.51	5	<0.5	<0.2	
1068519	Drill Core	0.053	10	12	0.93	34	0.101	1	1.29	0.071	0.08	0.2	<0.01	3.7	0.1	0.55	5	<0.5	<0.2	
1068520	Drill Core	0.089	11	44	1.09	35	0.136	2	1.71	0.161	0.06	0.2	0.02	5.3	<0.1	0.53	6	<0.5	<0.2	
1068521	Drill Core	0.053	10	12	1.09	35	0.076	1	1.44	0.064	0.09	0.2	<0.01	3.0	<0.1	0.63	5	<0.5	0.4	
1068522	Drill Core	0.051	9	11	0.99	73	0.118	2	1.37	0.067	0.10	0.2	<0.01	3.5	<0.1	0.35	5	<0.5	<0.2	
1068523	Drill Core	0.053	11	14	1.09	31	0.060	2	1.50	0.069	0.10	<0.1	<0.01	4.7	<0.1	0.75	5	<0.5	<0.2	
1068524	Rock	0.017	<1	<1	11.33	15	<0.001	<1	0.03	0.003	0.02	<0.1	<0.01	0.2	<0.1	0.07	<1	<0.5	<0.2	
1068525	Drill Core	0.046	13	9	0.81	51	<0.001	2	1.37	0.009	0.20	0.2	<0.01	3.4	0.1	0.86	4	<0.5	<0.2	
1068526	Drill Core	0.050	10	10	1.02	65	0.106	1	1.48	0.079	0.16	0.1	<0.01	3.8	<0.1	0.39	5	<0.5	<0.2	
1068527	Drill Core	0.074	16	9	0.91	56	0.002	<1	1.43	0.012	0.14	0.1	0.04	2.9	<0.1	0.25	4	<0.5	<0.2	
1068528	Drill Core	0.046	13	10	1.09	36	0.013	<1	1.61	0.024	0.15	0.2	<0.01	4.0	<0.1	0.51	5	<0.5	<0.2	
1068529	Drill Core	0.046	12	10	0.96	52	0.016	<1	1.35	0.024	0.14	0.3	0.02	3.4	<0.1	0.66	4	<0.5	0.2	
1068530	Drill Core	0.048	13	11	1.21	31	0.005	1	1.72	0.020	0.12	0.2	0.02	3.9	<0.1	0.73	6	<0.5	0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 07, 2011

CERTIFICATE OF ANALYSIS WHI11001786.2

Method		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1068531	Drill Core	6.06	1.923	0.3	139.9	9.4	40	0.9	4.9	10.7	429	3.49	20.4	2549	9.0	242	0.3	0.8	5.7	54	3.23

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 07, 2011

CERTIFICATE OF ANALYSIS WHI11001786.2

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
1068531 Drill Core	0.051	18	13	1.32	41	0.002	<1	2.03	0.012	0.15	0.3	0.04	4.1	<0.1	1.35	6	<0.5	0.7	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 07, 2011

QUALITY CONTROL REPORT WHI11001786.2

	Method	WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1068507	Drill Core	6.29	0.024	1.4	109.2	56.9	108	1.6	7.1	16.2	328	3.30	18.3	19.3	7.7	45	1.2	0.3	6.4	47	1.54
REP 1068507	QC			1.4	108.3	59.9	111	1.5	7.7	16.8	332	3.34	18.1	30.9	7.8	46	1.3	0.3	6.8	47	1.55
1068523	Drill Core	6.12	0.009	0.5	19.5	12.4	65	0.3	4.3	9.3	399	2.93	11.8	7.9	8.7	51	0.5	0.4	2.7	62	1.68
REP 1068523	QC			0.5	18.9	12.2	65	0.3	4.3	9.4	407	2.94	11.5	12.3	8.7	51	0.4	0.4	2.6	63	1.72
1068527	Drill Core	2.79	<0.005	0.8	17.0	37.7	70	0.2	5.0	8.1	534	2.50	7.0	3.1	7.0	189	0.6	1.0	1.1	41	3.06
REP 1068527	QC		0.006																		
Core Reject Duplicates																					
1068531	Drill Core	6.06	1.923	0.3	139.9	9.4	40	0.9	4.9	10.7	429	3.49	20.4	2549	9.0	242	0.3	0.8	5.7	54	3.23
DUP 1068531	QC		0.830	0.3	145.1	9.8	40	1.2	5.0	11.5	448	3.53	19.7	5904	9.5	247	0.3	0.8	6.5	55	3.40
Reference Materials																					
STD DS8	Standard			13.3	111.0	122.3	306	1.9	37.4	7.5	586	2.47	25.5	108.5	7.0	65	2.4	5.4	6.8	42	0.71
STD OREAS131B	Standard																				
STD OXH82	Standard		1.311																		
STD OXH82	Standard		1.304																		
STD OXH82	Standard		1.309																		
STD OXK79	Standard		3.689																		
STD OXK79	Standard		3.577																		
STD OXK79	Standard		3.706																		
STD SU-1B	Standard																				
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS131B Expected																					
STD SU-1B Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 07, 2011

QUALITY CONTROL REPORT WHI11001786.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																				
1068507	Drill Core	0.048	10	9	1.18	45	0.059	2	1.87	0.124	0.17	0.3	<0.01	3.4	0.2	1.51	6	<0.5	0.3	
REP 1068507	QC	0.049	10	9	1.20	46	0.059	2	1.88	0.124	0.16	0.4	<0.01	3.5	0.1	1.54	6	0.6	0.3	
1068523	Drill Core	0.053	11	14	1.09	31	0.060	2	1.50	0.069	0.10	<0.1	<0.01	4.7	<0.1	0.75	5	<0.5	<0.2	
REP 1068523	QC	0.053	11	13	1.13	31	0.057	1	1.54	0.070	0.10	0.1	<0.01	4.6	<0.1	0.76	5	<0.5	<0.2	
1068527	Drill Core	0.074	16	9	0.91	56	0.002	<1	1.43	0.012	0.14	0.1	0.04	2.9	<0.1	0.25	4	<0.5	<0.2	
REP 1068527	QC																			
Core Reject Duplicates																				
1068531	Drill Core	0.051	18	13	1.32	41	0.002	<1	2.03	0.012	0.15	0.3	0.04	4.1	<0.1	1.35	6	<0.5	0.7	
DUP 1068531	QC	0.048	20	13	1.35	45	0.002	<1	2.07	0.012	0.15	0.3	0.04	4.2	0.1	1.37	6	0.7	0.8	
Reference Materials																				
STD DS8	Standard	0.079	15	115	0.60	276	0.122	3	0.91	0.086	0.41	3.0	0.20	2.3	5.3	0.16	5	6.0	5.2	
STD OREAS131B	Standard																			0.021
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD SU-1B	Standard																			1.159
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OXH82 Expected																				
STD OXK79 Expected																				
STD OREAS131B Expected																				0.0216
STD SU-1B Expected																				1.185
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 07, 2011

QUALITY CONTROL REPORT WHI11001786.2

		WGHT	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.2	2.9	3.9	45	<0.1	2.6	4.3	533	1.96	0.6	1.7	6.4	54	0.3	0.4	0.3	38	0.49
G1	Prep Blank		<0.005	0.1	2.9	3.5	47	<0.1	3.2	4.4	551	2.03	<0.5	1.3	6.7	58	0.2	0.2	0.2	40	0.49

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: November 07, 2011

QUALITY CONTROL REPORT WHI11001786.2

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7TD Cu % 0.001
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			<0.001
Prep Wash																				
G1	Prep Blank	0.083	14	5	0.50	175	0.121	2	0.90	0.083	0.48	<0.1	<0.01	2.0	0.3	<0.05	4	<0.5	<0.2	
G1	Prep Blank	0.082	13	7	0.53	177	0.129	2	0.92	0.084	0.50	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

APPENDIX 7

Soil Sample Sheets

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
ER, DS	29-Sep-11	1	1	523701	384546	6889670	1287	S	Semi-Sat	tn/gry	cly/Slt/Snd	50	B	12	14	
ER, DS	29-Sep-11	1	2	523702	384543	6889661	1287	S	SS	tn/gry	CSS	57	B	8	15	
ER, DS	29-Sep-11	1	3	523703	384523	6889644	1286	S	Sat	gry	CSS	61	B	10	12	
ER, DS	29-Sep-11	1	4	523704	384504	6889627	1286	S	SS	gry/brn	CSS	58	B	8	10	
ER, DS	29-Sep-11	1	5	523705	384485	6889608	1285	S	SS	brn/tan	CSS	62	B	10	12	
ER, DS	29-Sep-11	1	6	523706	384467	6889591	1283	S	SS	tn/brn	CSS	60	B	4	20	
ER, DS	29-Sep-11	1	7	523707	384455	6889578	1282	S	Sat	brn	CSS	53	B	12	15	
ER, DS	29-Sep-11	1	8	523708	384431	6889569	1282	S	Sat	brn	CSS	85	B	25	tr	Sample moved see new UTMS at left
ER, DS	29-Sep-11	1	9	523709	384403	6889532	1278	S	Sat	grn/gry	CSS	56	B	13	15	Sample moved because of culvert road, etc. And it may still be a disturbed sample despite the distance.
ER, DS	29-Sep-11	1	10	523710	384393	6889527	1279	S	Sat	gry	CSS	48	B	10	7	
ER, DS	29-Sep-11	1	12	523712	384355	6889491	1281	S	Sat	brn	CSS	65	B	15	5	Possible ash contamination, unavoidable
ER, DS	29-Sep-11	1	13	523713	384336	6889478	1284	S	Sat	brn	CSS	45	B	10	5	Possible ash contamination, unavoidable
ER, DS	29-Sep-11	1	14	523714	384318	6889459	1285	S	Semi-Sat	gry/brn	CSS	46	B	22	10	
ER, DS	29-Sep-11	1	15	523715	384301	6889442	1287	S	Sat	brn	CSS	63	B	20	18	
ER, DS	29-Sep-11	1	16	523716	384281	6889428	1288	S	Sat	brn	CSS	52	B	20	10	
ER, DS	29-Sep-11	1	17	523717	384264	6889410	1288	S	Sat	gry/tan	CSS	80	B	20	tr	
ER, DS	29-Sep-11	1	18	523718	384244	6889393	1289	S	Moist	tn/gry	CSS	57	B	20	5	
ER, DS	29-Sep-11	1	19	523719	384227	6889368	1292	S	Moist	gry	CSS	62	B	tr	5	Possible ash contamination, unavoidable
ER, DS	29-Sep-11	1	20	523720	384206	6889355	1294	S	Sat	org/tn	CSS	65	B	3	15	
ER, DS	29-Sep-11	1	21	523721	384189	6889343	1296	S	Sat	org/tn	CSS	65	B	5	20	
ER, DS	29-Sep-11	1	22	523722	384169	6889328	1296	S	Sat	brn/tan	CSS	40	B	10	12	
ER, DS	29-Sep-11	1	23	523723	384150	6889309	1299	S	Semi-Sat	org/tn	CSS	48	B	tr	15	
ER, DS	29-Sep-11	1	24	523724	384131	6889293	1300	S	Semi-Sat	org/tn/brn	CSS	60	B	tr	22	Permafrost
ER, DS	29-Sep-11	1	25	523725	384113	6889277	1300	S	Moist	org/tn	CSS	45	B	4	10	
ER, DS	29-Sep-11	1	26	523727	384096	6889264	1301	S	Damp	tn/brn	CSS	41	B	3	17	
ER, DS	29-Sep-11	1	27	523728	384074	6889245	1301	S	Damp	gry/tn	CSS	42	B	7	8	
ER, DS	29-Sep-11	1	28	523729	384060	6889224	1300	S	Moist	org/tn	CSS	39	B	tr	30	
ER, DS	29-Sep-11	1	29	523730	384038	6889208	1299	S	Semi-Sat	tn/brn	CSS	40	B	10	tr	
ER, DS	29-Sep-11	1	30	523731	384025	6889194	1298	S	Moist	tn/brn	CSS	45	B	3	4	
ER, DS	29-Sep-11	1	31	523732	383997	6889175	1298	S	Moist	tn/brn	CSS	65	B	3	7	Possible interference due to man made ditch? Possibly disturbed soil.
ER, DS	29-Sep-11	1	32	523733	383983	6889158	1297	S	Moist	tn/brn	CSS	48	B	4	4	Sample moved due to road
ER	30-Sep-11	3	76	523779	384625	6889189	1290	S	M	BRN	CSS	23	B	2	18	Sample moved due to road, and still possibly taken at historic road site
ER	30-Sep-11	3	77	523780	384616	6889191	1291	S	M	BRN	CSS	45	B	2	15	
ER	30-Sep-11	3	79	523782	384580	6889156	1287	S	M	gry/tan	CSS	47	B	tr	tr	
ER	30-Sep-11	3	80	523783	384563	6889141	1283	S	M	tan/brn	CSS	40	B	10	tr	
ER	30-Sep-11	3	81	523784	384543	6889123	1278	S	M	tan/brn	CSS	55	B	10	tr	Some sand, possibly ash
ER	30-Sep-11	3	82	523785	384524	6889107	1277	S	M	tan/brn	CSS	43	B	tr	8	

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
ER	30-Sep-11	3	83	523786	384506	6889091	1274	S	M	tan/brn	CSS	60	B	10	20	
ER	30-Sep-11	3	84	523787	384486	6889075	1272	S	Sat	brn	CSS	69	B	6	tr	
ER	30-Sep-11	3	85	523788	384469	6889057	1268	S	Semi-Sat	tan/brn	CSS	65	B	4	tr	Soil collumn was lacking identifiable ash layer
ER	30-Sep-11	3	86	523789	384450	6889041	1268	S	Sat	gry/brn	CSS	63	B	7	5	Soil collumn was lacking identifiable ash layer
ER	30-Sep-11	3	87	523790	384431	6889024	1265	S	Semi-Sat	gry/brn	CSS	60	B	8	4	Soil collumn was lacking identifiable ash layer
ER	30-Sep-11	3	88	523791	384412	6889007	1262	S	M	brn	CSS	60	B	5	3	
ER	30-Sep-11	3	89	523792	384393	6888991	1256	S	M	brn	CSS	61	B	4	17	
ER	30-Sep-11	3	90	523793	384376	6888973	1254	S	M	tan/brn	CSS	52	B	7	10	
ER	30-Sep-11	3	91	523794	384356	6888958	1259	S	Sat	brn	CSS	71	B	12	15	
ER	1-Oct-11	3	92	523795	384338	6888940	1258	S	Semi-Sat	tan/gry	CSS	40	B	5	8	
ER	1-Oct-11	3	93	523796	384318	6888924	1256	S	Semi-Sat	gry/tan	CSS	68	B	3	5	
ER	1-Oct-11	3	94	523797	384300	6888907	1254	S	sat	brn/gry	CSS	60	B	3	3	
ER	1-Oct-11	3	95	523798	384284	6888890	1253	S	Semi-Sat	brn	CSS	57	B	10	7	
ER	1-Oct-11	3	96	523799	384264	6888874	1253	S	sat	brn	CSS	67	B	8	5	
ER	1-Oct-11	3	99	523802	384207	6888825	1253	S	sat	brn/gry	CSS	60	B	8	tr	
ER	1-Oct-11	3	100	523803	384187	6888808	1251	S	m	tan/rd/brn	CSS	58	B	6	10	
ER	1-Oct-11	3	DUP	523804	384189	6888809	1250	S	m	tan/rd/brn	CSS	58	B	6	10	
ER	1-Oct-11	3	101	523805	384170	6888791	1251	S	m	tan/brn	CSS	58	B	2	7	
ER	1-Oct-11	3	102	523806	384151	6888772	1254	S	sat	gry/brn	CSS	73	B	3	8	
ER	1-Oct-11	3	103	523807	384133	6888757	1254	S	sat	gry/brn	CSS	61	B	2	tr	
ER	1-Oct-11	3	104	523808	384114	6888740	1256	S	sat	gry/brn	CSS	60	B	5	tr	
ER	1-Oct-11	3	106	523810	384077	6888706	1253	S	m	gry/brn	CSS	47	B	12	tr	
ER	1-Oct-11	3	107	523811	384057	6888693	1254	S	m	brn/gry	CSS	58	B	6	15	
ER	1-Oct-11	3	108	523812	384037	6888673	1254	S	Semi-Sat	gry/tan	CSS	61	B	5	10	
ER	1-Oct-11	3	109	523813	384021	6888657	1255	S	m	gry/tan	CSS	57	B	4	20	
ER	1-Oct-11	3	110	523814	384002	6888641	1252	S	Semi-Sat	tan/gry/brn	CSS	77	B	12	9	
ER	1-Oct-11	3	111	523815	383983	6888622	1255	S	m	dk brn	CSS	65	B	15	tr	
ER	1-Oct-11	3	112	523816	383966	6888607	1258	S	m	dk brn	CSS	63	B	10	tr	
ER	1-Oct-11	3	113	523817	383946	6888590	1252	S	Semi-Sat	gry/brn	CSS	55	B	20	tr	
ER	1-Oct-11	3	114	523818	383928	6888574	1254	S	Semi-Sat	gry/brn	CSS	65	B	10	11	
ER	1-Oct-11	3	115	523819	383909	6888556	1251	S	m	gry/tan	CSS	73	B	7	10	
ER	1-Oct-11	3	116	523820	383891	6888541	1250	S	sat	tan/gry	CSS	65	B	5	15	
ER	1-Oct-11	3	117	523821	383872	6888524	1249	S	m	gry	CSS	57	B	6	5	
ER	1-Oct-11	3	118	523822	383853	6888507	1248	S	m	gry/brn	CSS	45	B	5	1	
ER	1-Oct-11	3	119	523823	383835	6888491	1251	S	m	gry/brn	CSS	56	B	10	tr	
ER	1-Oct-11	3	120	523824	383818	6888473	1251	S	m	gry/brn	CSS	61	B	12	15	
MD/ER	2-Oct-11	5	170	523876	384709	6888729	1282	S	M	brn	CSS	60	B	25	12	

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
MD/ER	2-Oct-11	5	171	523877	384680	6888714	1278	S	M	brn	CSS	59	B	20	tr	Soil sample matches historic soil sample location. Metal tag reads "T2 B2132 5 Datalog"
MD/ER	2-Oct-11	5	172	523878	384664	6888698	1275	S	M	tan	CSS	55	B	7	13	
MD/ER	2-Oct-11	5	173	523879	384645	6888690	1270	S	M	tan	CSS	64	B	5	13	Sample moved because of road. Also again coinciding with historic soil line WP called "Old Flgn 0031011"
MD/ER	2-Oct-11	5	174	523880	384627	6888664	1267	S	M	red/brn	CSS	67	B	10	12	
MD/ER	2-Oct-11	5	175	523881	384608	6888649	1270	S	M	dk brn	CSS	60	B	23	tr	
MD/ER	2-Oct-11	5	DUP	523882	384609	6888646	1271	S	M	dk brn	CSS	60	B	23	tr	
MD/ER	2-Oct-11	5	176	523883	384589	6888630	1266	S	M	tan/brn	CSS	57	B	15	tr	
MD/ER	2-Oct-11	5	177	523884	384570	6888615	1256	S	M	tan	CSS	68	B	15	10	
MD/ER	2-Oct-11	5	178	523885	384552	6888598	1252	S	M	gry/tan	Sandyclyslt	57	B	8	14	
MD/ER	2-Oct-11	5	179	523886	384533	6888582	1248	S	M	org/tan	CSS	56	B	5	25	
MD/ER	2-Oct-11	5	180	523887	384514	6888567	1247	S	M	tan/brn	CSS	60	B	15	tr	
MD/ER	2-Oct-11	5	181	523888	384496	6888548	1244	S	Sat	tan/gry	CSS	60	B	12	10	
MD/ER	2-Oct-11	5	182	523889	384477	6888531	1240	S	M	tan/brn	CSS	53	B	20	3	
MD/ER	2-Oct-11	5	183	523890	384450	6888514	1236	S	M	gry/tan	CSS	63	B	12	10	
MD/ER	2-Oct-11	5	184	523891	384439	6888498	1235	S	M	gry/tan	CSS	61	B	8	30	
MD/ER	2-Oct-11	5	185	523892	384421	6888483	1233	S	M	dk brn	CSS	64	B	10	tr	
MD/ER	2-Oct-11	5	186	523893	384402	6888465	1229	S	M	gry/org/tan	CSS	57	B	7	20	
MD/ER	2-Oct-11	5	187	523894	384384	6888448	1229	S	M	red/tan	CSS	67	B	5	7	
MD/ER	2-Oct-11	5	188	523895	384365	6888432	1229	S	Sat	red/brn	CSS	65	B	7	tr	
MD/ER	2-Oct-11	5	189	523896	384346	6888415	1229	S	Sat	brn/red	CSS	57	B	15	tr	
MD/ER	2-Oct-11	5	190	523897	384323	6888393	1222	S	Sat	tan/brn	CSS	57	B	20	tr	
MD/ER	2-Oct-11	5	191	523898	384304	6888377	1220	S	Sat	brn	Clay	60	B	23	tr	
MD/ER	2-Oct-11	5	192	523899	384285	6888360	1219	S	Sat	gry	Clay	60	B	18	tr	
MD/ER	2-Oct-11	5	193	523900	384267	6888343	1217	S	Sat	gry/brn	CSS	69	B	8	tr	Flood/Wash zone with no ash layer.
MD/ER	2-Oct-11	5	194	523901	384248	6888326	1221	S	M	gry	CSS	65	B	10	11	Flood/Wash zone with no ash layer.
MD/ER	2-Oct-11	5	195	523902	384230	6888310	1224	S	M	gry	CSS	63	B	15	3	Flood/Wash zone with no ash layer.
MD/ER	2-Oct-11	5	196	523903	384211	6888293	1216	S	Sat	ylw/tan	CSS	60	B	2	30	Flood/Wash zone with no ash layer.
MD/ER	2-Oct-11	5	197	523904	384192	6888277	1217	S	M	tan	CSS	58	B	4	28	
MD/ER	2-Oct-11	5	198	523905	384174	6888260	1211	S	dry	tan/brn	CSS	57	B	3	23	
MD/ER	2-Oct-11	5	199	523906	384155	6888244	1213	S	m	gry/brn	CSS	57	B	7	18	
MD/ER	2-Oct-11	5	200	523907	384132	6888231	1215	S	m	brn	CSS	62	B	20	5	
MD/ER	2-Oct-11	5	DUP	523908	384136	6888226	1210	S	m	brn	CSS	62	B	20	5	
MD/ER	2-Oct-11	5	201	523909	384118	6888210	1211	S	m	brn\tan	CSS	50	B	8	12	
MD/ER	2-Oct-11	5	202	523910	384099	6888193	1212	S	m	org/tan	CSS	52	B	3	20	
MD/ER	2-Oct-11	5	203	523911	384081	6888176	1210	S	m	brn	CSS	60	B	15	tr	
MD/ER	2-Oct-11	5	204	523912	384062	6888161	1213	S	m	tan	CSS	60	B	5	10	
MD/ER	2-Oct-11	5	205	523913	384043	6888143	1213	S	dry	brn	CSS	58	B	3	9	

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
MD/ER	2-Oct-11	5	206	523914	384024	6888125	1214	S	dry	gry/tan	CSS	59	B	10	8	
MD/ER	2-Oct-11	5	207	523915	384006	6888111	1214	S	dry	gry/tan	CSS	63	B	7	8	
MD/ER	2-Oct-11	5	208	523916	383989	6888092	1213	S	dry	org/tan	CSS	50	B	2	5	
MD/ER	2-Oct-11	5	209	523917	383969	6888076	1215	S	dry	tan/brn	CSS	57	B	5	20	
MD/ER	2-Oct-11	5	210	523918	383950	6888059	1216	S	m	gry/tan/brn	CSS	62	B	10	12	
MD/ER	2-Oct-11	5	211	523919	383932	6888043	1215	S	sat	org/tan	CSS	64	B	7	5	
MD/ER	2-Oct-11	5	212	523920	383915	6888027	1215	S	sat	org/tan	CSS	63	B	3	35	
MD/ER	2-Oct-11	5	213	523921	383897	6888010	1215	S	m	gry/brn	CSS	59	B	10	8	
MD/ER	2-Oct-11	5	214	523922	383876	6887994	1215	S	m	gry/brn	CSS	56	B	15	tr	
MD/ER	2-Oct-11	5	215	523923	383858	6887976	1214	S	semi sat	gry/tan	CSS	60	B	7	12	
MD/ER	2-Oct-11	5	216	523924	383838	6887959	1214	S	sat	brn	CSS	58	B	8	tr	slightly ash contaminated
MD/ER	2-Oct-11	5	217	523925	383818	6887942	1215	S	m	brn/gry	CSS	65	B	20	tr	
MD/ER	2-Oct-11	5	218	523926	383802	6887928	1215	S	semi sat	brn	CSS	66	B	5	tr	excavator action evident in area however soil horizons appear undisturbed.
MD/ER	2-Oct-11	5	219	523927	383782	6887909	1214	S	m	dk brn	CSS	60	B	20	tr	
MD/ER	2-Oct-11	5	220	523928	383764	6887892	1214	S	m	tan/brn	CSS	73	B	10	tr	
DS/MZ	2-Oct-11	2	33	523734	384615	6889450	1300	S	M/D	Tan/Brown	S/C	45	B	6	6	Adj. To Road
DS/MZ	2-Oct-11	2	34	523735	384595	6889436	1299	S	M/D	Tan	S/C	40	B	4	8	
DS/MZ	2-Oct-11	2	35	523736	384577	6889419	1296	S	M/D	Tan	S/C	45	B	2	6	
DS/MZ	2-Oct-11	2	36	523737	384561	6889404	1295	S	M/D	Tan	S/C	40	B	3	3	
DS/MZ	2-Oct-11	2	37	523738	384542	6889383	1291	S	M/D	Tan	S/C	50	B	4	4	
DS/MZ	2-Oct-11	2	38	523739	384525	6889367	1288	S	M/D	Tan	S/C	45	B	3	4	
DS/MZ	2-Oct-11	2	39	523740	384505	6889351	1284	S	M/D	Tan	S/C	42	B	4	5	
DS/MZ	2-Oct-11	2	40	523741	384486	6889335	1283	S	M	Tan/Brown	S/C	52	B	8	6	
DS/MZ	2-Oct-11	2	41	523742	384469	6889316	1282	S	Sat	Tan/Brown	S/C	60	B	4	9	
DS/MZ	2-Oct-11	2	42	523743	384450	6889301	1281	S	Sat	Tan/Brown	S/C	58	B	2	7	
DS/MZ	2-Oct-11	2	43	523744	384433	6889284	1277	S	Sat	Tan/Brown	S/C	55	B	6	3	Creek Bed
DS/MZ	2-Oct-11	2	44	523745	384413	6889267	1275	S	Sat	Tan/Brown	S/C	62	B	12	4	Creek Bed
DS/MZ	2-Oct-11	2	45	523746	384395	6889250	1275	S	M/D	Tan	S/C	53	B	4	5	
DS/MZ	2-Oct-11	2	46	523747	384375	6889234	1279	S	M/D	Tan/Brown	S/C	64	B	4	7	
DS/MZ	2-Oct-11	2	47	523748	384357	6889216	1277	S	M/D	Brown	S/C	45	B	5	8	
DS/MZ	2-Oct-11	2	48	523749	384337	6889201	1276	S	M/D	Brown	S/C	52	B	6	9	
DS/MZ	2-Oct-11	2	49	523750	384319	6889184	1276	S	D	Tan	S/C	58	B	2	6	
DS/MZ	2-Oct-11	2	50	523751	384301	6889165	1275	S	D	Tan	S/C	60	B	4	5	
DS/MZ	2-Oct-11	2	50	523752	384300	6889165	1276	S	D	Tan	S/C	60	B	4	5	
DS/MZ	2-Oct-11	2	51	523753	384283	6889149	1274	S	M/D	Tan	S/C	40	B	6	8	
DS/MZ	2-Oct-11	2	52	523754	384262	6889133	1275	S	M/D	Tan	S/C	40	B	5	5	
DS/MZ	2-Oct-11	2	53	523755	384246	6889117	1273	S	M/D	Tan/Brown	S/C	48	B	4	6	

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
DS/MZ	2-Oct-11	2	54	523756	384227	6889099	1270	S	M/D	Tan/Brown	S/C	40	B	6	5	
DS/MZ	2-Oct-11	2	55	523757	384208	6889083	1271	S	M	Tan/Brown	S/C	46	B	3	4	
DS/MZ	2-Oct-11	2	56	523758	384190	6889065	1274	S	M	Tan/Brown	S/C	52	B	6	3	
DS/MZ	2-Oct-11	2	57	523759	384170	6889048	1277	S	M	Grey/Brown	S/C	48	B	7	2	
DS/MZ	2-Oct-11	2	58	523760	384153	6889032	1274	S	M	Brown	S/C	53	B	8	3	
DS/MZ	2-Oct-11	2	59	523761	384134	6889014	1277	S	M	Tan/Brown	S/C	50	B	5	8	
DS/MZ	2-Oct-11	2	60	523762	384115	6888998	1278	S	Semi-Sat	Tan/Brown	S/C	58	B	3	12	
DS/MZ	2-Oct-11	2	61	523763	384097	6888981	1277	S	Semi-Sat	Tan/Brown	S/C	62	B	4	11	
DS/MZ	2-Oct-11	2	62	523764	384078	6888966	1275	S	Sat	Tan/Brown	S/C	58	B	12	9	Perma
DS/MZ	2-Oct-11	2	63	523765	384061	6888948	1276	S	Semi-Sat	Tan/Brown	S/C	48	B	15	5	Perma
DS/MZ	2-Oct-11	2	64	523766	384040	6888932	1275	S	Sat	Tan/Brown	S/C	50	B	10	4	Perma
DS/MZ	2-Oct-11	2	65	523767	384024	6888916	1273	S	Sat	Tan	S/C	62	B	8	6	Perma
DS/MZ	2-Oct-11	2	66	523768	384005	6888897	1272	S	Semi-Sat	Tan	S/C	50	B	7	12	
DS/MZ	2-Oct-11	2	67	523769	383987	6888881	1271	S	M	Grey/Brown	S/C	40	B	8	5	Perma
DS/MZ	2-Oct-11	2	68	523770	383967	6888864	1273	S	M	Tan	S/C	45	B	3	5	
DS/MZ	2-Oct-11	2	69	523771	383949	6888848	1274	S	M	Tan	S/C	50	B	3	3	
DS/MZ	2-Oct-11	2	70	523772	383932	6888830	1274	S	M	Tan/Brown	S/C	50	B	5	4	
DS/MZ	2-Oct-11	2	71	523773	383912	6888814	1275	S	M	Tan	S/C	45	B	4	8	
DS/MZ	2-Oct-11	2	72	523774	383895	6888795	1273	S	M	Tan/Brown	S/C	50	B	3	5	
DS/MZ	2-Oct-11	2	73	523775	383876	6888780	1276	S	M	Brown	S/C	40	B	5	5	
DS/MZ	2-Oct-11	2	74	523776	383856	6888762	1279	S	M	Tan/Brown	S/C	45	B	3	6	
DS/MZ	2-Oct-11	2	75	523777	383838	6888746	1278	S	M	Brown	S/C	60	B	5	8	
DS/MZ	2-Oct-11	2	75	523778	383839	6888748	1278	S	M	Brown	S/C	60	B	5	8	
DS/MZ	2-Oct-11	4	121	523825	384706	6889001	1288	S	M	Tan	S/C	60	B	1	5	Adj. To Road
DS/MZ	2-Oct-11	4	122	523826	384688	6888986	1286	S	M	Brown	S/C	80	B	2	1	Adj. To Road
DS/MZ	2-Oct-11	4	123	523827	384670	6888968	1285	S	M	Tan/Brown	S/C	55	B	2	1	
DS/MZ	2-Oct-11	4	124	523828	384651	6888950	1280	S	M	Tan/Brown	S/C	65	B	1	3	
DS/MZ	2-Oct-11	4	125	523829	384631	6888937	1273	S	M	Tan	S/C	65	B	4	2	
DS/MZ	2-Oct-11	4	125	523830	384632	6888934	1273	S	M/D	Tan	S/C	65	B	4	2	
DS/MZ	2-Oct-11	4	126	523831	384614	6888919	1272	S	M/D	Tan	S/C	55	B	3	4	
DS/MZ	2-Oct-11	4	127	523832	384594	6888901	1270	S	M/D	Tan	S/C	60	B	1	4	Adj. Old road
DS/MZ	2-Oct-11	4	128	523833	384577	6888883	1266	S	Dry	Tan	S/C	60	B	2	2	
DS/MZ	2-Oct-11	4	129	523834	384556	6888869	1264	S	M	Tan	S/C	95	B	1	4	
DS/MZ	2-Oct-11	4	130	523835	384538	6888851	1264	S	M	Light Brown	S/C	65	B	4	2	
DS/MZ	2-Oct-11	4	131	523836	384521	6888833	1260	S	M	Tan/Brown	S/C	65	B	3	2	
DS/MZ	2-Oct-11	4	132	523837	384501	6888818	1258	S	M	Tan	S/C	55	B	3	5	
DS/MZ	2-Oct-11	4	133	523838	384484	6888800	1255	S	M	Tan/Brown	S/C	60	B	3	4	

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
DS/MZ	2-Oct-11	4	134	523839	384465	6888784	1253	S	M	Tan/Brown	S/C	65	B	2	3	
DS/MZ	2-Oct-11	4	135	523840	384446	6888771	1254	S	Semi-Sat	Tan/Brown	S/C	60	B	3	2	
DS/MZ	2-Oct-11	4	136	523841	384429	6888751	1251	S	Semi-Sat	Tan	S/C	50	B	4	5	
DS/MZ	2-Oct-11	4	137	523842	384407	6888733	1246	S	M	D. Brown	S/C	40	B	4	3	
DS/MZ	2-Oct-11	4	138	523843	384391	6888716	1246	S	M	Tan	S/C	60	B	3	2	
DS/MZ	2-Oct-11	4	139	523844	384370	6888699	1243	S	M	Tan	S/C	50	B	3	2	
DS/MZ	2-Oct-11	4	140	523845	384353	6888686	1240	S	M	Tan	S/C	50	B	3	3	
DS/MZ	2-Oct-11	4	141	523846	384336	6888666	1238	S	M	Tan	S/C	40	B	2	8	Adj trench
DS/MZ	2-Oct-11	4	142	523847	384315	6888648	1237	S	M	Light Brown	S/C	40	B	4	7	Trench
DS/MZ	2-Oct-11	4	143	523848	384297	6888633	1234	S	M	Tan	S/C	40	B	1	1	
DS/MZ	2-Oct-11	4	144	523849	384279	6888617	1232	S	M	Tan	S/C	45	B	3	8	
DS/MZ	2-Oct-11	4	145	523850	384260	6888600	1232	S	Sat	Tan	S/C	45	B	8	2	Adj Creek
DS/MZ	2-Oct-11	4	146	523851	384238	6888583	1229	S	Sat	Brown	S/C	65	B	6	3	
DS/MZ	2-Oct-11	4	147	523852	384221	6888567	1231	S	Sat	Brown	S/C	50	B	4	4	
DS/MZ	2-Oct-11	4	148	523853	384205	6888549	1235	S	Semi-Sat	Light Brown	S/C	50	B	2	7	Perma
DS/MZ	2-Oct-11	4	149	523854	384186	6888534	1234	S	M	Tan	S/C	90	B	2	3	
DS/MZ	2-Oct-11	4	150	523855	384166	6888512	1231	S	Semi-Sat	Tan	S/C	50	B	2	6	
DS/MZ	2-Oct-11	4	150	523856	384167	6888516	1237	S	Semi-Sat	Tan	S/C	50	B	2	6	
DS/MZ	2-Oct-11	4	151	523857	384149	6888498	1237	S	Sat	Brown/Tan	S/C	60	B	3	2	
DS/MZ	2-Oct-11	4	152	523858	384130	6888483	1239	S	M	Tan	S/C	60	B	2	8	
DS/MZ	2-Oct-11	4	153	523859	384111	6888467	1239	S	M	Light Brown	S/C	50	B	5	4	Perma
DS/MZ	2-Oct-11	4	154	523860	384092	6888449	1238	S	M	Brown/Tan	S/C	45	B	3	6	
DS/MZ	2-Oct-11	4	155	523861	384073	6888432	1229	S	M	Tan	S/C	45	B	3	6	
DS/MZ	2-Oct-11	4	156	523862	384055	6888417	1229	S	M	Tan	S/C	40	B	3	6	
DS/MZ	2-Oct-11	4	157	523863	384037	6888401	1229	S	M	Tan	S/C	40	B	4	7	
DS/MZ	2-Oct-11	4	158	523864	384019	6888384	1227	S	M	Tan	S/C	45	B	2	5	
DS/MZ	2-Oct-11	4	159	523865	384000	6888369	1229	S	M	Tan/Brown	S/C	40	B	3	9	
DS/MZ	2-Oct-11	4	160	523866	383981	6888350	1228	S	M	Tan/Brown	S/C	40	B	4	6	
DS/MZ	2-Oct-11	4	161	523867	383963	6888333	1230	S	M	Tan/Brown	S/C	45	B	3	5	
DS/MZ	2-Oct-11	4	162	523868	383946	6888316	1230	S	M	Tan/Brown	S/C	30	B	3	5	
DS/MZ	2-Oct-11	4	163	523869	383925	6888301	1233	S	M	Grey/Brown	S/C	40	B	5	7	
DS/MZ	2-Oct-11	4	164	523870	383908	6888283	1232	S	M/D	Tan/Brown	S/C	40	B	3	5	
DS/MZ	2-Oct-11	4	165	523871	383888	6888267	1233	S	M	Tan/Brown	S/C	30	B	3	6	
DS/MZ	2-Oct-11	4	166	523872	383870	6888250	1231	S	M	Brown	S/C	50	B	3	3	
DS/MZ	2-Oct-11	4	167	523873	383852	6888235	1231	S	M	Tan/Brown	S/C	50	B	3	3	
DS/MZ	2-Oct-11	4	168	523874	383833	6888217	1232	S	M	Brown	S/C	55	B	4	5	
DS/MZ	2-Oct-11	4	169	523875	383814	6888200	1231	S	M	Grey/Brown	S/C	60	B	5	7	

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
DS/MZ	3-Oct-11	6	221	523929	384772	6888529	1292	S	M	Tan	S/C	50	B	4	8	Adj. To Road
DS/MZ	3-Oct-11	6	222	523930	384754	6888510	1290	S	M	Tan	S/C	55	B	3	6	Adj. To Trench
DS/MZ	3-Oct-11	6	223	523931	384734	6888494	1286	S	M	Tan	S/C	80	B	4	8	
DS/MZ	3-Oct-11	6	224	523932	384717	6888476	1283	S	M	Tan	S/C	50	B	3	6	Cat Tracks
DS/MZ	3-Oct-11	6	225	523933	384698	6888460	1277	S	M	Tan/Brown	S/C	80	B	6	4	Adj. To Trench
DS/MZ	3-Oct-11	6	226	523935	384678	6888443	1278	S	M	Tan/Grey	S/C	60	B	3	7	
DS/MZ	3-Oct-11	6	227	523936	384660	6888428	1274	S	M	Tan/Grey	S/C	65	B	3	4	Perma
DS/MZ	3-Oct-11	6	228	523937	384642	6888411	1270	S	M	Tan/Brown	S/C	75	B	3	6	
DS/MZ	3-Oct-11	6	229	523938	384623	6888394	1264	S	M	Tan	S/C	60	B	3	3	
DS/MZ	3-Oct-11	6	230	523939	384606	6888377	1260	S	M	Brown	S/C	45	B	4	2	Perma
DS/MZ	3-Oct-11	6	231	523940	384585	6888361	1257	S	M	Tan/Brown	S/C	60	B	5	6	Perma
DS/MZ	3-Oct-11	6	232	523941	384568	6888344	1254	S	M	Tan/Brown	S/C	50	B	7	4	Perma
DS/MZ	3-Oct-11	6	233	523942	384548	6888328	1251	S	M	Tan/Brown	S/C	50	B	3	6	
DS/MZ	3-Oct-11	6	234	523943	384530	6888311	1246	S	M	Grey/Brown	S/C	65	B	5	4	Perma
DS/MZ	3-Oct-11	6	235	523944	384511	6888294	1242	S	M	Tan	S/C	60	B	4	5	
DS/MZ	3-Oct-11	6	236	523945	384491	6888278	1237	S	M/D	Tan	S/C	60	B	3	10	
DS/MZ	3-Oct-11	6	237	523946	384474	6888262	1233	S	M	Tan/Brown	S/C	50	B	3	7	
DS/MZ	3-Oct-11	6	238	523947	384455	6888245	1231	S	M	Tan/Brown	S/C	65	B	5	7	
DS/MZ	3-Oct-11	6	239	523948	384430	6888219	1226	S	M	Tan	S/C	40	B	3	8	
DS/MZ	3-Oct-11	6	240	523949	384410	6888202	1221	S	M	Tan/Brown	S/C	60	B	3	8	
DS/MZ	3-Oct-11	6	241	523950	384391	6888187	1218	S	M	Tan	S/C	65	B	3	8	
DS/MZ	3-Oct-11	6	242	523951	384373	6888170	1219	S	M	Tan	S/C	80	B	2	5	
DS/MZ	3-Oct-11	6	243	523952	384355	6888153	1215	S	M/D	Tan	S/C	40	B	2	7	
DS/MZ	3-Oct-11	6	244	523953	384334	6888136	1215	S	M	Tan/Brown	S/C	60	B	2	6	Perma
DS/MZ	3-Oct-11	6	245	523954	384317	6888119	1214	S	Semi-Sat	Brown	S/C	65	B	5	2	
DS/MZ	3-Oct-11	6	246	523955	384299	6888102	1212	S	Sat	Brown	S/C	65	B	4	2	
DS/MZ	3-Oct-11	6	247	523956	384279	6888088	1210	S	Sat	Brown	S/C	95	B	6	2	
DS/MZ	3-Oct-11	6	248	523957	384263	6888070	1209	S	Sat	Brown	S/C	95	B	6	2	Bog
DS/MZ	3-Oct-11	6	249	523958	384243	6888053	1202	S	Semi-Sat	Dark Brn	S/C	60	B	4	3	Perma & Bog
DS/MZ	3-Oct-11	6	250	523959	384225	6888038	1201	S	M	Brown	S/C	60	B	3	3	Bog
DS/MZ	3-Oct-11	6	DUP	523960	384224	6888037	1201	S	M	Brown	S/C	70	B	3	3	Bog
DS/MZ	3-Oct-11	6	251	523961	384206	6888020	1201	S	Sat	Grey/Brown	S/C	55	B	4	4	Bog
DS/MZ	3-Oct-11	6	252	523962	384187	6888003	1199	S	Sat	Tan/Grey	S/C	65	B	2	9	Bog
DS/MZ	3-Oct-11	6	253	523963	384169	6887986	1198	S	Sat	Grey	S/C	60	B	4	9	Bog
DS/MZ	3-Oct-11	6	254	523964	384150	6887969	1197	S	Sat	Grey	S/C	80	B	3	8	Bog
DS/MZ	3-Oct-11	6	255	523965	384133	6887953	1199	S	Sat	Light Brn	S/C	50	B	3	8	Bog
DS/MZ	3-Oct-11	6	256	523966	384113	6887937	1198	S	Sat	Dark Brn	S/C	60	B	4	8	Bog

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
DS/MZ	3-Oct-11	6	257	523967	384093	6887919	1199	S	Sat	Brown	S/C	75	B	2	9	Bog
DS/MZ	3-Oct-11	6	258	523968	384075	6887904	1201	S	Sat	Tan	S/C	85	B	5	5	Bog
DS/MZ	3-Oct-11	6	259	523969	384057	6887887	1199	S	Sat	Grey/Brown	S/C	65	B	5	4	Perma & Bog
DS/MZ	3-Oct-11	6	260	523970	384039	6887870	1199	S	Sat	Dark Brn	S/C	65	B	2	4	Bog
DS/MZ	3-Oct-11	6	261	523971	384021	6887853	1199	S	Sat	Light Brn	S/C	65	B	5	4	Bog
DS/MZ	3-Oct-11	6	262	523972	384000	6887836	1199	S	Semi-Sat	Tan	S/C	60	B	2	2	
DS/MZ	3-Oct-11	6	263	523973	383982	6887818	1200	S	Semi-Sat	Tan/Brown	S/C	80	B	2	3	
DS/MZ	3-Oct-11	6	264	523974	383964	6887803	1203	S	Semi-Sat	Brown	S/C	60	B	3	3	
DS/MZ	3-Oct-11	6	265	523975	383946	6887786	1200	S	Semi-Sat	Brown	S/C	95	B	2	3	Perma
DS/MZ	3-Oct-11	6	266	523976	383928	6887769	1201	S	Sat	Brown	S/C	80	B	3	4	
DS/MZ	3-Oct-11	6	267	523977	383907	6887753	1202	S	Sat	Brown	S/C	90	B	2	3	
DS/MZ	3-Oct-11	6	268	523978	383870	6887719	1198	S	M	Tan/Brown	S/C	65	B	2	4	Test Pit
DS/MZ	3-Oct-11	6	269	523979	383870	6887719	1200	S	Sat	Tan/Brown	S/C	60	B	2	2	
DS/MZ	3-Oct-11	6	270	523980	383852	6887702	1198	S	Sat	Dark Brn	S/C	50	B	1	4	Perma
DS/MZ	3-Oct-11	6	271	523981	383834	6887685	1197	S	Sat	Tan	S/C	50	B	4	8	Creek Bed
DS/MZ	3-Oct-11	6	272	523982	383817	6887668	1198	S	Sat	Tan/Brown	S/C	70	B	2	2	
DS/MZ	3-Oct-11	6	273	523983	383797	6887651	1198	S	M	Dark Brn	S/C	55	B	3	3	Perma
DS/MZ	3-Oct-11	6	274	523984	383780	6887635	1198	S	M	Dark Brn	S/C	65	B	3	6	
DS/MZ	3-Oct-11	6	275	523985	383761	6887619	1197	S	Semi-Sat	Dark Brn	S/C	60	B	2	4	
DS/MZ	3-Oct-11	6	DUP	523986	383760	6887620	1198	S	Semi-Sat	Dark Brn	S/C	60	B	2	4	
DS/MZ	3-Oct-11	6	276	523987	383741	6887601	1197	S	Semi-Sat	Grey/Brown	S/C	50	B	2	2	
ER/MD	4-Oct-11	7	277	523988	384867	6888340	1297	S	m	brn	C/S	53	B	10	15	
ER/MD	4-Oct-11	7	278	523989	384850	6888323	1293	S	m	brn	C/S	60	B	12	18	Some ash contamination unavoidable, sample moved away from two trenches.
ER/MD	4-Oct-11	7	279	523990	384834	6888306	1291	S	m	brn/tan	C/S	50	B	50	13	
ER/MD	4-Oct-11	7	280	523991	384798	6888290	1286	S	m	brn	C/S	55	B	13	25	
ER/MD	4-Oct-11	7	281	523992	384793	6888274	1283	S	m	tan/brn	C/S	60	B	10	18	
ER/MD	4-Oct-11	7	282	523993	384776	6888257	1278	S	m	tan/brn	Sandy,C/S	55	B	11	10	
ER/MD	4-Oct-11	7	283	523994	384749	6888236	1275	S	m	gry/tan	C/S	53	B	7	9	
ER/MD	4-Oct-11	7	284	523995	384737	6888223	1273	S	m	gry/tan	C/S	55	B	5	20	
ER/MD	4-Oct-11	7	285	523996	384718	6888206	1268	S	m	gry/tan	C/S	55	B	10	20	
ER/MD	4-Oct-11	7	286	523997	384701	6888191	1263	S	m	gry/tan	C/S	56	B	5	25	
ER/MD	4-Oct-11	7	287	523998	384679	6888173	1258	S	m	tan/brn	C/S	60	B	12	10	
ER/MD	4-Oct-11	7	288	523999	384662	6888157	1255	S	m	brn	C/S	63	B	10	12	
ER/MD	4-Oct-11	7	289	524000	384643	6888140	1252	S	m	gry/tan	C/S	54	B	8	15	
ER/MD	4-Oct-11	7	290	1067651	384624	6888124	1248	S	m	gry/tan	C/S	62	B	8	15	
ER/MD	4-Oct-11	7	291	1067652	384607	6888107	1245	S	m	org/tan	C/S	62	B	5	14	
ER/MD	4-Oct-11	7	292	1067653	384587	6888091	1241	S	m	tan	C/S	60	B	7	35	

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
ER/MD	4-Oct-11	7	293	1067654	384564	6888070	1242	S	Semi-Sat	org/tan	C/S	57	B	5	37	
ER/MD	4-Oct-11	7	294	1067655	384546	6888053	1238	S	Sat	gry	C/S	50	B	4	tr	
ER/MD	4-Oct-11	7	295	1067656	384526	6888036	1234	S	m	org/tan	C/S	60	B	8	25	
ER/MD	4-Oct-11	7	296	1067657	384508	6888019	1231	S	m	org/tan	C/S	59	B	9	26	
ER/MD	4-Oct-11	7	297	1067658	384491	6888003	1228	S	m	gry/tan	C/S	66	B	3	15	
ER/MD	4-Oct-11	7	298	1067659	384470	6887988	1225	S	Semi-Sat	org/tan	C/S	61	B	10	8	
ER/MD	4-Oct-11	7	299	1067660	384453	6887969	1220	S	Sat	tan	C/S	57	B	6	10	
ER/MD	4-Oct-11	7	300	1067661	384434	6887954	1220	S	Semi-Sat	tan	C/S	58	B	5	11	
ER/MD	4-Oct-11	7	DUP	1067662	384435	6887956	1218	S	Semi-Sat	tan	C/S	58	B	5	11	
ER/MD	4-Oct-11	7	301	1067663	384415	6887936	1215	S	Semi-Sat	brn	C/S	55	B	17	15	
ER/MD	4-Oct-11	7	302	1067664	384397	6887918	1216	S	m	org/tan	C/S	60	B	2	20	
ER/MD	4-Oct-11	7	303	1067665	384378	6887901	1210	S	m	org/tan	C/S	69	B	3	7	
ER/MD	4-Oct-11	7	304	1067666	384361	6887887	1209	S	m	org/tan	C/S	54	B	2	15	
ER/MD	4-Oct-11	7	305	1067667	384341	6887869	1205	S	m	tan/org	C/S	57	B	2	20	
ER/MD	4-Oct-11	7	306	1067668	384320	6887859	1199	S	m	gry	C/S	66	B	3	22	
ER/MD	4-Oct-11	7	307	1067669	384305	6887836	1198	S	Sat	tan	C/S	50	B	2	20	
ER/MD	4-Oct-11	7	308	1067670	384287	6887823	1193	S	Sat	tan	C/S	58	B	8	12	
ER/MD	4-Oct-11	7	309	1067671	384268	6887802	1189	S	m	gry/tan	CS	63	B	7	15	
ER/MD	4-Oct-11	7	310	1067672	384248	6887786	1188	S	Semi-Sat	gry/brn	CS	60	B	35	tr	Sulfur smell to sample.
ER/MD	4-Oct-11	7	311	1067673	384230	6887769	1185	S	sat	gry/brn	CS	64	B	40	tr	
ER/MD	4-Oct-11	7	312	1067674	384211	6887753	1188	S	sat	gry/brn	CS	73	B	50	tr	
ER/MD	4-Oct-11	7	313	1067675	384193	6887735	1188	S	m	gry/brn	CS	58	B	20	tr	
ER/MD	4-Oct-11	7	314	1067676	384172	6887719	1186	S	Semi-Sat	gry/brn	CS	60	B	8	10	
ER/MD	4-Oct-11	7	315	1067677	384155	6887706	1191	S	sat	org/brn	CS	80	B	10	25	
ER/MD	4-Oct-11	7	316	1067678	384139	6887692	1185	S	sat	gry/brn	CS	80	B	10	2	
ER/MD	4-Oct-11	7	317	1067679	384118	6887668	1184	S	Semi-Sat	tan/brn	CS	40	B	9	15	
ER/MD	4-Oct-11	7	318	1067680	384095	6887674	1186	S	m	brn	CS	50	B	50	15	Highly disturbed sample.
ER/MD	4-Oct-11	7	319	1067681	384080	6887636	1186	S	m	brn	CS	40	B	90	tr	Sample mostly of material disturbed by excavator activity orriginating on neighbouring property
ER/MD	4-Oct-11	7	320	1067682	384047	6887613	1186	S	m	gry/brn	CS	58	B	12	tr	Sample moved due to disturbance by excavator
ER/MD	4-Oct-11	7	321	1067683	384044	6887602	1188	S	m	gry/tan	CS	60	B	10	5	Some ash contamination
ER/MD	4-Oct-11	7	322	1067684	384024	6887585	1186	S	Semi-Sat	org/tan	CS	67	B	4	3	Disturbed area
ER/MD	4-Oct-11	7	323	1067685	384002	6887569	1188	S	Semi-Sat	brn	CS	64	B	20	tr	Disturbed area
ER/MD	4-Oct-11	7	324	1067686	383986	6887558	1189	S	m	brn/gry	CS	63	B	12	tr	Disturbed area
ER/MD	4-Oct-11	7	DUP	1067687	383986	6887554	1186	S	m	brn/gry	CS	63	B	12	tr	Disturbed area
ER/MD	4-Oct-11	7	325	1067688	383965	6887535	1186	S	Semi-Sat	brn/gry	CS	68	B	17	tr	Disturbed area
ER/MD	4-Oct-11	7	326	1067689	383950	6887518	1185	S	Semi-Sat	gry/brn	CS	58	B	15	tr	Disturbed area
ER/MD	4-Oct-11	7	327	1067690	383931	6887502	1186	S	sat	org/tan	CS	57	B	5	tr	Disturbed area

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
ER/MD	4-Oct-11	7	328	1067691	383913	6887486	1184	S	sat	gry/brn	CS	63	B	15	tr	Disturbed area
ER/MD	4-Oct-11	7	329	1067692	383894	6887469	1182	S	m	brn	CS	77	B	10	tr	Disturbed area
ER/MD	4-Oct-11	7	330	1067693	383876	6887451	1184	S	m	brn	CS	57	B	12	tr	Disturbed area
ER/MD	4-Oct-11	7	331	1067694	383856	6887435	1185	S	m	brn	CS	58	B	15	tr	Disturbed area
ER/MD	4-Oct-11	7	332	1067695	383838	6887416	1184	S	sat	gry/brn	CS	76	B	10	tr	Disturbed area
ER/MD	4-Oct-11	7	333	1067696	383819	6887402	1185	S	m	brn	CS	48	B	30	tr	Ash contamination unavoidable.
ER/MD	4-Oct-11	7	334	1067697	383801	6887385	1186	S	m	brn	CS	56	B	15	tr	Disturbed area
ER/MD	4-Oct-11	7	335	1067698	383781	6887371	1185	S	m	brn	CS	57	B	20	10	Disturbed area
DS/MZ	5-Oct-11	8	336	1067699	385015	6888199	1284	S	M	Brown	S/C	80	B	3	7	Adj Trench
DS/MZ	5-Oct-11	8	337	1067700	384996	6888180	1283	S	M	Tan	S/C	55	B	3	8	
DS/MZ	5-Oct-11	8	338	1067701	384980	6888163	1281	S	M	Tan/Brown	S/C	50	B	4	5	
DS/MZ	5-Oct-11	8	339	1067702	384961	6888147	1281	S	M/D	Tan	S/C	55	B	3	6	
DS/MZ	5-Oct-11	8	340	1067703	384945	6888128	1277	S	M/D	Tan	S/C	35	B	3	6	Adj Trench
DS/MZ	5-Oct-11	8	341	1067704	384926	6888112	1275	S	M/D	Tan/Brown	S/C	40	B	4	8	
DS/MZ	5-Oct-11	8	342	1067705	384907	6888095	1272	S	M/D	Tan	S/C	65	B	2	12	
DS/MZ	5-Oct-11	8	343	1067706	384889	6888077	1269	S	M/D	Tan/Grey	S/C	50	B	2	12	
DS/MZ	5-Oct-11	8	344	1067707	384870	6888060	1266	S	M/D	Tan	S/C	45	B	2	4	
DS/MZ	5-Oct-11	8	345	1067708	384853	6888042	1265	S	M/D	Tan	S/C	60	B	2	9	
DS/MZ	5-Oct-11	8	346	1067709	384834	6888026	1262	S	M	Tan/Brown	S/C	65	B	3	2	
DS/MZ	5-Oct-11	8	347	1067710	384818	6888008	1260	S	M	Brown	S/C	60	B	2	3	
DS/MZ	5-Oct-11	8	348	1067711	384798	6887991	1255	S	M	Brown	S/C	55	B	2	4	
DS/MZ	5-Oct-11	8	349	1067712	384778	6887973	1254	S	M	Tan	S/C	75	B	1	8	
DS/MZ	5-Oct-11	8	DUP	1067713	384782	6887973	1252	S	M	Tan	S/C	65	B	1	8	
DS/MZ	5-Oct-11	8	350	1067714	384763	6887956	1248	S	M	Tan/Brown	S/C	65	B	2	3	Adj to creek/ Perma
DS/MZ	5-Oct-11	8	351	1067715	384744	6887938	1246	S	M	Tan	S/C	55	B	2	4	Perma
DS/MZ	5-Oct-11	8	352	1067716	384727	6887921	1244	S	Sat	Tan/Brown	S/C	65	B	3	4	Perma
DS/MZ	5-Oct-11	8	353	1067717	384703	6887897	1240	S	Semi-Sat	Tan/Brown	S/C	55	B	3	5	Perma
DS/MZ	5-Oct-11	8	354	1067718	384685	6887881	1238	S	M	Tan	S/C	60	B	2	7	
DS/MZ	5-Oct-11	8	355	1067719	384666	6887864	1236	S	M	Tan	S/C	55	B	2	3	
DS/MZ	5-Oct-11	8	356	1067720	384647	6887847	1233	S	M	Tan	S/C	40	B			
DS/MZ	5-Oct-11	8	357	1067721	384630	6887830	1230	S	M	Tan/Brown	S/C	60	B			Perma
DS/MZ	5-Oct-11	8	358	1067722	384610	6887813	1228	S	M	Tan/Brown	S/C	70	B			Perma
DS/MZ	5-Oct-11	8	359	1067723	384591	6887798	1227	S	M	Tan	S/C	45	B			Creek
DS/MZ	5-Oct-11	8	360	1067724	384573	6887780	1225	S	Semi-Sat	Tan/Brown	S/C	60	B			Perma
DS/MZ	5-Oct-11	8	361	1067725	384553	6887765	1224	S	Semi-Sat	Tan/Brown	S/C	70	B			Perma
DS/MZ	5-Oct-11	8	362	1067726	384537	6887747	1220	S	M	Orange/Brown	S/C	65	B			
DS/MZ	5-Oct-11	8	363	1067727	384517	6887730	1219	S	M	Orange/Brown	S/C	60	B			

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
DS/MZ	5-Oct-11	8	364	1067728	384498	6887714	1216	S	D	Light Tan	S/C	45	B			
DS/MZ	5-Oct-11	8	365	1067729	384480	6887697	1213	S	D	Light Tan	S/C	40	B			
DS/MZ	5-Oct-11	8	366	1067730	384461	6887680	1213	S	M	Tan/Brown	S/C	60	B			Perma
DS/MZ	5-Oct-11	8	367	1067731	384442	6887664	1211	S	M	Tan	S/C	60	B			
DS/MZ	5-Oct-11	8	368	1067732	384425	6887648	1209	S	M	Brown	S/C	65	B			Perma
DS/MZ	5-Oct-11	8	369	1067733	384405	6887629	1208	S	M	Tan	S/C	65	B			
DS/MZ	5-Oct-11	8	370	1067734	384386	6887612	1206	S	M	Tan	S/C	50	B			Test Pit/Perma
DS/MZ	5-Oct-11	8	371	1067735	384369	6887597	1202	S	D/M	Tan	S/C	45	B			
DS/MZ	5-Oct-11	8	372	1067736	384350	6887580	1201	S	D/M	Tan	S/C	50	B			
DS/MZ	6-Oct-11	10	406	1067772	385275	6887884	1324	S	M	Tan	S/C	55	B	2	5	Adj old road
DS/MZ	6-Oct-11	10	407	1067773	385258	6887866	1286	S	M	Tan	S/C	60	B	3	7	
DS/MZ	6-Oct-11	10	408	1067774	385238	6887851	1283	S	M	Tan/Brown	S/C	60	B	5	7	
DS/MZ	6-Oct-11	10	409	1067775	385218	6887834	1279	S	Semi-Sat	Tan/Brown	S/C	60	B	2	8	
DS/MZ	6-Oct-11	10	410	1067776	385202	6887818	1277	S	Semi-Sat	Tan/Brown	S/C	70	B	7	2	Perma
DS/MZ	6-Oct-11	10	411	1067777	385182	6887801	1273	S	Semi-Sat	Grey/Brown	S/C	45	B	6	2	Perma
DS/MZ	6-Oct-11	10	412	1067778	385163	6887784	1269	S	M	Tan/Brown	S/C	45	B	3	5	
DS/MZ	6-Oct-11	10	413	1067779	385145	6887767	1266	S	M	Tan/Brown	S/C	60	B	3	7	
DS/MZ	6-Oct-11	10	414	1067780	385126	6887751	1261	S	D/M	Tan/Brown	S/C	60	B	5	5	Adj road/ Perma
DS/MZ	6-Oct-11	10	415	1067781	385109	6887733	1256	S	D/M	Tan/Brown	S/C	50	B	2	3	Adj creek
DS/MZ	6-Oct-11	10	416	1067782	385089	6887717	1252	S	M	Tan/Brown	S/C	55	B	3	6	Perma
DS/MZ	6-Oct-11	10	417	1067783	385072	6887700	1251	S	M	Tan	S/C	60	B	2	8	
DS/MZ	6-Oct-11	10	418	1067784	385053	6887683	1247	S	M	Tan/Brown	S/C	50	B	3	10	
DS/MZ	6-Oct-11	10	419	1067785	385033	6887666	1243	S	Semi-Sat	Tan/Brown	S/C	65	B	6	6	
DS/MZ	6-Oct-11	10	420	1067786	385015	6887650	1240	S	Semi-Sat	Tan/Brown	S/C	65	B	5	8	
DS/MZ	6-Oct-11	10	421	1067787	384996	6887633	1238	S	Semi-Sat	Tan/Grey	S/C	45	B	3	6	Perma
DS/MZ	6-Oct-11	10	422	1067788	384978	6887615	1234	S	Semi-Sat	Tan/Brown	S/C	60	B	3	7	
DS/MZ	6-Oct-11	10	423	1067789	384958	6887600	1235	S	Semi-Sat	Tan	S/C	75	B	4	9	
DS/MZ	6-Oct-11	10	424	1067790	384940	6887583	1232	S	D	Tan	S/C	55	B	2	8	
DS/MZ	6-Oct-11	10	DUP	1067791	384940	6887583	1232	S	D	Tan	S/C	55	B	2	8	
DS/MZ	6-Oct-11	10	425	1067792	384922	6887566	1229	S	M	Tan/Brown	S/C	35	B	3	3	
DS/MZ	6-Oct-11	10	426	1067793	384903	6887551	1225	S	M/D	Tan	S/C	40	B	2	10	
DS/MZ	6-Oct-11	10	427	1067794	384885	6887534	1222	S	M/D	Tan	S/C	50	B	3	7	
DS/MZ	6-Oct-11	10	428	1067795	384865	6887516	1217	S	M/D	Tan	S/C	60	B	5	12	
DS/MZ	6-Oct-11	10	429	1067796	384846	6887499	1214	S	M/D	Tan	S/C	40	B	3	12	Adj Pit/Road/Camp
ER/MD	6-Oct-11	9	373	1067737	385135	6888032	1271	S	m	brn	CSS	67	B	20	tr	
ER/MD	6-Oct-11	9	374	1067738	385116	6888018	1267	S	m	red/brn	CSS	69	B	15	tr	
ER/MD	6-Oct-11	9	DUP	1067739	385116	6888018	1267	S	m	red	CSS	69	B	15	tr	

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
ER/MD	6-Oct-11	9	375	1067740	385097	6887999	1266	S	m	gry/brn	CSS	60	B	15	tr	
ER/MD	6-Oct-11	9	376	1067741	385079	6887982	1259	S	m	gry/brn	CSS	68	B	10	tr	
ER/MD	6-Oct-11	9	377	1067742	385061	6887964	1258	S	m	tan/brn	CSS	57	B	10	tr	
ER/MD	6-Oct-11	9	378	1067743	385041	6887947	1257	S	m	gry/brn	CSS	61	B	8	tr	
ER/MD	6-Oct-11	9	379	1067744	385026	6887932	1253	S	m	gry/brn	CSS	60	B	12	tr	
ER/MD	6-Oct-11	9	380	1067745	385005	6887917	1251	S	m	brn	CSS	60	B	15	tr	
ER/MD	6-Oct-11	9	381	1067746	384988	6887896	1249	S	m	brn	CSS	60	B	15	tr	
ER/MD	6-Oct-11	9	382	1067747	384968	6887881	1247	S	m	brn	CSS	60	B	50	tr	
ER/MD	6-Oct-11	9	383	1067748	384951	6887866	1244	S	Sat	brn	CSS	60	B	30	tr	
ER/MD	6-Oct-11	9	384	1067749	384930	6887848	1243	S	Sat	gry/brn	CSS	74	B	25	tr	
ER/MD	6-Oct-11	9	385	1067750	384913	6887831	1245	S	m	gry/blk	CSS	63	B	20	10	
ER/MD	6-Oct-11	9	386	1067751	384893	6887816	1244	S	m	gry/brn	CSS	50	B	10	12	
ER/MD	6-Oct-11	9	387	1067752	384874	6887802	1237	S	m	org/tan	CSS	55	B	50	15	
ER/MD	6-Oct-11	9	388	1067753	384857	6887782	1233	S	Sat	gry/tan	CSS	64	B	12	20	
ER/MD	6-Oct-11	9	389	1067754	384837	6887765	1231	S	Sat	tan/gry	CSS	74	B	7	5	
ER/MD	6-Oct-11	9	390	1067755	384821	6887749	1229	S	Sat	gry	CSS	64	B	8	20	
ER/MD	6-Oct-11	9	391	1067756	384801	6887732	1227	S	Sat	gry/tan	CSS	80	B	7	15	
ER/MD	6-Oct-11	9	392	1067757	384783	6887716	1225	S	Sat	gry/tan	CSS	62	B	8	20	
ER/MD	6-Oct-11	9	393	1067758	384762	6887698	1223	S	Sat	tan/gry	CSS	64	B	10	12	
ER/MD	6-Oct-11	9	394	1067759	384745	6887681	1220	S	m	gry	CSS	58	B	10	20	
ER/MD	6-Oct-11	9	395	1067760	384727	6887666	1220	S	Sat	tan/gry	CSS	73	B	7	15	
ER/MD	6-Oct-11	9	396	1067761	384709	6887649	1216	S	Semi-Sat	tan/gry	CSS	60	B	10	20	
ER/MD	6-Oct-11	9	397	1067762	384689	6887631	1215	S	m	grn/gry	CSS	52	B	3	10	
ER/MD	6-Oct-11	9	398	1067763	384672	6887615	1214	S	Sat	tan/brn	CSS	48	B	12	15	
ER/MD	6-Oct-11	9	399	1067764	384652	6887598	1211	S	m	brn	CSS	50	B	18	20	
ER/MD	6-Oct-11	9	DUP	1067765	384652	6887598	1211	S	m	brn	CSS	50	B	18	20	
ER/MD	6-Oct-11	9	400	1067766	384635	6887581	1212	S	Sat	tan/brn	CSS	55	B	15	17	
ER/MD	6-Oct-11	9	401	1067767	384615	6887565	1210	S	Sat	gry/tan	CSS	64	B	8	27	
ER/MD	6-Oct-11	9	402	1067768	384595	6887548	1209	S	m	org/tan	CSS	57	B	3	28	
ER/MD	6-Oct-11	9	403	1067769	384578	6887532	1208	S	Semi-Sat	org/brn	CSS	56	B	18	20	
ER/MD	6-Oct-11	9	404	1067770	384559	6887515	1206	S	Sat	brn	CSS	57	B	15	25	
ER/MD	6-Oct-11	9	405	1067771	384540	6887501	1205	S	Semi-Sat	gry/brn	CSS	63	B	20	8	Some ash contamination unavoidable
DS/MZ	7-Oct-11	11	433	1067800	385409	6887738	1286	S	D/M	Tan	S/C	65	B	7	5	
DS/MZ	7-Oct-11	11	434	1067801	385392	6887721	1280	S	D/M	Tan	S/C	65	B	1	12	
DS/MZ	7-Oct-11	11	435	1067802	385372	6887704	1277	S	M	Brown	S/C	60	B	3	5	
DS/MZ	7-Oct-11	11	436	1067803	385354	6887688	1273	S	D/M	Light Brown	S/C	45	B	2	6	
DS/MZ	7-Oct-11	11	437	1067804	385334	6887672	1269	S	D/M	Brown	S/C	65	B	4	2	

Sampler	Date	Line	PegNum	Sample No.	UTMx	UTMy	Elev	Type	Moisture	Colour	Comp	Depth	Hor	Org	Rx	Comments
DS/MZ	7-Oct-11	11	438	1067805	385316	6887653	1264	S	M	Dark Brown	S/C	70	B	4	2	
DS/MZ	7-Oct-11	11	439	1067806	385298	6887637	1262	S	M	Brown	S/C	60	B	1	2	
DS/MZ	7-Oct-11	11	440	1067807	385280	6887620	1259	S	M	Brown	S/C	60	B	4	2	
DS/MZ	7-Oct-11	11	441	1067808	385261	6887605	1257	S	M	Tan/Brown	S/C	60	B	4	1	
DS/MZ	7-Oct-11	11	442	1067809	385242	6887588	1252	S	M	Dark Brown	S/C	55	B	1	2	Adj. Creek/ Perma
DS/MZ	7-Oct-11	11	443	1067810	385224	6887570	1251	S	M	Dark Brown	S/C	50	B	4	1	Old road
DS/MZ	7-Oct-11	11	444	1067811	385204	6887555	1248	S	M	Dark Brown	S/C	50	B	4	1	Perma
DS/MZ	7-Oct-11	11	445	1067812	385187	6887537	1246	S	M	Dark Brown	S/C	60	B	3	1	Perma
DS/MZ	7-Oct-11	11	446	1067813	385167	6887518	1243	S	M	Dark Brown	S/C	50	B	3	1	Perma
DS/MZ	7-Oct-11	11	447	1067814	385150	6887503	1241	S	M	Grey/Brown	S/C	55	B	3	1	Perma
DS/MZ	7-Oct-11	11	448	1067815	385130	6887486	1238	S	M	Dark Brown	S/C	60	B	4	1	
DS/MZ	7-Oct-11	11	DUP	1067816	385131	6887486	1237	S	M	Dark Brown	S/C	70	B	4	1	
DS/MZ	7-Oct-11	11	449	1067817	385111	6887470	1236	S	Sat	Dark Brown	S/C	70	B	5	1	
DS/MZ	7-Oct-11	11	450	1067818	385093	6887454	1235	S	M	Dark Brown	S/C	55	B	4	1	
DS/MZ	7-Oct-11	11	451	1067819	385075	6887437	1232	S	M	Brown	S/C	60	B	4	5	
DS/MZ	7-Oct-11	11	452	1067820	385056	6887420	1229	S	Sat	Brown	S/C	70	B	10	10	Creek?
DS/MZ	7-Oct-11	11	453	1067821	385037	6887404	1228	S	Sat	Tan/Brown	S/C	70	B	2	9	
DS/MZ	7-Oct-11	11	454	1067822	385019	6887386	1223	S	Sat	Tan/Brown	S/C	70	B	3	12	
DS/MZ	7-Oct-11	11	455	1067823	385000	6887370	1284	S	M	Tan/Brown	S/C	70	B	2	5	Adj. Trench/road
DS/MZ	7-Oct-11	12	456	1067824	385548	6887585	1252	S	M/D	Tan/Brown	S/C	55	B	2	5	Old road
DS/MZ	7-Oct-11	12	457	1067825	385529	6887569	1280	S	M/D	Tan	S/C	50	B	1	12	
DS/MZ	7-Oct-11	12	458	1067826	385512	6887553	1277	S	M/D	Tan/Brown	S/C	65	B	1	9	
DS/MZ	7-Oct-11	12	459	1067827	385492	6887534	1274	S	Dry	Tan/Brown	S/C	60	B	1	5	
DS/MZ	7-Oct-11	12	460	1067828	385473	6887518	1270	S	M/D	Brown	S/C	60	B	2	5	
DS/MZ	7-Oct-11	12	461	1067829	385456	6887502	1267	S	M	Tan/Brown	S/C	55	B	2	6	
DS/MZ	7-Oct-11	12	462	1067830	385435	6887486	1261	S	M	Tan/Brown	S/C	50	B	2	2	
DS/MZ	7-Oct-11	12	DUP	1067831	385435	6887485	1261	S	M	Tan/Brown	S/C	65	B	2	2	
DS/MZ	7-Oct-11	12	463	1067832	385417	6887469	1259	S	M	Tan/Brown	S/C	60	B	1	5	
DS/MZ	7-Oct-11	12	464	1067833	385398	6887451	1258	S	M	Tan/Brown	S/C	75	B	1	2	
DS/MZ	7-Oct-11	12	465	1067834	385380	6887435	1255	S	M	Tan	S/C	70	B	2	2	
DS/MZ	7-Oct-11	12	466	1067835	385362	6887418	1252	S	M/D	Tan/Brown	S/C	50	B	2	7	Old road
DS/MZ	7-Oct-11	12	467	1067836	385343	6887402	1247	S	M	Tan	S/C	60	B	1	9	
DS/MZ	7-Oct-11	12	468	1067837	385325	6887384	1246	S	M	Brown/Grey	S/C	75	B	2	1	
DS/MZ	7-Oct-11	12	469	1067838	385305	6887372	1244	S	D/M	Brown	S/C	65	B	2	2	Perma

APPENDIX 8

Soil Assay Certificates

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Email Distribution List - Project Etzel
Receiving Lab: Canada-Whitehorse
Received: October 08, 2011
Report Date: December 06, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11001811.1

CLIENT JOB INFORMATION

Project: Etzel Project
Shipment ID: ETZEL11-009
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	320	Saving all or part of Soil Reject			WHI
G601	320	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	311	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523701	Soil	0.013	0.6	15.4	12.5	41	0.1	11.0	7.4	244	1.63	9.0	3.7	2.5	20	0.2	0.8	0.3	42	0.24	0.057
523702	Soil	0.009	0.3	13.0	8.7	35	0.1	10.1	5.6	192	1.44	6.8	3.2	2.3	21	0.1	0.6	0.2	32	0.26	0.053
523703	Soil	0.010	0.4	12.1	9.1	37	0.2	9.8	5.2	258	1.57	7.3	5.2	1.8	21	0.2	0.6	0.2	32	0.24	0.053
523704	Soil	<0.005	0.5	11.7	15.4	49	0.3	10.7	5.5	206	1.68	7.4	3.1	1.2	23	0.1	0.8	0.3	46	0.23	0.049
523705	Soil	0.053	0.6	15.5	15.1	47	0.2	11.0	6.1	314	2.02	12.2	3.6	1.5	25	0.1	0.8	0.3	45	0.27	0.059
523706	Soil	0.006	0.4	11.0	10.4	38	0.2	10.2	5.6	201	1.68	7.9	3.6	2.3	19	0.1	0.8	0.2	32	0.23	0.052
523707	Soil	<0.005	0.5	11.7	10.5	34	0.2	8.8	4.4	193	1.52	7.1	3.0	3.2	19	0.2	0.9	0.2	31	0.24	0.056
523708	Soil	0.006	0.3	13.5	14.1	40	0.4	9.6	5.7	167	1.60	7.3	11.9	2.5	19	0.3	0.8	0.2	35	0.24	0.055
523709	Soil	0.012	1.0	10.8	19.0	63	0.2	9.4	6.4	201	2.05	11.9	25.6	3.5	20	0.3	0.8	0.5	63	0.25	0.065
523710	Soil	0.009	0.7	17.0	17.1	50	0.1	9.9	6.6	276	1.56	6.3	7.9	2.4	21	0.4	0.7	0.4	43	0.26	0.064
523712	Soil	0.012	1.1	17.8	22.1	61	0.3	9.1	5.0	176	2.10	12.5	9.3	2.7	23	0.5	1.0	0.7	53	0.27	0.063
523713	Soil	0.018	0.9	13.7	17.1	60	0.2	9.0	7.2	276	2.34	11.4	13.5	3.0	21	0.3	0.8	0.6	43	0.25	0.052
523714	Soil	0.013	0.8	14.9	17.0	74	0.3	9.4	4.0	147	2.03	11.7	14.3	3.6	23	0.4	0.9	0.8	54	0.28	0.052
523715	Soil	0.070	0.7	19.5	17.7	56	0.4	6.9	4.2	300	1.52	8.5	13.4	2.0	23	0.4	1.2	1.0	32	0.27	0.051
523716	Soil	0.025	0.7	18.6	12.3	51	0.3	7.6	4.1	180	2.08	7.1	27.1	4.3	18	0.6	0.9	0.7	48	0.23	0.053
523717	Soil	0.010	0.9	19.3	15.3	60	0.2	7.7	3.8	178	2.11	11.9	109.4	4.3	17	0.6	0.9	0.8	58	0.23	0.052
523718	Soil	0.026	1.6	21.9	20.6	67	0.5	8.7	4.1	170	2.20	27.3	180.5	3.5	19	0.9	1.1	0.7	75	0.25	0.060
523719	Soil	0.081	0.9	26.4	34.4	112	1.0	8.7	6.3	248	2.00	13.8	95.8	5.4	21	2.0	1.1	1.3	58	0.26	0.059
523720	Soil	0.112	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523721	Soil	0.064	1.7	34.3	36.9	104	0.7	8.9	7.9	373	2.56	25.1	42.8	5.6	27	0.8	1.7	4.9	55	0.32	0.060
523722	Soil	0.032	0.8	20.9	14.3	69	0.6	8.5	4.6	227	1.99	13.1	63.9	3.7	21	0.6	1.0	1.8	47	0.26	0.045
523723	Soil	0.036	1.2	28.5	22.1	79	0.7	8.6	4.7	208	2.06	15.9	51.9	4.2	20	0.5	1.3	1.7	48	0.23	0.042
523724	Soil	0.182	1.4	62.6	29.2	86	0.6	7.4	6.3	301	2.38	30.5	418.4	3.6	21	0.9	1.8	4.1	53	0.21	0.038
523725	Soil	0.031	1.5	37.3	32.6	89	0.6	8.9	6.0	357	2.42	27.9	25.1	3.0	23	0.5	1.6	3.4	45	0.21	0.031
523726	Soil	0.041	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523727	Soil	0.044	1.4	33.1	31.0	82	1.1	9.3	5.7	251	2.65	22.1	35.8	4.6	23	0.4	1.4	3.1	59	0.25	0.049
523728	Soil	0.092	1.2	20.9	33.2	56	0.6	7.4	4.3	216	2.56	28.3	52.1	3.9	19	0.2	1.9	6.8	63	0.24	0.057
523729	Soil	0.109	2.8	40.7	61.3	143	1.1	10.3	6.8	408	3.55	62.3	59.4	4.9	25	0.8	6.4	9.5	67	0.23	0.039
523730	Soil	0.057	2.1	38.3	24.3	90	1.9	5.9	6.1	404	2.01	19.1	58.1	1.1	29	0.6	1.9	2.8	31	0.24	0.063
523731	Soil	0.035	3.4	59.1	44.1	170	0.8	9.4	6.4	578	3.39	33.9	27.0	3.3	38	0.8	3.5	4.8	50	0.28	0.042

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523701	Soil		12	20	0.44	146	0.054	<1	1.45	0.015	0.06	0.3	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
523702	Soil		10	17	0.40	108	0.051	2	1.21	0.015	0.06	0.3	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
523703	Soil		10	18	0.42	126	0.046	1	1.29	0.013	0.05	0.2	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
523704	Soil		8	20	0.47	116	0.049	<1	1.51	0.013	0.06	0.2	0.03	1.9	0.1	<0.05	5	0.6	<0.2
523705	Soil		11	21	0.47	158	0.049	<1	1.59	0.013	0.06	0.2	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
523706	Soil		10	16	0.38	109	0.049	1	1.21	0.013	0.06	0.2	0.03	2.0	<0.1	<0.05	4	0.6	<0.2
523707	Soil		11	15	0.35	95	0.055	<1	0.96	0.013	0.06	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
523708	Soil		11	18	0.37	105	0.052	1	1.24	0.014	0.05	0.2	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
523709	Soil		12	21	0.50	176	0.042	<1	1.46	0.010	0.05	0.2	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
523710	Soil		14	21	0.40	155	0.040	<1	1.24	0.012	0.05	0.3	0.02	2.3	0.1	<0.05	5	0.6	<0.2
523712	Soil		15	20	0.35	192	0.034	<1	1.35	0.013	0.06	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
523713	Soil		13	17	0.33	142	0.037	<1	1.09	0.010	0.05	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
523714	Soil		13	20	0.37	150	0.042	<1	1.12	0.015	0.06	0.4	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
523715	Soil		11	15	0.30	147	0.033	<1	0.94	0.013	0.05	0.1	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
523716	Soil		16	19	0.31	110	0.047	<1	0.90	0.012	0.05	0.4	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
523717	Soil		17	17	0.29	119	0.043	<1	0.87	0.011	0.05	0.4	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
523718	Soil		16	19	0.30	181	0.028	<1	1.05	0.009	0.05	0.4	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
523719	Soil		22	22	0.34	167	0.024	<1	1.10	0.011	0.05	0.4	0.05	3.1	0.2	<0.05	4	<0.5	<0.2
523720	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523721	Soil		14	17	0.48	176	0.048	<1	1.17	0.012	0.07	0.2	0.02	3.1	0.2	<0.05	4	<0.5	<0.2
523722	Soil		14	18	0.36	129	0.043	<1	1.00	0.013	0.06	0.3	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
523723	Soil		14	18	0.35	132	0.038	<1	1.04	0.015	0.07	0.2	0.03	2.5	0.1	<0.05	4	0.5	<0.2
523724	Soil		13	15	0.31	113	0.043	<1	0.84	0.016	0.06	0.2	0.02	2.4	<0.1	<0.05	4	<0.5	0.2
523725	Soil		12	17	0.35	136	0.037	<1	1.01	0.014	0.08	0.2	0.02	2.5	0.1	<0.05	4	<0.5	0.3
523726	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523727	Soil		17	21	0.37	162	0.038	<1	1.14	0.011	0.06	0.2	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
523728	Soil		17	18	0.27	106	0.042	<1	0.70	0.012	0.05	0.4	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
523729	Soil		16	22	0.35	197	0.033	2	1.07	0.011	0.10	0.3	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
523730	Soil		13	10	0.19	258	0.014	<1	1.18	0.026	0.08	0.2	0.06	2.5	0.2	0.06	4	<0.5	<0.2
523731	Soil		14	17	0.32	374	0.025	1	1.38	0.016	0.13	0.2	0.04	3.3	0.2	<0.05	6	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523732	Soil	0.025	0.8	21.6	8.3	47	1.8	4.0	2.3	356	0.79	2.9	27.1	0.1	24	1.1	1.7	1.2	14	0.14	0.048
523733	Soil	0.257	2.3	57.9	73.8	163	2.6	8.7	6.4	437	2.90	35.9	126.8	4.2	30	2.1	8.0	4.6	45	0.21	0.061
523734	Soil	0.008	0.7	17.4	16.1	44	0.4	11.5	7.3	387	1.89	11.8	5.3	1.3	30	<0.1	0.8	0.3	51	0.36	0.058
523735	Soil	<0.005	0.4	17.4	6.9	27	0.3	5.7	2.7	105	1.32	2.0	3.0	0.3	28	<0.1	0.4	0.2	31	0.28	0.040
523736	Soil	0.008	0.6	8.7	11.0	39	0.2	7.7	4.9	284	1.83	11.3	8.9	2.0	22	<0.1	0.7	0.3	45	0.25	0.037
523737	Soil	0.010	0.6	11.0	9.1	40	0.2	7.3	6.0	522	1.78	5.8	11.4	1.4	20	0.1	0.6	0.2	47	0.24	0.051
523738	Soil	<0.005	0.9	19.5	10.3	40	0.3	9.5	5.0	192	1.81	9.0	12.7	0.5	18	0.2	0.5	0.3	47	0.19	0.053
523739	Soil	0.008	0.6	12.4	8.9	38	<0.1	9.6	4.9	194	1.66	9.0	5.2	2.1	16	0.1	0.5	0.2	42	0.25	0.057
523740	Soil	0.021	0.7	14.3	9.1	37	0.2	10.0	5.4	225	1.83	8.7	4.8	1.3	15	0.2	0.5	0.2	43	0.23	0.058
523741	Soil	0.008	0.8	19.4	11.7	41	0.2	9.9	6.5	321	1.98	10.3	7.0	1.2	19	0.2	0.6	0.2	52	0.24	0.059
523742	Soil	0.030	0.5	13.2	8.8	34	0.1	8.9	5.0	175	1.46	8.0	2.5	1.2	13	0.2	0.5	0.2	34	0.21	0.062
523743	Soil	0.069	0.6	11.9	10.0	42	0.2	9.3	6.6	199	1.80	9.1	2.9	1.0	14	0.2	0.5	0.2	41	0.21	0.066
523744	Soil	<0.005	0.5	12.1	10.7	35	0.3	7.5	6.3	293	1.36	6.2	2.7	0.5	15	0.2	0.4	0.1	38	0.25	0.073
523745	Soil	0.015	1.0	24.4	13.5	68	0.7	10.9	12.2	367	1.79	6.3	18.1	0.6	21	0.6	0.5	0.4	46	0.36	0.105
523746	Soil	0.011	1.7	21.5	20.5	72	0.3	10.2	6.5	256	3.52	66.6	14.3	2.0	20	0.4	0.9	0.6	92	0.26	0.077
523747	Soil	0.011	1.3	21.0	19.1	60	0.2	9.0	5.0	129	2.60	18.6	20.5	2.1	18	0.3	0.8	0.7	64	0.25	0.071
523748	Soil	0.020	1.7	33.1	28.9	89	0.7	13.1	8.2	187	3.21	23.2	16.9	3.0	26	0.6	1.0	1.3	79	0.33	0.086
523749	Soil	0.019	0.9	49.5	23.3	56	1.0	10.2	3.8	101	1.79	14.6	42.7	1.0	28	0.4	0.7	1.1	53	0.29	0.072
523750	Soil	0.008	0.9	16.5	17.5	56	0.2	7.9	5.1	141	2.11	15.0	17.2	3.4	15	0.3	0.8	0.9	56	0.24	0.057
523751	Soil	0.020	0.9	17.5	16.2	50	0.2	7.2	4.2	138	2.18	13.9	27.1	3.6	17	0.4	0.9	0.9	48	0.26	0.059
523752	Soil	0.030	0.8	19.7	16.6	55	0.3	8.0	4.9	135	1.90	11.8	14.2	4.0	19	0.4	0.9	0.9	50	0.28	0.064
523753	Soil	0.032	1.6	27.6	10.7	66	1.7	6.8	8.3	412	2.63	13.5	34.3	1.2	34	0.6	0.9	0.9	55	0.35	0.077
523754	Soil	0.029	1.1	33.9	23.3	59	0.3	7.5	6.0	183	2.75	23.0	35.8	3.8	15	0.6	1.0	1.0	63	0.23	0.058
523755	Soil	0.049	1.2	41.9	17.4	54	0.8	7.5	3.5	101	1.84	15.3	53.9	2.6	20	0.5	1.0	1.5	54	0.28	0.066
523756	Soil	0.075	1.3	43.1	19.5	50	0.5	6.5	6.0	112	3.28	29.7	42.5	2.5	16	0.3	1.4	1.2	54	0.21	0.052
523757	Soil	0.050	1.8	77.7	34.3	88	0.9	11.6	8.5	255	3.21	30.0	52.3	4.7	21	0.9	3.4	2.8	83	0.26	0.062
523758	Soil	0.083	1.9	68.7	29.8	81	1.0	8.8	5.5	163	2.37	18.2	61.4	3.6	20	0.9	3.0	2.6	64	0.25	0.073
523759	Soil	0.137	2.2	89.0	62.8	124	3.7	10.2	6.1	434	3.64	31.4	136.0	5.4	38	1.1	5.1	5.0	91	0.38	0.111
523760	Soil	0.101	2.4	100.2	51.4	129	3.7	10.9	7.8	298	4.14	34.4	96.8	3.4	50	1.7	3.0	3.7	78	0.42	0.110
523761	Soil	0.088	2.0	79.6	41.2	105	1.1	8.6	7.5	658	2.56	38.0	91.9	5.6	25	0.9	9.3	5.6	59	0.30	0.069

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523732	Soil	7	6	0.07	368	0.012	1	0.45	0.026	0.04	<0.1	0.09	0.9	<0.1	0.06	2	<0.5	<0.2
523733	Soil	18	16	0.31	309	0.027	2	1.14	0.015	0.11	0.2	0.12	3.2	0.2	0.06	4	0.8	0.2
523734	Soil	9	21	0.49	195	0.044	2	1.56	0.018	0.08	0.2	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
523735	Soil	7	13	0.28	124	0.029	<1	0.79	0.019	0.05	0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
523736	Soil	8	16	0.42	105	0.054	<1	1.07	0.018	0.06	0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
523737	Soil	9	17	0.41	93	0.060	<1	1.11	0.016	0.05	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
523738	Soil	8	20	0.36	119	0.035	<1	1.56	0.011	0.05	0.2	0.04	1.6	0.2	0.06	5	<0.5	<0.2
523739	Soil	9	18	0.35	105	0.053	<1	1.22	0.011	0.06	0.2	0.03	2.1	0.1	0.05	4	<0.5	<0.2
523740	Soil	9	18	0.35	107	0.047	1	1.36	0.012	0.06	0.2	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
523741	Soil	9	20	0.38	101	0.050	<1	1.36	0.011	0.06	0.2	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
523742	Soil	8	16	0.30	83	0.038	<1	1.18	0.009	0.05	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
523743	Soil	10	19	0.34	97	0.045	<1	1.38	0.010	0.06	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
523744	Soil	9	15	0.27	99	0.038	<1	1.18	0.014	0.05	0.2	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
523745	Soil	9	25	0.37	148	0.029	<1	1.85	0.009	0.05	0.1	0.06	1.3	0.2	0.06	5	<0.5	<0.2
523746	Soil	12	23	0.37	158	0.037	<1	1.51	0.010	0.06	0.3	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
523747	Soil	11	19	0.29	128	0.042	<1	1.26	0.011	0.05	0.2	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
523748	Soil	15	29	0.45	262	0.045	<1	1.99	0.015	0.07	0.3	0.06	3.2	0.1	<0.05	6	<0.5	<0.2
523749	Soil	12	22	0.28	208	0.035	<1	1.46	0.015	0.06	0.2	0.07	2.4	0.2	0.06	5	<0.5	<0.2
523750	Soil	13	17	0.31	115	0.052	<1	0.95	0.010	0.05	0.2	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
523751	Soil	12	16	0.31	105	0.051	<1	0.79	0.013	0.05	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
523752	Soil	14	17	0.35	128	0.060	<1	0.98	0.011	0.05	0.3	0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
523753	Soil	8	13	0.16	214	0.049	<1	1.14	0.023	0.05	0.2	0.06	2.3	<0.1	<0.05	4	<0.5	<0.2
523754	Soil	14	17	0.28	108	0.045	<1	0.87	0.012	0.05	0.3	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
523755	Soil	14	17	0.28	136	0.036	<1	1.13	0.011	0.06	0.3	0.04	2.0	<0.1	0.05	4	<0.5	<0.2
523756	Soil	12	16	0.24	133	0.037	<1	1.01	0.016	0.06	0.3	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
523757	Soil	18	25	0.37	209	0.041	<1	1.45	0.012	0.07	0.3	0.06	3.4	0.1	<0.05	5	<0.5	<0.2
523758	Soil	18	20	0.29	251	0.027	<1	1.22	0.011	0.07	0.3	0.06	3.1	0.1	<0.05	4	0.5	<0.2
523759	Soil	19	24	0.37	490	0.011	<1	2.36	0.011	0.11	0.2	0.16	5.9	0.3	0.06	6	0.6	0.4
523760	Soil	16	23	0.30	590	0.009	<1	2.26	0.014	0.10	0.1	0.18	4.4	0.2	<0.05	7	0.6	0.3
523761	Soil	20	20	0.38	264	0.047	<1	1.10	0.011	0.09	0.4	0.12	3.1	0.2	<0.05	4	<0.5	0.3

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523762	Soil	0.203	2.0	99.6	32.7	130	1.0	9.4	9.6	1177	2.77	18.2	468.5	3.8	29	4.9	4.0	3.7	70	0.28	0.076
523763	Soil	0.166	5.2	123.9	44.1	163	3.2	8.4	14.7	2056	2.80	27.1	147.5	2.5	30	5.1	7.6	5.5	51	0.24	0.090
523764	Soil	0.183	6.8	94.8	88.3	117	3.6	7.2	9.4	952	2.96	36.9	269.3	5.0	31	1.2	7.2	7.2	47	0.22	0.097
523765	Soil	0.030	4.4	45.8	20.8	49	1.0	3.6	13.9	1057	2.06	11.4	25.9	0.5	20	0.5	2.6	1.3	31	0.13	0.069
523766	Soil	0.037	6.2	55.3	21.2	47	1.1	4.4	10.8	506	2.33	11.9	36.4	0.8	18	0.4	1.8	1.4	46	0.15	0.071
523767	Soil	0.043	5.2	94.1	20.5	72	0.4	6.6	4.8	210	2.52	17.3	103.0	4.4	18	0.5	3.7	1.5	53	0.20	0.068
523768	Soil	0.124	8.4	118.6	25.6	75	1.1	6.9	5.2	257	2.99	21.7	74.6	5.0	23	0.7	4.4	2.1	61	0.20	0.078
523769	Soil	0.111	9.7	136.0	51.9	62	2.7	5.1	7.7	324	2.29	25.8	123.8	1.9	19	0.5	4.4	3.6	33	0.12	0.092
523770	Soil	0.167	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523771	Soil	0.150	17.6	212.4	55.4	60	2.4	5.6	3.7	112	3.35	56.1	142.2	3.7	22	0.4	8.3	6.5	54	0.16	0.073
523772	Soil	0.119	12.3	380.8	39.8	123	2.2	6.6	7.9	599	2.70	39.6	121.1	2.3	35	1.2	7.4	5.0	45	0.23	0.079
523773	Soil	0.055	11.1	253.7	16.9	117	0.4	7.9	5.5	221	2.84	27.9	74.5	3.8	21	0.7	3.7	1.2	54	0.23	0.063
523774	Soil	0.049	6.6	259.3	17.0	88	2.2	5.3	4.0	198	1.41	11.2	45.7	0.7	31	0.6	1.9	0.9	36	0.19	0.052
523775	Soil	0.048	12.6	312.0	21.9	119	0.7	9.1	6.3	232	2.85	28.7	48.0	3.3	34	1.0	2.9	1.2	59	0.28	0.048
523776	Soil	0.056	21.8	601.6	64.4	155	1.4	12.3	7.8	451	3.24	48.2	62.3	2.9	44	3.2	8.4	2.3	57	0.31	0.041
523777	Soil	0.051	7.4	421.4	22.5	139	2.0	13.4	6.2	253	2.04	17.7	52.5	1.7	52	2.0	3.6	0.7	50	0.37	0.050
523778	Soil	0.055	7.4	373.5	23.0	144	1.9	13.2	6.2	252	2.41	18.2	52.6	2.0	50	1.9	3.3	0.7	51	0.38	0.050
523779	Soil	0.025	0.7	14.1	30.7	53	0.7	6.0	4.8	298	1.35	32.4	8.6	1.1	20	0.2	2.0	0.1	37	0.32	0.068
523780	Soil	0.007	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523782	Soil	0.016	0.4	11.1	42.7	77	1.1	8.7	5.4	200	1.15	15.3	15.9	1.3	18	0.5	2.4	0.2	34	0.29	0.068
523783	Soil	0.007	0.5	9.1	28.1	60	0.6	7.4	5.8	332	1.18	18.1	7.1	1.0	17	0.2	1.3	0.2	36	0.26	0.063
523784	Soil	<0.005	0.4	10.7	26.3	60	0.5	7.2	4.0	208	1.12	11.9	4.3	0.7	20	0.2	1.3	0.2	38	0.29	0.066
523785	Soil	<0.005	0.3	6.3	11.9	35	0.1	4.2	3.1	113	0.96	10.5	3.9	0.6	14	<0.1	0.6	<0.1	29	0.21	0.053
523786	Soil	0.010	0.7	12.4	37.4	71	0.5	8.6	7.3	611	1.62	41.4	13.7	2.3	18	0.3	2.4	0.2	40	0.30	0.065
523787	Soil	0.011	0.7	15.5	41.4	75	0.8	11.5	8.1	312	2.09	36.8	12.4	1.7	22	0.2	2.2	0.3	47	0.34	0.080
523788	Soil	0.008	0.7	14.6	34.9	80	0.6	10.5	7.4	435	2.05	36.3	6.7	1.3	23	<0.1	1.8	0.2	45	0.37	0.077
523789	Soil	0.006	0.8	16.2	31.3	71	0.7	9.6	6.7	643	1.66	28.8	9.2	0.8	21	0.3	1.8	0.2	44	0.31	0.070
523790	Soil	0.007	1.1	15.4	37.2	77	0.8	11.3	8.8	495	2.16	35.5	5.8	0.7	21	0.3	2.0	0.2	46	0.30	0.079
523791	Soil	0.013	0.7	16.0	34.1	72	0.7	9.6	6.3	364	1.90	35.4	6.5	1.5	24	<0.1	2.1	0.2	46	0.34	0.080
523792	Soil	0.005	1.0	15.4	33.2	73	0.6	8.7	7.4	493	1.98	32.7	6.4	0.7	22	0.1	1.8	0.2	52	0.29	0.081

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523762	Soil		21	24	0.35	364	0.033	<1	1.24	0.010	0.07	0.3	0.08	2.8	0.2	<0.05	5	<0.5	0.2
523763	Soil		19	15	0.24	307	0.022	<1	1.48	0.011	0.08	0.2	0.28	3.6	0.2	<0.05	4	0.7	0.3
523764	Soil		19	17	0.30	445	0.009	<1	2.13	0.011	0.09	0.2	0.50	4.8	0.4	<0.05	5	0.8	0.2
523765	Soil		8	8	0.13	174	0.014	<1	0.89	0.020	0.05	0.1	0.13	1.3	0.1	<0.05	3	<0.5	<0.2
523766	Soil		9	10	0.20	194	0.028	<1	1.07	0.020	0.07	0.1	0.10	1.7	0.1	<0.05	4	<0.5	<0.2
523767	Soil		15	15	0.34	142	0.035	<1	1.00	0.009	0.07	0.2	0.03	2.2	0.1	<0.05	3	0.6	<0.2
523768	Soil		19	17	0.37	191	0.041	<1	1.22	0.011	0.11	0.3	0.08	2.4	0.2	<0.05	4	0.5	0.2
523769	Soil		15	12	0.25	239	0.007	<1	1.67	0.017	0.11	0.1	0.40	2.3	0.3	<0.05	4	0.9	0.2
523770	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523771	Soil		16	14	0.28	234	0.032	<1	1.22	0.011	0.11	0.3	0.28	2.5	0.2	<0.05	4	1.2	0.4
523772	Soil		17	13	0.29	330	0.027	<1	1.42	0.020	0.10	0.2	0.32	3.3	0.2	<0.05	4	0.8	0.3
523773	Soil		17	18	0.32	161	0.042	<1	0.94	0.010	0.08	0.3	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
523774	Soil		9	10	0.19	280	0.023	2	1.04	0.032	0.05	<0.1	0.14	2.0	0.1	0.05	3	1.2	<0.2
523775	Soil		14	19	0.54	219	0.054	2	1.22	0.015	0.07	0.2	0.03	3.4	0.1	<0.05	5	0.9	<0.2
523776	Soil		19	23	0.44	711	0.034	2	1.48	0.010	0.10	0.2	0.11	3.3	0.2	<0.05	5	2.1	<0.2
523777	Soil		14	21	0.44	460	0.044	3	1.43	0.018	0.08	0.2	0.16	3.6	0.1	<0.05	5	2.0	<0.2
523778	Soil		15	22	0.47	432	0.042	2	1.42	0.020	0.08	0.1	0.13	3.5	0.1	<0.05	5	1.0	<0.2
523779	Soil		11	13	0.29	156	0.033	1	0.92	0.025	0.06	0.2	0.04	1.8	<0.1	<0.05	3	1.1	<0.2
523780	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523782	Soil		12	18	0.42	183	0.028	1	1.21	0.017	0.06	0.2	0.05	2.3	0.2	<0.05	4	<0.5	<0.2
523783	Soil		9	14	0.32	175	0.030	1	0.91	0.027	0.05	0.1	0.03	1.6	<0.1	<0.05	3	0.8	<0.2
523784	Soil		8	14	0.33	169	0.029	1	0.98	0.021	0.05	0.2	0.03	1.6	<0.1	<0.05	3	0.6	<0.2
523785	Soil		4	7	0.17	87	0.037	<1	0.55	0.036	0.04	<0.1	0.01	1.0	<0.1	<0.05	2	1.0	<0.2
523786	Soil		12	16	0.40	168	0.037	2	1.09	0.014	0.06	0.2	0.02	2.3	0.1	<0.05	3	1.0	<0.2
523787	Soil		17	21	0.46	248	0.029	2	1.42	0.014	0.06	0.2	0.05	3.1	0.2	<0.05	4	0.6	<0.2
523788	Soil		13	21	0.46	226	0.027	1	1.39	0.015	0.06	0.2	0.04	2.6	0.1	<0.05	4	0.8	<0.2
523789	Soil		12	19	0.42	212	0.027	2	1.36	0.023	0.05	0.1	0.04	2.4	0.1	<0.05	4	0.9	<0.2
523790	Soil		15	19	0.44	226	0.025	1	1.37	0.016	0.06	0.2	0.05	2.5	0.1	<0.05	4	0.5	<0.2
523791	Soil		15	18	0.45	241	0.041	1	1.25	0.016	0.07	0.2	0.03	2.5	0.2	0.05	4	0.7	<0.2
523792	Soil		12	21	0.46	215	0.035	<1	1.40	0.015	0.06	0.2	0.03	1.9	0.2	0.05	4	0.9	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523793	Soil	0.013	0.8	18.0	38.3	65	1.4	9.6	6.0	293	2.30	43.9	16.1	0.6	22	0.1	2.1	0.2	49	0.31	0.096
523794	Soil	0.006	0.5	14.2	28.5	50	0.7	5.9	3.4	122	1.17	18.9	15.7	0.8	16	0.2	1.3	0.1	31	0.21	0.056
523795	Soil	0.011	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523796	Soil	0.056	0.7	19.5	37.5	70	0.7	8.0	5.4	271	1.57	25.2	16.2	2.0	19	0.3	2.6	0.4	44	0.28	0.066
523797	Soil	0.051	1.4	37.4	29.8	78	0.9	9.9	4.6	115	2.23	18.8	40.0	3.0	24	0.4	2.0	1.0	61	0.29	0.077
523798	Soil	0.080	1.8	62.4	32.4	77	1.5	7.5	8.9	291	2.97	26.6	73.5	2.9	28	1.2	4.5	1.7	63	0.28	0.089
523799	Soil	0.115	2.2	57.7	70.8	142	1.9	9.5	6.8	693	2.43	42.8	123.2	7.2	35	1.0	5.5	3.8	64	0.36	0.067
523802	Soil	0.134	3.1	110.6	48.4	128	3.0	9.1	11.7	1678	2.46	20.1	124.6	3.2	32	2.6	6.4	2.6	43	0.26	0.081
523803	Soil	0.051	3.1	72.8	28.5	85	1.1	9.2	6.3	415	2.29	16.5	58.3	2.0	25	0.9	3.4	1.3	47	0.26	0.080
523804	Soil	0.056	2.7	48.7	27.7	61	0.5	7.2	6.0	417	2.37	14.8	96.8	3.1	18	0.7	3.0	1.0	43	0.23	0.058
523805	Soil	0.178	2.4	45.2	20.4	73	0.4	8.3	7.2	299	2.51	13.7	18.7	3.9	17	0.5	1.8	0.8	50	0.23	0.056
523806	Soil	0.049	2.6	39.9	23.2	59	0.5	7.0	5.3	234	1.76	12.8	232.2	2.9	15	0.4	1.9	0.8	41	0.19	0.057
523807	Soil	0.054	4.5	62.6	36.9	74	1.0	7.7	7.1	248	3.12	25.1	51.3	2.0	20	0.5	3.0	1.5	53	0.17	0.065
523808	Soil	0.029	4.3	51.6	21.1	49	0.5	4.9	6.3	209	1.95	13.0	29.3	2.3	17	0.4	3.4	0.8	41	0.16	0.056
523810	Soil	0.065	7.6	151.0	25.7	56	2.4	5.3	3.8	135	2.66	32.2	64.0	0.7	29	1.0	3.4	1.9	40	0.19	0.075
523811	Soil	0.085	5.3	198.7	17.9	78	0.8	7.0	5.4	236	2.16	12.4	65.0	3.3	23	0.8	2.8	0.8	50	0.26	0.062
523812	Soil	0.033	3.3	197.7	13.8	71	1.2	5.6	5.2	273	1.49	7.9	34.9	1.3	28	0.7	1.7	0.5	37	0.24	0.064
523813	Soil	0.044	8.6	255.9	33.9	121	0.9	9.8	11.0	542	2.98	18.9	41.6	3.3	31	1.3	3.3	1.3	53	0.28	0.061
523814	Soil	0.066	8.1	245.0	29.3	90	0.7	9.8	9.2	417	2.40	15.1	34.9	4.0	28	1.0	3.0	1.2	53	0.31	0.082
523815	Soil	0.182	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523816	Soil	0.045	7.1	313.3	39.9	93	1.3	11.0	6.5	267	2.09	17.2	32.1	1.7	42	1.7	2.4	2.0	43	0.31	0.057
523817	Soil	0.116	1.9	368.4	53.5	88	4.5	10.1	7.3	266	1.59	8.3	103.3	1.6	49	1.4	2.1	2.1	28	0.32	0.127
523818	Soil	0.132	10.7	490.1	75.3	328	3.7	15.5	6.3	494	3.22	57.2	150.8	2.4	59	4.5	9.0	2.8	47	0.43	0.098
523819	Soil	0.071	2.9	150.1	40.5	114	0.7	9.9	4.5	237	2.16	19.9	50.0	3.7	22	1.0	4.4	0.8	42	0.25	0.051
523820	Soil	0.116	5.8	309.5	121.6	190	4.9	11.2	3.8	203	2.35	38.8	122.1	1.9	40	1.8	11.0	1.9	32	0.33	0.080
523821	Soil	0.101	4.8	209.2	112.0	140	3.7	7.2	4.0	270	2.14	66.2	112.6	1.5	36	1.4	20.3	2.0	26	0.27	0.075
523822	Soil	0.108	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523823	Soil	0.021	2.9	117.8	27.9	132	0.9	13.7	5.6	234	2.16	12.5	25.1	2.6	29	0.9	1.5	0.6	46	0.29	0.038
523824	Soil	0.023	5.5	197.5	50.0	157	1.0	12.2	6.5	305	2.44	16.4	24.6	3.0	42	1.6	2.7	1.1	42	0.31	0.054
523825	Soil	0.015	2.0	30.6	46.2	122	0.6	9.8	15.8	978	3.85	24.6	15.6	4.2	27	0.6	3.6	0.3	87	0.48	0.109

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523793	Soil		18	21	0.43	211	0.021	1	1.60	0.016	0.06	0.1	0.08	2.1	0.2	<0.05	5	1.0	<0.2
523794	Soil		10	11	0.28	130	0.030	1	1.00	0.029	0.05	0.1	0.04	1.9	0.1	<0.05	3	0.6	<0.2
523795	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523796	Soil		13	16	0.40	172	0.040	2	1.07	0.016	0.07	0.2	0.03	2.4	0.1	<0.05	4	0.6	<0.2
523797	Soil		16	26	0.39	360	0.030	1	1.78	0.017	0.07	0.3	0.07	3.4	0.2	<0.05	6	1.1	0.2
523798	Soil		14	20	0.22	382	0.015	1	1.81	0.025	0.07	0.1	0.11	3.7	0.2	0.06	5	0.9	<0.2
523799	Soil		18	26	0.51	519	0.016	1	2.07	0.012	0.10	0.2	0.19	4.1	0.3	<0.05	6	1.4	<0.2
523802	Soil		19	20	0.35	427	0.029	2	1.78	0.013	0.09	0.2	0.28	4.2	0.3	<0.05	5	1.5	0.6
523803	Soil		16	20	0.36	332	0.035	1	1.52	0.013	0.08	0.3	0.09	2.7	0.2	<0.05	5	1.0	<0.2
523804	Soil		15	17	0.32	195	0.035	<1	1.02	0.011	0.06	0.2	0.05	1.9	<0.1	<0.05	3	0.6	<0.2
523805	Soil		17	20	0.34	209	0.039	<1	1.10	0.011	0.06	0.3	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
523806	Soil		13	15	0.28	163	0.028	<1	0.98	0.015	0.06	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
523807	Soil		12	18	0.30	296	0.022	2	1.65	0.019	0.08	0.2	0.07	2.3	0.2	<0.05	5	<0.5	<0.2
523808	Soil		12	12	0.21	162	0.031	<1	0.73	0.016	0.06	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
523810	Soil		12	12	0.22	335	0.015	1	1.24	0.023	0.07	0.2	0.17	2.0	0.2	<0.05	4	<0.5	<0.2
523811	Soil		17	19	0.38	212	0.049	2	1.23	0.014	0.09	0.3	0.05	2.7	0.1	<0.05	4	0.6	<0.2
523812	Soil		11	13	0.26	235	0.026	<1	1.03	0.018	0.06	0.1	0.09	1.9	<0.1	<0.05	4	0.5	<0.2
523813	Soil		14	21	0.49	295	0.040	<1	1.41	0.013	0.09	0.3	0.03	2.9	0.1	<0.05	5	<0.5	0.3
523814	Soil		18	23	0.48	207	0.049	<1	1.17	0.011	0.08	0.4	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
523815	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523816	Soil		15	22	0.38	347	0.023	<1	1.30	0.009	0.07	0.4	0.07	2.2	0.1	<0.05	5	<0.5	<0.2
523817	Soil		17	23	0.23	646	0.013	<1	1.96	0.015	0.09	0.4	0.24	3.3	0.3	0.06	6	<0.5	<0.2
523818	Soil		18	26	0.46	456	0.024	<1	1.79	0.011	0.14	0.3	0.26	4.1	0.2	<0.05	5	<0.5	0.4
523819	Soil		14	19	0.35	170	0.039	<1	0.83	0.011	0.07	0.3	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
523820	Soil		10	20	0.27	435	0.011	2	1.46	0.020	0.13	0.4	0.24	2.7	0.2	0.07	5	<0.5	0.3
523821	Soil		5	13	0.17	284	0.012	2	1.08	0.023	0.10	0.2	0.29	1.7	0.2	0.10	3	<0.5	<0.2
523822	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523823	Soil		10	26	0.48	212	0.061	<1	1.38	0.014	0.08	0.2	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
523824	Soil		14	23	0.44	338	0.032	<1	1.06	0.011	0.09	0.4	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
523825	Soil		17	16	0.54	337	0.083	<1	1.04	0.014	0.18	0.2	0.05	7.8	0.2	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523826	Soil	0.038	1.0	49.1	29.9	76	1.7	12.1	9.2	609	2.60	22.8	32.7	2.3	44	0.3	1.4	0.2	70	0.66	0.092
523827	Soil	0.018	1.0	39.3	33.2	96	1.0	11.8	9.5	205	3.03	27.7	19.8	2.1	38	0.5	1.2	0.2	90	0.45	0.075
523828	Soil	0.015	1.6	33.9	45.6	140	0.3	7.3	15.3	932	3.98	59.0	12.4	3.8	34	0.6	1.9	0.2	114	0.56	0.109
523829	Soil	0.021	1.1	31.6	33.2	80	1.3	6.4	7.8	378	2.57	50.8	18.3	2.3	26	0.2	1.5	0.2	88	0.40	0.083
523830	Soil	0.020	1.6	37.2	46.4	92	1.5	7.3	8.5	322	3.63	83.5	17.7	2.7	28	0.3	1.7	0.2	110	0.41	0.086
523831	Soil	0.035	2.1	45.4	49.6	107	0.9	7.1	10.3	452	3.67	112.5	31.8	3.5	22	1.0	4.0	0.4	103	0.37	0.085
523832	Soil	0.036	1.5	44.9	63.5	114	1.0	6.4	13.5	780	3.29	63.2	126.2	3.2	25	0.6	2.3	0.3	122	0.39	0.122
523833	Soil	0.027	1.7	41.9	43.5	105	0.9	9.1	15.7	674	3.53	65.1	21.2	3.5	23	0.5	2.4	0.3	97	0.35	0.075
523834	Soil	0.014	1.2	23.3	26.5	74	0.3	9.3	8.1	353	2.89	49.8	17.9	3.2	19	0.3	0.9	0.2	68	0.28	0.064
523835	Soil	0.063	1.7	31.2	51.1	94	1.0	9.2	7.8	253	2.32	23.9	23.1	2.7	28	0.2	1.7	0.4	118	0.38	0.069
523836	Soil	0.031	1.6	25.7	34.8	85	0.7	8.8	10.3	479	2.77	44.1	14.1	2.9	32	0.5	1.4	0.3	83	0.46	0.064
523837	Soil	0.029	1.4	33.2	36.5	92	0.6	10.7	10.6	374	2.65	62.3	22.3	3.5	23	0.6	1.3	0.3	82	0.33	0.064
523838	Soil	0.027	0.7	21.3	43.3	86	0.6	9.5	7.3	261	1.97	29.6	20.1	2.2	27	0.5	1.1	0.3	55	0.39	0.076
523839	Soil	0.010	0.7	19.0	45.6	82	0.2	9.0	6.1	276	2.00	33.4	9.6	3.1	23	0.6	0.9	0.3	51	0.29	0.052
523840	Soil	0.023	0.8	19.1	33.1	76	0.5	9.7	6.8	494	2.11	25.8	28.7	3.1	28	0.5	0.8	0.3	45	0.40	0.059
523841	Soil	0.017	0.9	14.1	18.7	56	0.3	8.6	5.1	179	1.72	17.0	9.8	3.0	21	0.1	0.6	0.2	42	0.32	0.054
523842	Soil	0.021	1.2	25.4	40.0	88	0.7	8.9	7.5	462	2.25	46.3	35.5	1.6	39	1.0	2.1	0.2	55	0.65	0.077
523843	Soil	0.028	1.0	17.9	39.5	82	0.9	9.5	6.0	263	2.33	44.9	18.0	1.9	29	0.3	1.7	0.3	59	0.40	0.076
523844	Soil	0.025	0.7	16.9	42.4	92	0.6	9.1	7.4	533	2.14	49.3	14.3	1.4	21	0.5	2.1	0.2	44	0.33	0.073
523845	Soil	0.043	0.8	14.7	57.2	92	0.7	8.4	7.8	615	2.13	61.8	17.0	2.4	22	0.3	2.4	0.2	48	0.36	0.073
523846	Soil	0.051	1.1	13.7	56.0	92	0.9	8.3	7.6	423	2.25	57.3	11.2	2.4	18	0.7	2.4	0.3	47	0.25	0.065
523847	Soil	0.022	0.8	16.0	48.3	93	0.8	9.2	7.4	542	2.02	51.4	11.2	1.7	26	0.4	2.2	0.2	47	0.38	0.078
523848	Soil	0.023	0.8	17.9	43.9	85	0.8	9.8	8.8	652	2.28	50.6	19.3	1.7	26	0.2	2.3	0.2	46	0.39	0.072
523849	Soil	0.028	0.7	20.1	51.1	92	1.0	8.0	5.3	209	1.63	32.4	30.6	1.8	30	0.3	1.7	0.3	40	0.39	0.068
523850	Soil	0.028	1.2	29.5	39.3	104	0.9	9.6	8.5	222	2.13	36.2	20.8	1.2	34	0.3	1.8	0.7	43	0.31	0.074
523851	Soil	0.070	5.6	130.3	45.6	68	1.6	6.7	5.4	291	2.16	20.4	82.3	2.3	28	0.6	3.7	2.5	44	0.24	0.070
523852	Soil	0.028	3.4	59.9	13.4	33	0.7	3.4	4.8	248	2.27	11.8	29.6	0.8	18	0.4	2.1	0.9	30	0.13	0.052
523853	Soil	0.085	3.3	79.6	54.6	51	0.6	5.5	4.0	199	1.71	14.9	26.0	2.5	17	0.3	3.2	1.3	34	0.18	0.052
523854	Soil	0.145	3.2	94.8	18.8	69	0.4	7.0	4.8	206	1.91	12.6	21.4	3.1	24	0.7	1.7	0.9	47	0.24	0.060
523855	Soil	0.044	2.7	90.7	12.2	53	0.5	7.7	5.6	225	1.98	8.3	38.9	2.1	23	0.4	1.2	0.6	49	0.22	0.054

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523826	Soil		25	21	0.54	717	0.044	<1	1.83	0.014	0.12	0.1	0.16	9.2	0.2	0.07	5	<0.5	<0.2
523827	Soil		14	23	0.67	455	0.056	<1	1.92	0.014	0.11	0.1	0.11	7.3	0.2	<0.05	6	<0.5	<0.2
523828	Soil		15	15	0.97	304	0.191	<1	1.51	0.020	0.27	0.1	0.01	6.1	0.2	<0.05	5	<0.5	<0.2
523829	Soil		13	15	0.57	208	0.093	2	1.27	0.019	0.13	0.2	0.05	4.7	0.1	<0.05	4	<0.5	<0.2
523830	Soil		14	16	0.70	229	0.105	<1	1.57	0.017	0.14	0.1	0.06	5.3	0.2	<0.05	5	<0.5	<0.2
523831	Soil		16	17	0.63	229	0.089	<1	1.23	0.010	0.14	0.2	0.02	6.7	0.2	<0.05	4	<0.5	<0.2
523832	Soil		16	20	0.71	276	0.101	2	1.36	0.015	0.16	0.1	0.06	6.4	0.2	<0.05	5	<0.5	<0.2
523833	Soil		13	20	0.71	257	0.105	<1	1.46	0.013	0.14	0.2	0.09	5.5	0.2	<0.05	5	<0.5	<0.2
523834	Soil		10	19	0.54	187	0.096	<1	1.01	0.015	0.12	0.2	0.01	2.7	0.1	<0.05	3	<0.5	<0.2
523835	Soil		11	23	0.72	296	0.091	<1	1.72	0.011	0.11	0.1	0.05	4.8	0.2	<0.05	6	<0.5	<0.2
523836	Soil		11	20	0.61	289	0.081	<1	1.53	0.014	0.08	0.2	0.04	4.8	0.2	<0.05	5	<0.5	<0.2
523837	Soil		13	24	0.63	285	0.083	<1	1.58	0.012	0.08	0.1	0.04	4.9	0.1	<0.05	5	<0.5	<0.2
523838	Soil		12	22	0.52	267	0.051	<1	1.38	0.012	0.07	0.2	0.05	4.1	0.1	<0.05	5	<0.5	<0.2
523839	Soil		13	18	0.45	220	0.057	<1	1.07	0.011	0.06	0.2	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
523840	Soil		11	17	0.43	290	0.041	<1	1.16	0.016	0.06	0.3	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
523841	Soil		11	18	0.44	189	0.055	<1	1.03	0.012	0.05	0.2	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
523842	Soil		14	17	0.43	303	0.040	<1	1.09	0.015	0.09	0.2	0.05	2.9	0.1	<0.05	3	<0.5	<0.2
523843	Soil		13	20	0.44	236	0.048	<1	1.23	0.013	0.08	0.3	0.05	3.1	0.1	<0.05	4	<0.5	<0.2
523844	Soil		15	16	0.42	243	0.023	<1	1.17	0.012	0.06	0.2	0.04	2.5	0.1	<0.05	3	<0.5	<0.2
523845	Soil		13	15	0.38	217	0.033	<1	0.92	0.014	0.07	0.2	0.04	2.7	0.1	<0.05	3	<0.5	<0.2
523846	Soil		20	17	0.38	269	0.035	<1	1.11	0.012	0.09	0.3	0.03	2.9	0.1	<0.05	3	<0.5	<0.2
523847	Soil		16	17	0.42	278	0.039	1	1.16	0.015	0.08	0.3	0.06	2.6	0.1	<0.05	4	<0.5	<0.2
523848	Soil		18	16	0.46	249	0.028	1	1.24	0.014	0.07	0.2	0.05	3.1	0.1	<0.05	3	<0.5	<0.2
523849	Soil		14	16	0.43	214	0.036	<1	1.14	0.018	0.07	0.2	0.05	2.8	<0.1	<0.05	4	<0.5	<0.2
523850	Soil		14	16	0.39	283	0.019	1	1.49	0.016	0.05	0.1	0.09	2.3	0.2	0.06	4	<0.5	<0.2
523851	Soil		18	19	0.34	321	0.012	1	1.42	0.011	0.07	0.1	0.17	2.6	0.2	<0.05	4	0.7	<0.2
523852	Soil		8	8	0.12	134	0.024	<1	0.63	0.022	0.04	<0.1	0.08	1.0	<0.1	<0.05	2	<0.5	<0.2
523853	Soil		12	13	0.29	137	0.031	<1	0.80	0.012	0.06	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
523854	Soil		16	17	0.33	208	0.039	1	0.91	0.009	0.06	0.3	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
523855	Soil		14	16	0.32	225	0.043	1	0.88	0.014	0.06	0.2	0.06	1.7	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523856	Soil	0.021	2.3	72.4	8.5	39	0.5	5.5	4.6	186	1.87	6.6	46.5	1.1	20	0.4	0.8	0.4	40	0.18	0.052
523857	Soil	0.045	2.7	96.0	13.1	78	0.8	7.4	5.5	230	1.91	9.4	72.4	1.8	23	0.7	1.2	0.5	42	0.21	0.051
523858	Soil	0.039	3.5	73.8	14.1	66	0.6	8.0	5.9	344	2.05	9.7	53.0	2.6	28	0.4	1.3	0.6	50	0.27	0.064
523859	Soil	0.026	5.9	140.8	13.2	79	0.7	7.8	9.4	790	3.76	9.6	20.5	1.9	46	0.7	2.1	0.6	49	0.31	0.054
523860	Soil	0.042	3.7	196.0	35.7	99	0.9	9.9	5.0	160	1.74	14.9	27.0	4.1	27	1.4	2.4	1.0	52	0.27	0.055
523861	Soil	0.141	2.0	82.6	17.4	69	0.7	8.3	5.5	215	1.98	13.3	38.8	3.0	24	0.9	1.5	0.5	51	0.22	0.045
523862	Soil	0.040	11.8	131.5	26.4	93	1.6	7.0	3.0	186	3.72	33.3	37.9	1.7	33	1.2	3.4	0.8	58	0.27	0.069
523863	Soil	0.084	3.0	307.4	39.6	123	2.5	11.1	2.7	142	2.14	14.2	64.6	1.1	48	2.1	3.3	0.9	36	0.29	0.087
523864	Soil	0.042	2.3	73.5	18.3	64	0.6	6.7	3.5	219	1.75	12.9	29.3	2.0	19	0.5	1.8	0.5	37	0.22	0.050
523865	Soil	0.014	3.5	81.2	40.6	76	1.2	7.8	4.1	209	2.17	21.6	26.6	1.5	25	0.5	3.2	0.9	46	0.22	0.053
523866	Soil	0.063	1.5	45.1	15.6	59	0.3	7.0	3.5	165	1.68	7.1	10.3	2.8	19	0.5	1.7	0.4	36	0.26	0.060
523867	Soil	0.011	1.3	47.9	13.5	60	0.4	7.5	3.0	119	1.49	5.3	71.7	3.2	22	0.7	0.7	0.3	38	0.28	0.060
523868	Soil	0.037	0.6	115.6	12.5	45	1.8	8.6	2.8	89	1.26	4.1	13.9	0.4	80	1.1	0.6	0.3	29	0.54	0.082
523869	Soil	0.022	1.7	53.2	10.5	55	0.5	8.4	3.5	119	1.60	6.1	9.1	1.4	56	0.2	0.8	0.4	34	0.40	0.060
523870	Soil	0.043	12.5	128.0	18.4	73	1.1	8.2	4.8	226	2.60	21.3	87.2	2.8	54	0.3	1.9	1.1	48	0.41	0.075
523871	Soil	0.042	6.6	59.7	16.8	67	0.2	6.9	3.6	154	2.05	15.0	14.9	2.4	49	0.2	1.5	0.7	52	0.36	0.047
523872	Soil	0.038	6.1	303.5	15.3	83	2.7	12.2	5.4	272	2.53	16.9	31.5	1.2	234	1.6	2.9	1.4	48	1.19	0.110
523873	Soil	0.014	5.9	60.7	8.3	47	0.6	9.1	3.5	153	1.81	7.5	13.3	2.8	41	0.1	0.8	1.5	38	0.29	0.038
523874	Soil	0.030	13.1	359.9	15.3	43	1.5	9.6	3.7	187	2.52	12.2	70.9	2.3	144	0.2	1.7	4.9	39	0.77	0.097
523875	Soil	0.046	17.8	428.5	15.6	51	2.0	9.2	4.2	180	2.35	10.3	38.7	2.2	119	1.2	2.1	3.5	33	0.63	0.092
523876	Soil	0.023	1.1	29.4	29.3	77	1.0	10.1	7.1	643	1.94	51.4	21.8	1.4	48	0.3	1.1	0.6	43	0.49	0.051
523877	Soil	0.038	1.1	33.9	37.2	95	1.7	11.7	10.6	394	2.24	30.5	43.8	2.4	47	0.4	1.1	0.6	50	0.46	0.056
523878	Soil	0.018	0.8	16.4	19.6	56	0.5	9.0	8.6	353	1.87	22.3	14.0	2.9	26	0.2	0.8	0.5	37	0.32	0.045
523879	Soil	0.039	1.0	34.4	46.7	141	0.9	7.8	6.4	470	2.06	136.2	33.8	2.6	38	0.8	2.3	0.6	43	0.35	0.058
523880	Soil	0.055	1.5	25.6	89.5	143	1.3	9.3	7.3	354	2.76	102.5	41.8	4.3	39	0.6	1.8	1.1	59	0.44	0.052
523881	Soil	0.064	1.6	36.3	55.7	118	1.1	11.6	7.5	430	2.37	160.0	52.3	2.2	41	0.5	2.5	0.7	49	0.45	0.058
523882	Soil	0.079	1.2	39.3	55.3	96	1.6	9.8	7.1	611	2.56	129.5	67.4	1.7	50	0.1	2.7	0.7	45	0.56	0.081
523883	Soil	0.085	2.3	46.0	56.7	118	2.0	7.0	6.5	568	2.72	289.1	73.6	1.5	54	1.0	5.1	1.0	47	0.59	0.069
523884	Soil	0.099	2.2	32.7	65.0	134	1.0	9.4	6.2	454	2.39	172.9	70.0	3.0	36	0.8	4.3	1.2	44	0.42	0.054
523885	Soil	0.071	1.5	70.1	100.3	238	1.1	8.5	11.5	881	3.82	115.7	60.3	7.3	42	2.1	5.2	1.4	77	0.51	0.095

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523856	Soil		11	12	0.23	172	0.033	<1	0.68	0.017	0.05	0.2	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
523857	Soil		11	16	0.34	155	0.042	<1	0.96	0.014	0.06	0.3	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
523858	Soil		13	18	0.39	167	0.040	<1	1.02	0.014	0.06	0.4	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
523859	Soil		11	15	0.24	266	0.037	2	1.18	0.019	0.07	0.3	0.05	2.0	<0.1	<0.05	4	<0.5	<0.2
523860	Soil		19	23	0.45	300	0.049	<1	1.28	0.012	0.08	0.4	0.07	2.5	0.1	<0.05	4	<0.5	<0.2
523861	Soil		13	17	0.38	218	0.049	<1	1.01	0.012	0.06	0.3	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
523862	Soil		12	16	0.28	206	0.022	1	1.10	0.008	0.06	0.2	0.12	1.8	0.1	<0.05	3	<0.5	<0.2
523863	Soil		14	19	0.28	438	0.022	3	1.54	0.017	0.11	0.2	0.18	2.9	0.2	0.16	4	<0.5	<0.2
523864	Soil		11	14	0.27	137	0.033	<1	0.73	0.012	0.06	0.3	0.05	1.5	<0.1	<0.05	3	<0.5	<0.2
523865	Soil		11	18	0.33	179	0.036	<1	1.23	0.012	0.09	0.2	0.07	1.9	0.2	<0.05	4	<0.5	<0.2
523866	Soil		12	15	0.28	95	0.037	<1	0.76	0.009	0.06	0.2	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
523867	Soil		15	16	0.30	155	0.044	<1	0.82	0.010	0.06	0.3	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
523868	Soil		11	16	0.22	253	0.024	<1	0.90	0.016	0.05	0.2	0.12	1.3	<0.1	0.10	3	<0.5	<0.2
523869	Soil		10	16	0.32	148	0.027	1	1.04	0.011	0.06	0.3	0.04	1.5	<0.1	0.06	4	<0.5	<0.2
523870	Soil		15	17	0.38	170	0.030	<1	1.07	0.009	0.06	0.3	0.07	2.1	0.1	<0.05	4	<0.5	<0.2
523871	Soil		11	15	0.42	115	0.045	2	0.86	0.017	0.06	0.3	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
523872	Soil		12	20	0.35	584	0.028	3	1.37	0.017	0.09	0.2	0.18	2.5	0.2	0.19	4	0.7	<0.2
523873	Soil		10	18	0.43	155	0.053	<1	1.01	0.016	0.06	0.2	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
523874	Soil		17	16	0.37	258	0.025	3	1.27	0.012	0.08	0.2	0.09	2.2	0.2	0.09	3	1.1	<0.2
523875	Soil		17	19	0.36	443	0.013	1	1.38	0.012	0.07	0.3	0.20	2.7	0.1	0.08	4	0.5	0.2
523876	Soil		9	17	0.44	310	0.039	1	1.29	0.015	0.07	0.1	0.04	3.0	0.1	<0.05	4	<0.5	<0.2
523877	Soil		13	22	0.53	414	0.032	1	1.86	0.015	0.13	0.1	0.09	5.8	0.2	<0.05	5	<0.5	<0.2
523878	Soil		11	15	0.45	211	0.056	<1	1.00	0.014	0.08	0.1	0.03	2.5	0.1	<0.05	3	<0.5	<0.2
523879	Soil		11	13	0.38	274	0.056	<1	0.90	0.021	0.09	0.1	0.05	3.4	0.1	<0.05	3	<0.5	<0.2
523880	Soil		15	18	0.62	383	0.060	<1	1.40	0.014	0.11	0.2	0.08	6.3	0.1	<0.05	5	<0.5	<0.2
523881	Soil		14	19	0.49	415	0.031	1	1.46	0.013	0.08	0.2	0.11	4.6	0.2	0.05	4	<0.5	<0.2
523882	Soil		15	16	0.34	526	0.023	1	1.41	0.016	0.09	<0.1	0.19	4.4	0.3	0.06	4	<0.5	<0.2
523883	Soil		11	11	0.24	421	0.015	<1	1.23	0.019	0.07	0.1	0.18	3.5	0.1	<0.05	4	<0.5	<0.2
523884	Soil		14	19	0.43	368	0.025	<1	1.21	0.011	0.08	0.2	0.09	4.0	0.2	<0.05	3	<0.5	<0.2
523885	Soil		19	15	0.56	509	0.049	1	1.26	0.015	0.14	0.2	0.08	6.2	0.1	<0.05	4	<0.5	0.3

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523886	Soil	0.050	2.2	22.9	71.7	161	0.6	7.0	6.4	395	2.50	114.8	37.3	4.6	25	0.7	7.6	1.0	50	0.40	0.059
523887	Soil	0.101	2.7	46.7	83.3	156	2.6	8.8	6.3	608	2.51	194.2	104.4	2.1	40	0.9	5.5	1.4	44	0.63	0.083
523888	Soil	0.091	1.9	21.5	96.5	146	1.9	8.9	6.4	320	2.16	96.5	82.8	4.5	27	0.7	4.1	4.0	43	0.39	0.061
523889	Soil	0.106	2.7	48.3	71.6	192	1.5	11.2	8.5	824	3.01	98.2	93.6	2.7	60	2.0	5.5	4.2	41	0.77	0.087
523890	Soil	0.083	1.8	49.3	40.3	103	1.7	8.8	10.6	1704	1.79	39.0	95.5	1.6	40	2.3	4.5	1.9	34	0.50	0.091
523891	Soil	0.221	4.7	46.3	57.1	70	2.2	5.3	5.3	211	2.54	74.9	225.0	1.5	42	0.5	27.7	13.2	29	0.26	0.069
523892	Soil	0.423	5.5	102.2	161.6	136	7.4	11.7	4.6	135	5.43	109.9	429.7	8.5	68	1.3	19.2	21.6	47	0.46	0.142
523893	Soil	0.178	6.5	57.9	112.5	102	3.7	7.2	4.8	122	4.46	94.1	230.8	8.3	43	0.4	19.1	17.1	41	0.24	0.089
523894	Soil	0.089	5.1	30.6	83.1	86	2.0	6.0	9.4	266	4.69	70.8	91.1	5.0	35	0.4	14.5	7.4	43	0.30	0.076
523895	Soil	0.107	2.6	57.6	84.2	176	1.2	10.7	7.7	272	3.12	99.8	111.5	5.4	27	1.4	6.1	3.4	48	0.29	0.083
523896	Soil	0.053	2.2	38.3	62.9	144	1.5	9.5	8.2	556	3.46	176.6	57.0	2.2	52	1.6	4.0	2.3	47	0.64	0.092
523897	Soil	0.033	1.5	26.4	50.1	114	0.8	7.7	7.4	703	2.90	105.4	88.4	3.1	30	1.4	3.0	0.8	44	0.48	0.081
523898	Soil	0.023	1.5	25.8	52.3	125	1.1	11.3	12.3	1737	2.98	89.4	23.8	2.0	47	1.5	2.3	0.3	53	0.79	0.086
523899	Soil	0.020	1.1	21.2	44.8	110	1.0	9.7	9.1	308	1.39	23.2	23.0	2.0	30	0.9	1.8	0.3	41	0.46	0.078
523900	Soil	0.035	1.2	37.0	43.1	117	0.8	9.0	7.2	193	1.83	19.7	34.5	2.5	33	0.8	1.9	0.6	46	0.46	0.075
523901	Soil	0.030	1.9	62.4	41.7	113	0.8	9.4	7.4	158	1.31	15.7	24.4	2.5	30	1.3	2.7	0.7	48	0.39	0.070
523902	Soil	0.106	3.7	104.4	46.9	141	0.9	10.3	10.5	154	1.43	31.3	145.4	2.9	40	1.9	3.9	1.1	51	0.47	0.073
523903	Soil	0.019	2.7	89.7	18.8	58	0.3	7.8	5.1	167	1.81	10.1	15.7	3.6	19	0.5	1.6	0.7	41	0.28	0.059
523904	Soil	0.042	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523905	Soil	0.061	2.5	60.5	20.2	64	0.4	9.4	5.5	201	2.39	11.4	42.0	3.7	20	0.5	1.8	0.6	64	0.19	0.047
523906	Soil	0.027	2.3	86.7	17.0	102	0.6	9.0	5.1	247	2.03	13.2	42.9	3.0	21	0.7	1.9	0.4	47	0.25	0.059
523907	Soil	0.092	4.3	144.4	31.4	149	1.6	10.2	10.2	1735	2.51	17.9	37.3	2.3	36	3.2	3.3	0.7	52	0.34	0.083
523908	Soil	0.046	4.5	141.6	31.9	138	1.6	9.4	11.8	1702	2.78	23.8	51.8	2.0	28	2.5	3.1	0.7	52	0.27	0.070
523909	Soil	0.028	2.8	127.7	21.8	107	1.0	10.6	4.9	234	2.31	15.2	245.8	1.9	26	1.3	2.3	0.5	52	0.31	0.070
523910	Soil	0.025	1.5	41.3	17.3	50	0.4	6.9	3.6	135	1.87	11.3	33.7	3.4	15	0.4	1.7	0.3	44	0.22	0.048
523911	Soil	0.060	2.9	79.3	20.6	67	0.5	7.4	4.0	139	2.18	9.6	26.4	2.9	20	0.8	2.4	0.3	66	0.29	0.078
523912	Soil	0.024	2.2	54.9	18.2	59	0.2	7.1	4.3	136	1.37	7.7	37.6	3.4	20	0.4	1.3	0.4	39	0.28	0.061
523913	Soil	0.029	5.6	131.9	42.1	72	0.8	11.5	6.5	217	2.80	27.2	48.4	4.4	30	0.6	1.9	0.8	72	0.34	0.059
523914	Soil	0.010	2.6	50.3	10.7	40	0.7	6.1	4.0	183	1.25	7.8	8.0	1.4	37	0.3	0.8	0.3	39	0.30	0.044
523915	Soil	0.107	3.0	113.0	18.8	60	0.8	11.0	4.5	150	2.27	12.7	36.6	2.8	45	0.6	1.3	0.5	55	0.42	0.061

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523886	Soil		13	15	0.38	216	0.042	1	0.87	0.012	0.07	0.2	0.04	3.4	<0.1	<0.05	3	<0.5	<0.2
523887	Soil		15	16	0.32	407	0.021	1	1.42	0.019	0.09	0.2	0.22	4.3	0.2	<0.05	4	<0.5	0.3
523888	Soil		13	20	0.43	243	0.040	<1	1.14	0.014	0.07	0.2	0.05	3.0	0.2	<0.05	4	<0.5	<0.2
523889	Soil		13	19	0.34	445	0.021	2	1.08	0.016	0.08	0.1	0.14	3.8	0.2	0.07	3	0.9	0.5
523890	Soil		11	16	0.24	439	0.023	2	1.05	0.029	0.06	0.1	0.15	3.1	0.2	0.08	3	<0.5	0.3
523891	Soil		11	9	0.14	227	0.028	<1	0.69	0.032	0.09	0.1	0.09	1.5	0.1	0.07	3	0.8	1.6
523892	Soil		21	21	0.36	723	0.007	1	1.88	0.015	0.12	0.1	0.57	6.8	0.4	0.08	5	1.3	1.4
523893	Soil		25	17	0.35	346	0.014	<1	1.20	0.015	0.08	0.1	0.17	3.5	0.3	<0.05	4	0.8	1.3
523894	Soil		14	16	0.39	308	0.017	<1	1.16	0.014	0.07	0.2	0.09	2.6	0.3	<0.05	4	0.9	0.9
523895	Soil		16	22	0.37	351	0.027	<1	1.07	0.013	0.08	0.2	0.10	4.9	0.2	<0.05	4	0.8	0.6
523896	Soil		13	20	0.41	554	0.021	2	1.51	0.024	0.07	0.1	0.13	4.0	0.2	0.23	4	0.6	0.3
523897	Soil		14	15	0.38	269	0.035	1	0.99	0.015	0.07	0.2	0.05	3.2	0.1	<0.05	3	0.7	<0.2
523898	Soil		17	19	0.50	427	0.030	1	1.42	0.020	0.09	0.1	0.09	3.8	0.2	<0.05	4	<0.5	<0.2
523899	Soil		15	18	0.49	329	0.035	1	1.34	0.018	0.08	0.2	0.08	3.5	0.2	0.07	4	<0.5	<0.2
523900	Soil		15	16	0.40	289	0.037	1	1.19	0.017	0.07	0.2	0.07	3.0	0.1	<0.05	4	<0.5	<0.2
523901	Soil		17	18	0.43	305	0.036	<1	1.34	0.017	0.07	0.2	0.05	3.2	0.2	<0.05	4	<0.5	<0.2
523902	Soil		18	19	0.43	339	0.026	<1	1.35	0.016	0.07	0.2	0.06	3.1	0.2	0.08	4	<0.5	<0.2
523903	Soil		12	14	0.29	149	0.048	1	0.72	0.014	0.06	0.3	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
523904	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523905	Soil		13	22	0.37	128	0.064	2	1.31	0.010	0.05	0.4	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
523906	Soil		12	19	0.38	229	0.046	<1	1.06	0.013	0.07	0.3	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
523907	Soil		15	24	0.39	367	0.030	<1	1.40	0.011	0.08	0.3	0.10	2.6	0.1	<0.05	5	<0.5	<0.2
523908	Soil		12	21	0.35	325	0.030	<1	1.36	0.010	0.07	0.3	0.08	2.7	0.1	<0.05	5	<0.5	<0.2
523909	Soil		13	23	0.41	265	0.041	1	1.38	0.013	0.09	0.2	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
523910	Soil		11	15	0.29	87	0.047	<1	0.80	0.011	0.06	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
523911	Soil		16	23	0.32	176	0.054	<1	1.18	0.014	0.06	0.5	0.03	1.9	<0.1	<0.05	5	0.7	<0.2
523912	Soil		11	15	0.36	122	0.045	<1	0.78	0.013	0.06	0.3	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
523913	Soil		14	24	0.53	225	0.057	<1	1.46	0.014	0.09	0.3	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
523914	Soil		9	14	0.30	127	0.041	<1	0.84	0.019	0.05	0.1	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
523915	Soil		16	22	0.43	300	0.043	<1	1.38	0.012	0.08	0.3	0.06	2.6	<0.1	<0.05	5	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523916	Soil	0.014	2.6	32.5	12.1	41	0.2	6.6	3.4	127	1.87	10.3	231.8	3.7	32	0.2	1.0	0.4	48	0.36	0.062
523917	Soil	0.021	5.1	91.4	20.6	56	0.6	11.8	5.4	182	2.92	15.5	14.6	3.9	41	0.3	1.6	0.7	66	0.38	0.053
523918	Soil	0.031	4.2	72.5	16.3	61	0.5	10.7	5.2	164	2.26	10.2	33.2	3.8	36	0.2	1.4	0.6	60	0.35	0.049
523919	Soil	0.035	3.7	51.7	13.2	50	0.2	10.0	4.8	187	2.16	10.3	5.6	4.4	26	0.1	1.2	0.5	56	0.32	0.065
523920	Soil	0.196	10.4	80.4	16.7	55	0.6	7.3	4.1	146	2.25	11.4	206.1	3.4	32	0.4	2.0	0.7	47	0.34	0.072
523921	Soil	0.021	6.4	337.3	22.9	63	1.3	9.5	5.9	178	1.26	11.8	22.4	3.4	33	0.6	2.3	1.0	41	0.34	0.067
523922	Soil	0.028	10.3	365.5	12.2	58	1.2	7.2	5.0	257	1.92	10.6	27.5	2.3	31	0.8	1.7	1.4	41	0.29	0.064
523923	Soil	0.091	9.9	184.2	15.3	59	0.4	9.4	4.1	186	2.14	12.8	24.6	3.8	26	0.4	1.6	2.2	52	0.31	0.061
523924	Soil	0.018	2.7	112.1	10.4	48	1.3	6.6	3.2	161	1.31	6.8	17.5	0.8	80	0.5	0.9	1.0	27	0.47	0.077
523925	Soil	0.064	8.9	244.1	42.3	171	2.4	10.5	9.2	379	3.09	18.4	60.8	2.6	94	2.4	2.9	1.5	38	0.51	0.087
523926	Soil	0.046	10.0	271.6	48.3	242	1.0	13.6	14.7	332	3.46	25.2	39.6	5.0	62	2.4	3.2	1.7	47	0.37	0.098
523927	Soil	0.056	12.1	232.0	42.2	207	2.6	13.0	17.3	1220	3.99	12.0	55.6	3.2	125	5.4	3.3	1.2	41	0.74	0.087
523928	Soil	0.049	6.0	130.9	46.5	153	1.3	10.2	9.0	402	2.29	23.7	51.9	4.8	60	1.7	2.6	1.2	55	0.42	0.083
523929	Soil	0.069	2.9	31.5	50.7	85	0.9	12.5	7.0	334	2.26	169.9	64.8	2.5	34	0.4	2.7	1.3	45	0.38	0.036
523930	Soil	0.146	2.2	14.6	76.9	81	0.8	9.7	4.4	209	1.74	84.5	35.4	2.6	26	0.3	2.0	1.2	36	0.30	0.055
523931	Soil	0.046	3.5	21.6	47.6	85	0.9	10.6	4.5	201	2.08	101.9	30.6	2.3	29	0.4	2.0	1.0	42	0.33	0.037
523932	Soil	0.134	3.7	36.7	71.2	125	1.2	9.7	6.5	537	2.09	158.7	66.7	2.9	32	0.6	3.4	2.5	41	0.33	0.055
523933	Soil	0.054	3.0	37.1	51.1	112	1.2	9.3	5.8	402	1.94	93.4	66.9	1.7	33	0.7	2.2	1.5	44	0.47	0.049
523934	Soil	0.053	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523935	Soil	0.063	1.5	24.0	46.1	109	1.4	7.8	3.3	140	1.42	53.3	460.4	3.2	25	1.3	2.5	1.5	35	0.36	0.059
523936	Soil	0.028	1.8	17.5	38.5	99	0.6	9.0	6.6	318	1.89	70.8	23.4	3.4	25	0.6	1.7	1.0	39	0.34	0.046
523937	Soil	0.151	2.6	41.6	74.9	116	2.6	10.3	8.0	934	2.57	75.7	168.1	4.7	35	0.9	12.7	6.6	42	0.39	0.068
523938	Soil	0.370	2.6	65.7	200.3	179	3.5	5.2	6.1	710	3.31	136.1	254.4	7.6	21	1.8	59.4	16.9	37	0.20	0.069
523939	Soil	0.297	1.4	83.2	103.3	95	7.4	12.1	6.1	1079	2.85	117.9	304.1	3.7	81	1.7	14.5	15.4	38	0.91	0.131
523940	Soil	0.138	2.5	60.1	72.1	134	2.6	11.2	9.0	407	2.80	90.8	113.9	5.9	28	1.4	10.7	7.6	52	0.37	0.072
523941	Soil	0.090	1.7	59.9	94.3	133	1.8	9.8	8.2	305	2.44	73.6	90.0	6.0	30	1.2	7.9	6.2	50	0.39	0.066
523942	Soil	0.148	2.7	81.1	116.2	121	1.0	8.3	8.3	331	3.36	111.3	151.2	7.9	28	0.8	13.3	13.8	41	0.29	0.057
523943	Soil	0.060	1.8	32.8	48.3	100	1.1	8.2	8.2	667	2.17	38.1	47.6	3.1	34	1.0	3.3	3.0	43	0.40	0.078
523944	Soil	0.108	1.8	51.8	64.8	119	1.5	10.9	7.8	353	2.81	61.7	139.0	4.4	40	1.0	5.5	5.3	48	0.49	0.083
523945	Soil	0.066	1.9	54.9	45.9	110	0.3	6.9	7.6	401	3.17	29.8	68.7	6.9	42	0.6	2.9	1.9	36	0.27	0.051

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523916	Soil	13	16	0.32	109	0.048	<1	0.79	0.010	0.06	0.3	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
523917	Soil	12	25	0.46	208	0.058	1	1.63	0.012	0.08	0.4	0.03	2.7	<0.1	<0.05	6	0.7	<0.2
523918	Soil	12	25	0.54	257	0.080	1	1.27	0.014	0.07	0.2	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
523919	Soil	13	21	0.38	146	0.058	<1	1.00	0.013	0.07	0.4	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
523920	Soil	13	16	0.34	153	0.036	<1	0.95	0.012	0.06	0.3	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
523921	Soil	17	22	0.39	246	0.043	1	1.30	0.012	0.08	0.3	0.06	2.6	0.1	<0.05	5	0.5	<0.2
523922	Soil	15	16	0.26	231	0.031	2	1.01	0.015	0.06	0.2	0.07	2.3	<0.1	<0.05	3	<0.5	<0.2
523923	Soil	15	21	0.42	186	0.058	1	1.11	0.010	0.09	0.4	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
523924	Soil	8	12	0.18	286	0.025	1	1.06	0.025	0.05	0.1	0.08	1.6	<0.1	0.06	3	0.5	<0.2
523925	Soil	15	16	0.37	371	0.017	2	1.60	0.015	0.08	0.2	0.22	3.3	0.2	0.06	4	0.9	<0.2
523926	Soil	19	20	0.42	360	0.025	2	1.52	0.011	0.07	0.2	0.14	4.4	0.2	<0.05	4	0.8	<0.2
523927	Soil	18	15	0.34	612	0.023	3	1.39	0.016	0.08	0.2	0.24	4.0	0.2	0.08	4	0.9	<0.2
523928	Soil	17	19	0.43	351	0.031	1	1.54	0.013	0.08	0.2	0.16	4.6	0.2	<0.05	4	<0.5	<0.2
523929	Soil	11	23	0.45	282	0.039	<1	1.22	0.011	0.08	0.2	0.04	3.5	0.1	<0.05	4	<0.5	<0.2
523930	Soil	8	18	0.38	134	0.053	<1	0.86	0.013	0.08	0.2	0.01	2.1	0.1	<0.05	3	<0.5	<0.2
523931	Soil	9	21	0.39	254	0.041	<1	1.12	0.012	0.07	0.2	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
523932	Soil	11	20	0.38	283	0.032	<1	1.17	0.015	0.07	0.2	0.05	3.1	0.1	<0.05	4	<0.5	<0.2
523933	Soil	10	18	0.28	309	0.031	2	1.18	0.015	0.08	0.1	0.06	3.1	0.1	<0.05	4	<0.5	<0.2
523934	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
523935	Soil	13	16	0.31	136	0.045	<1	0.87	0.017	0.07	0.1	0.07	2.7	0.1	<0.05	3	<0.5	<0.2
523936	Soil	11	19	0.36	174	0.047	<1	0.96	0.011	0.06	0.2	0.03	2.4	0.1	<0.05	3	<0.5	<0.2
523937	Soil	14	21	0.35	247	0.023	1	1.22	0.011	0.10	0.1	0.24	4.0	0.2	<0.05	4	0.6	0.5
523938	Soil	18	9	0.15	219	0.017	1	0.51	0.006	0.08	0.2	0.43	3.8	0.3	<0.05	2	0.7	0.9
523939	Soil	16	16	0.16	601	0.008	2	1.41	0.014	0.07	0.1	0.64	6.0	0.4	0.14	4	0.8	0.9
523940	Soil	17	21	0.39	359	0.013	<1	1.49	0.008	0.07	0.2	0.26	4.9	0.3	<0.05	4	<0.5	0.6
523941	Soil	16	20	0.40	292	0.013	<1	1.30	0.008	0.06	0.1	0.17	4.0	0.2	<0.05	4	<0.5	0.5
523942	Soil	21	16	0.32	243	0.013	<1	0.97	0.007	0.09	0.1	0.09	3.4	0.3	<0.05	3	<0.5	0.6
523943	Soil	13	14	0.34	295	0.028	<1	1.06	0.015	0.06	0.2	0.05	2.9	0.1	<0.05	3	<0.5	0.2
523944	Soil	16	20	0.41	308	0.015	1	1.30	0.010	0.07	0.2	0.14	3.8	0.2	<0.05	4	<0.5	0.4
523945	Soil	17	12	0.27	221	0.021	<1	0.80	0.031	0.13	0.2	<0.01	2.0	0.1	0.21	3	0.5	0.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523946	Soil	0.069	2.7	46.8	47.2	91	0.4	9.0	7.8	314	3.32	30.6	55.3	6.0	34	0.3	4.0	3.0	43	0.32	0.051
523947	Soil	0.076	3.0	49.4	53.1	67	1.2	5.5	5.0	284	2.92	28.4	66.1	4.1	33	0.5	5.0	2.5	35	0.33	0.067
523948	Soil	0.080	6.2	141.0	76.9	134	0.7	6.3	9.4	340	4.96	75.2	92.0	9.8	55	0.4	7.4	2.4	33	0.23	0.070
523949	Soil	0.103	5.4	84.7	56.9	67	0.8	6.0	13.1	763	3.90	69.3	126.9	5.3	40	0.7	6.3	2.1	37	0.29	0.060
523950	Soil	0.123	5.0	68.1	31.3	60	0.5	5.3	8.9	313	2.06	31.9	72.4	3.5	30	0.3	4.0	1.8	31	0.22	0.060
523951	Soil	0.124	17.9	188.9	89.7	80	1.3	7.3	9.3	227	4.41	57.7	431.6	8.7	43	0.4	10.9	4.3	51	0.24	0.107
523952	Soil	0.196	6.4	115.9	100.6	168	1.7	11.1	14.0	930	4.62	97.9	177.2	8.9	48	1.4	11.0	9.4	50	0.33	0.092
523953	Soil	0.039	3.5	53.6	35.3	71	0.5	7.6	4.9	176	2.33	53.2	24.2	4.4	25	0.4	2.3	0.6	54	0.33	0.076
523954	Soil	0.037	3.2	92.1	44.2	84	0.6	7.7	6.4	131	1.34	27.1	37.3	2.6	40	1.2	3.2	1.3	41	0.33	0.072
523955	Soil	0.036	1.7	28.4	43.8	118	0.8	10.1	10.0	227	1.52	25.7	24.3	2.7	41	0.8	1.9	0.9	44	0.43	0.070
523956	Soil	0.023	3.6	30.5	45.8	130	0.9	10.9	12.9	1014	3.07	57.6	28.8	3.6	46	1.1	1.6	0.6	43	0.46	0.081
523957	Soil	0.030	1.5	32.9	51.5	145	1.0	11.9	9.6	381	2.01	31.0	29.2	2.8	48	1.3	1.9	0.7	48	0.53	0.075
523958	Soil	0.025	1.9	53.3	38.8	133	0.8	9.9	8.5	337	2.60	48.0	34.1	3.7	36	1.4	1.7	0.6	43	0.43	0.076
523959	Soil	0.032	1.1	38.9	31.3	98	0.5	7.4	5.8	224	1.28	15.5	15.8	3.0	29	1.0	1.4	0.5	40	0.35	0.066
523960	Soil	0.022	1.3	55.5	41.2	121	0.7	9.7	6.9	222	1.77	23.0	24.0	3.1	36	1.3	1.9	0.6	45	0.41	0.067
523961	Soil	0.026	2.0	72.4	45.7	118	0.8	9.6	7.9	153	1.16	18.0	23.0	2.4	37	1.4	1.8	0.5	41	0.39	0.074
523962	Soil	0.037	2.8	71.3	28.5	91	0.4	6.6	6.4	170	2.26	24.7	25.0	5.3	33	1.2	1.7	0.5	44	0.36	0.071
523963	Soil	0.027	7.7	122.3	32.3	192	0.8	9.9	9.5	330	4.07	64.2	34.9	4.1	47	3.2	2.4	0.7	53	0.40	0.091
523964	Soil	0.057	6.1	186.4	45.5	101	0.9	10.6	5.7	138	1.78	22.5	41.8	7.7	29	0.9	3.1	0.9	63	0.35	0.073
523965	Soil	0.075	5.3	149.5	38.5	95	0.9	10.1	7.7	152	2.50	13.1	80.0	8.7	36	0.7	2.3	0.9	78	0.41	0.084
523966	Soil	0.044	3.0	99.6	25.9	64	0.3	7.3	4.2	103	1.49	9.8	16.5	5.1	28	0.6	1.9	0.6	47	0.35	0.061
523967	Soil	0.022	2.9	70.8	14.7	49	0.2	8.2	4.6	143	2.11	10.1	258.1	5.4	27	0.4	1.2	0.6	54	0.34	0.075
523968	Soil	0.039	4.4	112.5	21.5	65	0.4	8.1	5.2	126	2.13	14.5	22.8	5.4	37	0.5	1.7	0.6	55	0.38	0.064
523969	Soil	0.022	3.9	109.3	19.0	67	0.5	7.6	5.6	110	1.47	10.9	11.3	5.7	34	0.7	2.0	0.7	49	0.34	0.065
523970	Soil	0.014	7.2	88.3	19.8	107	0.6	7.6	11.0	739	5.89	79.4	12.7	3.3	76	2.9	1.7	0.8	56	0.63	0.091
523971	Soil	0.026	1.6	88.0	20.7	65	0.4	5.8	3.2	93	1.03	8.0	13.0	4.3	39	0.7	1.0	0.7	29	0.41	0.069
523972	Soil	0.110	4.5	153.0	18.0	71	0.3	8.4	5.4	192	2.69	12.5	24.9	6.7	30	0.6	1.7	0.7	59	0.34	0.073
523973	Soil	0.163	3.8	253.7	39.5	139	1.2	11.1	6.2	161	1.90	14.8	29.4	6.6	45	1.6	2.1	1.0	52	0.40	0.068
523974	Soil	0.033	7.2	243.3	38.6	157	0.9	11.7	8.1	233	1.84	26.9	37.3	4.3	57	3.1	2.4	0.8	42	0.43	0.072
523975	Soil	0.030	2.9	301.0	32.0	151	1.8	11.8	6.7	214	1.48	9.0	30.6	3.2	59	5.2	1.6	0.6	40	0.45	0.074

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523946	Soil	19	20	0.43	241	0.032	<1	1.10	0.012	0.11	0.2	0.03	2.6	0.2	0.08	4	<0.5	0.5
523947	Soil	16	10	0.25	283	0.009	1	1.00	0.014	0.07	0.1	0.06	1.8	0.2	<0.05	3	<0.5	0.4
523948	Soil	22	12	0.33	389	0.010	<1	1.05	0.008	0.13	0.1	0.05	2.7	0.2	0.09	3	1.2	0.5
523949	Soil	18	11	0.25	337	0.006	<1	1.15	0.010	0.06	0.1	0.06	2.7	0.3	0.05	3	0.7	0.3
523950	Soil	13	10	0.23	242	0.019	<1	0.87	0.016	0.06	0.2	0.03	1.8	0.2	0.06	3	<0.5	0.4
523951	Soil	22	17	0.50	348	0.008	<1	1.58	0.008	0.08	0.2	0.10	4.0	0.3	0.06	4	1.5	0.5
523952	Soil	20	15	0.33	320	0.011	<1	1.04	0.011	0.13	0.2	0.13	5.7	0.2	0.19	3	1.0	1.0
523953	Soil	15	16	0.42	175	0.051	1	0.99	0.013	0.07	0.2	0.03	2.8	0.1	<0.05	3	<0.5	<0.2
523954	Soil	14	13	0.33	245	0.017	<1	1.18	0.015	0.05	0.1	0.05	2.7	0.2	0.13	3	<0.5	<0.2
523955	Soil	16	18	0.42	281	0.028	1	1.43	0.015	0.07	0.2	0.05	3.5	0.2	0.10	4	<0.5	<0.2
523956	Soil	16	18	0.42	399	0.029	1	1.35	0.016	0.07	0.2	0.07	4.0	0.2	0.10	4	<0.5	<0.2
523957	Soil	17	21	0.48	356	0.028	2	1.58	0.018	0.08	0.2	0.08	4.4	0.2	0.11	4	<0.5	<0.2
523958	Soil	15	18	0.42	348	0.033	3	1.33	0.018	0.06	0.2	0.06	3.5	0.1	<0.05	4	<0.5	<0.2
523959	Soil	13	14	0.37	245	0.036	1	1.03	0.016	0.06	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
523960	Soil	16	17	0.44	316	0.035	2	1.30	0.018	0.07	0.2	0.05	3.3	0.1	<0.05	4	<0.5	<0.2
523961	Soil	15	17	0.42	288	0.033	2	1.27	0.018	0.06	0.2	0.04	3.2	0.2	<0.05	4	<0.5	<0.2
523962	Soil	15	14	0.40	184	0.041	<1	0.84	0.015	0.06	0.2	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
523963	Soil	14	16	0.37	304	0.029	2	1.33	0.028	0.06	0.2	0.06	2.8	0.1	<0.05	4	0.8	<0.2
523964	Soil	19	20	0.58	325	0.040	1	1.25	0.012	0.07	0.3	0.03	4.2	0.1	<0.05	4	0.7	<0.2
523965	Soil	19	25	0.64	310	0.052	2	1.35	0.013	0.09	0.4	0.03	4.2	0.1	<0.05	5	0.6	<0.2
523966	Soil	15	17	0.38	138	0.048	1	0.80	0.016	0.06	0.3	0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
523967	Soil	16	19	0.34	183	0.054	<1	0.77	0.015	0.07	0.2	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
523968	Soil	17	19	0.42	214	0.048	1	0.96	0.017	0.06	0.5	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
523969	Soil	16	17	0.40	265	0.051	<1	0.95	0.018	0.06	0.3	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
523970	Soil	11	13	0.24	266	0.039	2	1.01	0.027	0.05	0.2	0.04	2.3	<0.1	0.08	3	0.8	<0.2
523971	Soil	14	13	0.28	116	0.035	1	0.75	0.013	0.05	0.3	0.02	2.1	<0.1	<0.05	2	0.6	<0.2
523972	Soil	18	20	0.37	194	0.049	1	0.81	0.014	0.06	0.5	0.01	2.4	<0.1	<0.05	3	<0.5	<0.2
523973	Soil	20	22	0.48	304	0.045	<1	1.42	0.015	0.08	0.2	0.13	4.4	0.1	<0.05	4	<0.5	<0.2
523974	Soil	16	18	0.41	278	0.034	1	1.33	0.013	0.07	0.2	0.11	3.8	0.1	<0.05	4	0.7	<0.2
523975	Soil	16	17	0.37	316	0.038	1	1.20	0.017	0.06	0.2	0.10	3.6	0.2	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
523976	Soil	0.031	3.0	187.5	29.6	125	1.6	10.5	6.4	171	1.02	12.8	34.7	4.0	48	3.8	1.6	0.6	39	0.40	0.068
523977	Soil	0.025	2.7	116.7	29.2	118	0.5	8.6	5.8	96	1.05	8.1	43.7	4.8	29	1.6	1.4	0.5	34	0.32	0.064
523978	Soil	0.034	2.0	86.4	35.2	102	0.6	7.0	5.0	131	1.16	12.2	36.6	4.3	33	1.1	1.3	0.6	36	0.31	0.063
523979	Soil	0.027	9.2	109.7	39.6	137	0.9	9.5	8.4	255	2.66	19.9	29.9	4.1	43	1.9	1.8	0.7	61	0.39	0.076
523980	Soil	0.028	3.9	98.0	28.7	119	0.5	9.1	8.5	203	1.89	11.1	20.9	4.8	26	0.9	1.6	0.5	41	0.27	0.066
523981	Soil	0.034	1.9	57.6	20.6	77	0.6	8.7	7.3	276	1.91	9.2	15.8	5.1	36	1.1	1.0	0.4	46	0.37	0.071
523982	Soil	0.015	0.8	59.4	19.4	64	0.4	12.1	4.8	135	1.18	6.1	22.1	3.1	60	1.0	1.0	0.4	44	0.47	0.064
523983	Soil	0.006	0.8	30.7	13.1	52	0.2	9.1	5.7	216	1.23	5.9	16.5	1.8	58	0.5	0.6	0.3	37	0.42	0.060
523984	Soil	0.010	0.8	20.9	13.2	49	0.2	8.0	5.1	170	1.52	7.6	8.1	3.4	33	0.4	0.6	0.4	42	0.33	0.053
523985	Soil	0.012	1.9	35.0	19.1	86	0.4	11.5	11.4	598	2.06	10.5	17.4	4.6	28	0.4	0.9	0.5	50	0.31	0.062
523986	Soil	0.010	1.2	27.8	14.0	62	0.2	8.8	9.3	482	1.65	7.8	5.8	3.7	23	0.2	0.7	0.4	41	0.27	0.057
523987	Soil	0.015	0.8	42.5	15.0	67	0.4	8.7	6.3	238	1.25	7.0	17.3	3.6	32	0.7	0.7	0.5	37	0.37	0.063
523988	Soil	0.036	2.0	32.9	48.9	91	0.6	10.4	5.6	322	2.06	76.1	47.1	3.5	27	0.6	1.5	1.1	42	0.37	0.032
523989	Soil	0.074	1.9	33.8	52.9	105	0.9	9.2	5.8	478	2.12	98.3	56.0	3.4	27	0.9	3.6	4.3	40	0.47	0.046
523990	Soil	0.100	2.7	34.8	70.3	117	1.0	9.8	5.1	307	1.88	132.7	68.4	3.3	29	0.6	4.0	2.0	42	0.34	0.055
523991	Soil	0.041	1.6	29.5	37.1	80	1.0	8.6	5.2	258	1.83	58.1	36.2	2.6	25	0.5	2.5	2.9	38	0.31	0.044
523992	Soil	0.058	1.4	33.4	42.1	90	0.8	7.3	4.3	244	1.69	66.8	47.6	2.5	21	0.9	2.3	2.5	36	0.28	0.033
523993	Soil	0.116	1.5	51.6	32.9	87	3.7	7.4	4.4	284	1.74	70.8	122.0	1.7	29	0.4	4.7	5.1	46	0.40	0.075
523994	Soil	0.159	1.3	47.3	42.6	87	1.5	8.8	6.8	355	2.19	78.7	77.5	4.2	24	0.3	4.5	5.5	43	0.31	0.053
523995	Soil	0.151	1.5	94.8	36.1	118	0.9	9.2	6.9	428	2.75	168.2	81.3	5.0	38	0.9	6.6	6.9	44	0.38	0.065
523996	Soil	0.064	1.5	70.7	23.9	75	0.9	13.3	7.1	283	2.77	47.6	61.8	4.3	25	0.5	3.0	2.0	60	0.32	0.053
523997	Soil	0.037	1.6	56.9	36.4	79	0.7	9.3	5.8	351	1.94	34.9	32.0	2.0	29	1.0	3.3	4.8	48	0.31	0.060
523998	Soil	0.116	2.4	135.3	35.3	73	1.5	9.5	9.1	237	4.41	83.5	115.8	6.9	34	0.3	5.8	7.2	91	0.63	0.111
523999	Soil	0.062	2.2	120.6	40.1	88	2.2	10.1	16.6	549	3.87	46.5	84.2	3.7	32	0.5	5.3	7.1	69	0.47	0.113
524000	Soil	0.081	2.6	142.0	44.2	110	0.3	10.2	12.6	460	4.51	60.5	92.9	6.7	28	0.5	8.5	4.2	76	0.34	0.095
1067651	Soil	0.085	2.3	115.7	49.2	87	1.3	9.0	10.4	343	3.89	36.0	157.3	5.4	40	0.6	6.6	3.4	64	0.37	0.103
1067652	Soil	0.085	1.9	75.1	45.7	95	0.9	8.9	8.4	257	3.90	38.9	105.0	7.5	40	0.3	5.6	3.0	68	0.34	0.086
1067653	Soil	0.031	1.9	36.8	28.4	70	0.3	9.3	6.3	229	3.27	31.0	45.8	4.5	29	0.1	3.2	1.4	52	0.31	0.057
1067654	Soil	0.069	4.1	80.4	98.0	112	0.6	7.3	17.6	571	4.00	43.4	67.5	4.9	38	0.4	4.3	1.4	40	0.28	0.075
1067655	Soil	0.155	2.6	89.2	233.7	69	3.0	7.0	10.2	228	2.89	26.8	169.9	3.5	75	0.4	4.3	1.3	58	0.36	0.118

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
523976	Soil		16	17	0.37	295	0.044	1	1.13	0.017	0.07	0.2	0.10	3.5	0.1	<0.05	4	<0.5	<0.2
523977	Soil		16	14	0.36	175	0.038	1	1.01	0.012	0.06	0.2	0.07	3.1	0.1	<0.05	3	0.7	<0.2
523978	Soil		13	12	0.33	207	0.031	1	1.03	0.012	0.06	0.2	0.09	2.8	0.1	<0.05	3	0.5	<0.2
523979	Soil		15	19	0.40	254	0.032	<1	1.39	0.014	0.06	0.2	0.10	3.6	0.2	<0.05	4	0.5	<0.2
523980	Soil		13	16	0.36	183	0.044	<1	1.15	0.015	0.05	0.2	0.06	3.2	0.1	<0.05	4	<0.5	<0.2
523981	Soil		16	17	0.39	180	0.051	<1	0.99	0.015	0.06	0.5	0.05	3.1	<0.1	<0.05	4	<0.5	<0.2
523982	Soil		13	25	0.44	308	0.052	1	1.57	0.016	0.06	0.2	0.05	4.0	0.2	0.09	5	<0.5	<0.2
523983	Soil		10	17	0.33	197	0.042	1	1.07	0.021	0.05	0.1	0.05	2.5	0.1	<0.05	4	<0.5	<0.2
523984	Soil		11	16	0.34	152	0.051	<1	1.00	0.015	0.05	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
523985	Soil		13	22	0.45	172	0.059	<1	1.26	0.015	0.06	0.2	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
523986	Soil		11	17	0.36	136	0.051	<1	0.95	0.015	0.05	0.2	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
523987	Soil		13	15	0.33	179	0.046	2	0.98	0.021	0.05	0.2	0.06	2.8	0.1	0.06	3	<0.5	<0.2
523988	Soil		12	19	0.40	291	0.040	<1	1.10	0.015	0.07	0.2	0.03	3.1	0.1	<0.05	4	<0.5	<0.2
523989	Soil		13	18	0.36	266	0.033	<1	1.06	0.016	0.08	0.1	0.05	2.9	0.1	<0.05	3	<0.5	<0.2
523990	Soil		11	18	0.39	246	0.052	2	1.07	0.019	0.11	0.1	0.04	3.1	0.2	0.05	4	<0.5	<0.2
523991	Soil		10	17	0.32	263	0.032	1	1.13	0.017	0.08	0.1	0.05	2.7	0.1	<0.05	4	<0.5	<0.2
523992	Soil		9	13	0.29	185	0.038	<1	0.79	0.019	0.06	0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
523993	Soil		10	11	0.20	266	0.037	1	1.01	0.028	0.08	0.1	0.16	3.1	0.1	<0.05	4	0.5	<0.2
523994	Soil		13	18	0.38	276	0.037	1	1.25	0.018	0.08	0.2	0.11	3.4	0.2	<0.05	4	<0.5	0.2
523995	Soil		16	17	0.41	279	0.038	1	1.17	0.022	0.10	0.2	0.05	3.2	0.1	0.10	4	0.7	0.5
523996	Soil		16	24	0.47	370	0.055	2	1.83	0.017	0.09	0.2	0.06	4.1	0.2	<0.05	6	<0.5	<0.2
523997	Soil		15	18	0.35	407	0.052	3	1.19	0.018	0.10	0.3	0.04	3.0	0.1	0.07	5	<0.5	<0.2
523998	Soil		23	19	0.63	393	0.046	1	2.08	0.021	0.10	0.1	0.15	8.4	0.2	<0.05	7	0.5	0.9
523999	Soil		20	20	0.46	379	0.018	<1	1.73	0.017	0.07	0.1	0.17	5.8	0.3	0.05	6	<0.5	0.6
524000	Soil		17	22	0.54	205	0.047	2	1.45	0.018	0.11	0.2	0.02	4.9	0.2	<0.05	5	<0.5	1.0
1067651	Soil		19	18	0.52	393	0.016	1	1.96	0.020	0.12	0.1	0.12	5.3	0.3	0.06	6	0.6	0.7
1067652	Soil		19	20	0.64	341	0.040	2	1.76	0.022	0.12	0.2	0.10	4.4	0.3	0.06	6	0.6	0.5
1067653	Soil		16	21	0.48	280	0.047	2	1.47	0.019	0.13	0.2	0.02	2.9	0.2	0.06	5	<0.5	0.2
1067654	Soil		18	15	0.36	298	0.023	2	1.42	0.019	0.15	0.2	0.04	2.7	0.3	0.13	4	0.9	<0.2
1067655	Soil		13	14	0.33	366	0.018	3	2.26	0.031	0.15	0.2	0.13	4.2	0.5	0.14	6	1.4	0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

Method		G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067656	Soil	0.179	4.1	161.4	225.8	94	1.6	7.5	5.2	149	5.25	39.2	188.6	8.9	68	0.4	4.3	1.6	63	0.23	0.119
1067657	Soil	0.164	11.3	305.1	132.1	133	1.0	8.8	11.8	270	4.27	38.8	181.2	6.8	50	0.4	3.1	1.7	54	0.23	0.109
1067658	Soil	0.134	12.1	195.6	52.1	70	1.0	8.4	18.3	648	3.43	30.1	132.8	1.8	58	0.3	2.2	1.3	59	0.27	0.088
1067659	Soil	0.118	17.9	264.4	65.8	100	1.2	7.9	15.9	613	4.32	43.1	167.1	5.5	68	0.4	8.6	3.1	58	0.22	0.105
1067660	Soil	0.071	8.0	114.4	34.2	47	1.6	4.8	8.6	401	2.25	20.5	79.3	0.9	42	0.2	3.5	2.4	40	0.19	0.079
1067661	Soil	0.092	18.9	188.2	31.6	76	2.2	7.6	8.7	439	3.79	42.2	90.5	2.8	72	0.4	8.9	6.6	54	0.21	0.097
1067662	Soil	0.109	17.0	170.6	31.6	75	2.3	7.8	10.5	458	3.52	37.9	104.7	3.3	68	0.3	8.8	6.3	48	0.21	0.098
1067663	Soil	0.114	28.3	192.1	26.9	74	2.1	4.8	4.5	153	3.92	55.2	64.0	3.8	60	0.3	11.1	5.4	49	0.18	0.116
1067664	Soil	0.063	46.3	260.7	30.8	98	1.9	6.0	6.2	216	5.41	48.4	56.8	10.7	100	0.3	11.0	5.6	62	0.19	0.131
1067665	Soil	0.041	27.8	133.6	22.6	44	1.3	4.1	3.0	104	3.48	35.5	43.5	5.2	89	0.1	9.2	5.3	48	0.14	0.089
1067666	Soil	0.037	12.1	85.5	15.3	60	0.4	10.4	8.7	416	3.04	21.7	29.2	5.4	53	0.2	4.9	4.4	54	0.23	0.058
1067667	Soil	0.025	17.1	220.3	19.5	75	0.7	8.0	8.6	311	4.31	34.0	35.5	5.7	72	0.4	8.6	5.7	66	0.18	0.082
1067668	Soil	0.025	4.3	133.3	17.7	48	0.7	9.0	4.5	144	2.12	13.0	15.5	1.4	25	0.4	1.4	1.6	43	0.23	0.060
1067669	Soil	0.013	4.1	157.8	24.6	94	1.0	10.3	7.0	192	2.36	13.6	32.5	1.7	27	0.4	1.3	1.5	46	0.22	0.054
1067670	Soil	0.021	1.9	130.7	29.9	64	1.8	9.2	4.2	105	2.11	13.1	19.7	1.9	27	0.3	0.9	1.9	41	0.20	0.072
1067671	Soil	0.039	3.0	139.2	32.0	79	1.4	10.3	5.8	178	2.62	18.7	121.4	4.6	26	0.4	1.6	1.9	53	0.28	0.077
1067672	Soil	0.041	1.8	56.2	34.5	119	0.7	10.0	9.1	191	1.63	19.6	36.6	3.4	46	1.2	1.5	0.6	45	0.49	0.077
1067673	Soil	0.027	1.7	56.2	40.1	136	0.8	10.7	9.9	350	2.02	25.5	28.7	2.7	65	2.8	1.7	0.7	46	0.77	0.082
1067674	Soil	0.033	2.8	68.9	53.3	177	1.2	13.2	11.9	1059	2.67	52.2	34.0	3.0	77	2.4	2.1	0.8	53	0.80	0.088
1067675	Soil	0.056	3.4	76.2	37.3	131	0.7	9.7	8.8	493	2.29	33.7	20.3	3.7	79	2.1	1.7	0.5	46	0.67	0.083

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001811.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067656	Soil	17	19	0.64	321	0.028	2	1.98	0.020	0.16	0.3	0.07	4.7	0.3	0.13	6	1.9	<0.2
1067657	Soil	17	19	0.55	286	0.020	1	2.40	0.019	0.15	0.2	0.07	4.3	0.3	0.10	5	2.0	0.4
1067658	Soil	15	19	0.57	396	0.032	1	2.04	0.021	0.15	0.2	0.06	3.4	0.3	0.11	6	1.1	<0.2
1067659	Soil	19	16	0.50	365	0.031	1	1.75	0.026	0.24	0.3	0.08	3.9	0.3	0.26	5	2.2	0.5
1067660	Soil	11	10	0.25	275	0.020	2	1.27	0.029	0.09	0.2	0.10	2.0	0.3	0.07	4	0.8	0.2
1067661	Soil	22	19	0.56	500	0.026	1	1.96	0.033	0.18	0.2	0.16	3.1	0.3	0.20	7	1.8	0.9
1067662	Soil	21	19	0.54	469	0.023	1	1.90	0.031	0.18	0.2	0.17	3.2	0.3	0.19	6	2.3	0.6
1067663	Soil	22	14	0.42	429	0.030	1	1.27	0.032	0.16	0.2	0.15	3.3	0.3	0.22	4	2.5	0.4
1067664	Soil	29	16	0.70	346	0.037	1	1.70	0.079	0.39	0.2	0.06	4.6	0.5	0.64	6	2.2	0.3
1067665	Soil	20	12	0.38	423	0.038	<1	1.04	0.045	0.24	0.2	0.06	2.6	0.4	0.33	4	1.4	0.4
1067666	Soil	16	24	0.47	226	0.074	1	1.64	0.022	0.19	0.3	0.04	3.2	0.3	0.15	6	1.5	<0.2
1067667	Soil	17	15	0.60	321	0.067	<1	1.88	0.044	0.22	0.3	0.02	4.4	0.3	0.23	5	0.7	0.5
1067668	Soil	13	20	0.39	146	0.056	1	1.47	0.017	0.09	0.2	0.06	2.5	0.2	<0.05	5	<0.5	<0.2
1067669	Soil	12	19	0.39	189	0.051	1	1.94	0.025	0.08	0.3	0.06	2.8	0.1	<0.05	6	<0.5	<0.2
1067670	Soil	15	20	0.33	187	0.047	1	2.05	0.022	0.07	0.2	0.16	3.1	0.2	0.05	6	<0.5	<0.2
1067671	Soil	18	24	0.51	215	0.061	2	2.01	0.016	0.09	0.2	0.12	3.9	0.2	<0.05	6	<0.5	<0.2
1067672	Soil	17	16	0.42	287	0.039	2	1.35	0.022	0.07	0.2	0.06	3.6	0.1	0.08	4	0.8	<0.2
1067673	Soil	18	18	0.46	373	0.036	2	1.47	0.022	0.08	0.2	0.09	3.9	0.2	0.09	4	0.7	<0.2
1067674	Soil	18	22	0.52	509	0.037	2	1.78	0.026	0.11	0.2	0.13	5.2	0.2	0.15	5	<0.5	<0.2
1067675	Soil	17	19	0.47	388	0.041	2	1.49	0.024	0.08	0.2	0.07	3.8	0.1	0.11	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001811.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
523710	Soil	0.009	0.7	17.0	17.1	50	0.1	9.9	6.6	276	1.56	6.3	7.9	2.4	21	0.4	0.7	0.4	43	0.26	0.064
REP 523710	QC		0.7	18.6	17.6	54	0.2	9.8	6.9	288	1.61	6.6	4.8	2.5	23	0.4	0.8	0.5	45	0.28	0.068
523728	Soil	0.092	1.2	20.9	33.2	56	0.6	7.4	4.3	216	2.56	28.3	52.1	3.9	19	0.2	1.9	6.8	63	0.24	0.057
REP 523728	QC		1.3	20.6	32.7	55	0.6	6.3	4.3	208	2.51	27.0	139.6	3.8	19	0.2	1.9	6.5	63	0.23	0.057
523753	Soil	0.032	1.6	27.6	10.7	66	1.7	6.8	8.3	412	2.63	13.5	34.3	1.2	34	0.6	0.9	0.9	55	0.35	0.077
REP 523753	QC		1.4	26.4	10.3	65	1.7	6.8	8.4	403	2.73	12.9	39.3	1.4	32	0.6	0.9	0.9	55	0.35	0.077
523755	Soil	0.049	1.2	41.9	17.4	54	0.8	7.5	3.5	101	1.84	15.3	53.9	2.6	20	0.5	1.0	1.5	54	0.28	0.066
REP 523755	QC	0.057																			
523768	Soil	0.124	8.4	118.6	25.6	75	1.1	6.9	5.2	257	2.99	21.7	74.6	5.0	23	0.7	4.4	2.1	61	0.20	0.078
REP 523768	QC		8.6	121.8	26.9	74	1.0	6.6	5.1	256	3.07	21.1	88.0	5.1	22	0.7	4.5	2.4	61	0.21	0.077
523789	Soil	0.006	0.8	16.2	31.3	71	0.7	9.6	6.7	643	1.66	28.8	9.2	0.8	21	0.3	1.8	0.2	44	0.31	0.070
REP 523789	QC	0.007																			
523790	Soil	0.007	1.1	15.4	37.2	77	0.8	11.3	8.8	495	2.16	35.5	5.8	0.7	21	0.3	2.0	0.2	46	0.30	0.079
REP 523790	QC		1.1	16.2	38.6	79	0.9	10.4	9.4	505	2.29	37.5	11.8	0.7	21	0.3	2.1	0.2	45	0.32	0.083
523810	Soil	0.065	7.6	151.0	25.7	56	2.4	5.3	3.8	135	2.66	32.2	64.0	0.7	29	1.0	3.4	1.9	40	0.19	0.075
REP 523810	QC		7.4	159.5	26.0	58	2.4	6.1	4.0	146	2.40	31.8	65.2	0.7	28	0.8	3.5	2.0	42	0.21	0.081
523819	Soil	0.071	2.9	150.1	40.5	114	0.7	9.9	4.5	237	2.16	19.9	50.0	3.7	22	1.0	4.4	0.8	42	0.25	0.051
REP 523819	QC		3.2	144.1	39.3	117	0.7	8.9	4.4	231	2.17	20.6	44.6	3.8	21	1.0	4.3	0.8	41	0.25	0.052
523829	Soil	0.021	1.1	31.6	33.2	80	1.3	6.4	7.8	378	2.57	50.8	18.3	2.3	26	0.2	1.5	0.2	88	0.40	0.083
REP 523829	QC	0.012																			
523841	Soil	0.017	0.9	14.1	18.7	56	0.3	8.6	5.1	179	1.72	17.0	9.8	3.0	21	0.1	0.6	0.2	42	0.32	0.054
REP 523841	QC		0.8	14.2	19.0	59	0.2	8.8	5.0	183	1.76	17.8	19.6	3.0	22	0.2	0.6	0.2	43	0.32	0.056
523850	Soil	0.028	1.2	29.5	39.3	104	0.9	9.6	8.5	222	2.13	36.2	20.8	1.2	34	0.3	1.8	0.7	43	0.31	0.074
REP 523850	QC		1.2	30.7	39.4	106	0.9	9.9	8.6	230	2.20	37.7	22.8	1.4	34	0.4	1.9	0.7	45	0.33	0.076
523872	Soil	0.038	6.1	303.5	15.3	83	2.7	12.2	5.4	272	2.53	16.9	31.5	1.2	234	1.6	2.9	1.4	48	1.19	0.110
REP 523872	QC	0.038																			
523874	Soil	0.030	13.1	359.9	15.3	43	1.5	9.6	3.7	187	2.52	12.2	70.9	2.3	144	0.2	1.7	4.9	39	0.77	0.097
REP 523874	QC		12.8	353.6	15.2	44	1.5	9.0	3.6	183	2.48	12.1	23.4	2.3	140	0.2	1.6	4.9	38	0.73	0.094

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001811.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
523710	Soil	14	21	0.40	155	0.040	<1	1.24	0.012	0.05	0.3	0.02	2.3	0.1	<0.05	5	0.6	<0.2
REP 523710	QC	15	22	0.41	166	0.043	1	1.30	0.013	0.05	0.2	0.03	2.4	0.1	<0.05	5	0.5	<0.2
523728	Soil	17	18	0.27	106	0.042	<1	0.70	0.012	0.05	0.4	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
REP 523728	QC	16	18	0.27	104	0.040	<1	0.69	0.011	0.05	0.3	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
523753	Soil	8	13	0.16	214	0.049	<1	1.14	0.023	0.05	0.2	0.06	2.3	<0.1	<0.05	4	<0.5	<0.2
REP 523753	QC	8	13	0.16	195	0.052	<1	1.09	0.022	0.05	0.2	0.06	2.2	<0.1	0.05	4	<0.5	<0.2
523755	Soil	14	17	0.28	136	0.036	<1	1.13	0.011	0.06	0.3	0.04	2.0	<0.1	0.05	4	<0.5	<0.2
REP 523755	QC																	
523768	Soil	19	17	0.37	191	0.041	<1	1.22	0.011	0.11	0.3	0.08	2.4	0.2	<0.05	4	0.5	0.2
REP 523768	QC	19	18	0.36	182	0.043	<1	1.17	0.012	0.11	0.3	0.09	2.6	0.1	<0.05	4	0.9	0.3
523789	Soil	12	19	0.42	212	0.027	2	1.36	0.023	0.05	0.1	0.04	2.4	0.1	<0.05	4	0.9	<0.2
REP 523789	QC																	
523790	Soil	15	19	0.44	226	0.025	1	1.37	0.016	0.06	0.2	0.05	2.5	0.1	<0.05	4	0.5	<0.2
REP 523790	QC	15	20	0.45	230	0.025	2	1.40	0.016	0.07	0.2	0.05	2.5	0.2	<0.05	4	1.1	<0.2
523810	Soil	12	12	0.22	335	0.015	1	1.24	0.023	0.07	0.2	0.17	2.0	0.2	<0.05	4	<0.5	<0.2
REP 523810	QC	12	12	0.23	338	0.020	1	1.30	0.023	0.08	0.1	0.15	2.1	0.2	0.09	4	0.6	<0.2
523819	Soil	14	19	0.35	170	0.039	<1	0.83	0.011	0.07	0.3	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
REP 523819	QC	15	19	0.35	168	0.041	<1	0.85	0.010	0.07	0.3	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
523829	Soil	13	15	0.57	208	0.093	2	1.27	0.019	0.13	0.2	0.05	4.7	0.1	<0.05	4	<0.5	<0.2
REP 523829	QC																	
523841	Soil	11	18	0.44	189	0.055	<1	1.03	0.012	0.05	0.2	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
REP 523841	QC	11	19	0.45	188	0.058	<1	1.04	0.012	0.05	0.2	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
523850	Soil	14	16	0.39	283	0.019	1	1.49	0.016	0.05	0.1	0.09	2.3	0.2	0.06	4	<0.5	<0.2
REP 523850	QC	15	17	0.41	302	0.019	2	1.58	0.017	0.06	0.2	0.08	2.6	0.2	0.06	4	0.5	<0.2
523872	Soil	12	20	0.35	584	0.028	3	1.37	0.017	0.09	0.2	0.18	2.5	0.2	0.19	4	0.7	<0.2
REP 523872	QC																	
523874	Soil	17	16	0.37	258	0.025	3	1.27	0.012	0.08	0.2	0.09	2.2	0.2	0.09	3	1.1	<0.2
REP 523874	QC	17	17	0.35	250	0.027	<1	1.25	0.012	0.08	0.2	0.08	2.4	0.2	0.09	4	0.9	0.4

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001811.1

		G6 Au gm/t 0.005	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
523890	Soil	0.083	1.8	49.3	40.3	103	1.7	8.8	10.6	1704	1.79	39.0	95.5	1.6	40	2.3	4.5	1.9	34	0.50	0.091
REP 523890	QC		1.7	47.2	40.4	102	1.6	8.3	10.4	1655	1.79	37.8	77.1	1.5	40	2.3	4.3	2.0	33	0.49	0.087
523910	Soil	0.025	1.5	41.3	17.3	50	0.4	6.9	3.6	135	1.87	11.3	33.7	3.4	15	0.4	1.7	0.3	44	0.22	0.048
REP 523910	QC	0.013																			
523927	Soil	0.056	12.1	232.0	42.2	207	2.6	13.0	17.3	1220	3.99	12.0	55.6	3.2	125	5.4	3.3	1.2	41	0.74	0.087
REP 523927	QC		12.3	243.6	44.0	215	2.5	13.1	17.9	1255	4.07	12.5	57.8	3.7	125	5.2	3.5	1.3	44	0.76	0.089
523934	Soil	0.053	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 523934	QC	0.045																			
523944	Soil	0.108	1.8	51.8	64.8	119	1.5	10.9	7.8	353	2.81	61.7	139.0	4.4	40	1.0	5.5	5.3	48	0.49	0.083
REP 523944	QC		1.7	54.2	69.0	120	1.7	10.1	8.3	374	2.94	63.7	108.8	4.8	41	0.9	6.3	5.6	49	0.49	0.084
523952	Soil	0.196	6.4	115.9	100.6	168	1.7	11.1	14.0	930	4.62	97.9	177.2	8.9	48	1.4	11.0	9.4	50	0.33	0.092
REP 523952	QC	0.170																			
523966	Soil	0.044	3.0	99.6	25.9	64	0.3	7.3	4.2	103	1.49	9.8	16.5	5.1	28	0.6	1.9	0.6	47	0.35	0.061
REP 523966	QC		2.9	99.5	25.9	64	0.3	7.1	4.2	103	1.29	9.6	32.9	5.3	28	0.7	2.0	0.6	46	0.32	0.062
523986	Soil	0.010	1.2	27.8	14.0	62	0.2	8.8	9.3	482	1.65	7.8	5.8	3.7	23	0.2	0.7	0.4	41	0.27	0.057
REP 523986	QC		1.1	27.5	13.6	61	0.2	8.5	8.7	474	1.33	7.3	7.2	3.6	23	0.4	0.7	0.4	40	0.27	0.055
523990	Soil	0.100	2.7	34.8	70.3	117	1.0	9.8	5.1	307	1.88	132.7	68.4	3.3	29	0.6	4.0	2.0	42	0.34	0.055
REP 523990	QC	0.104																			
523995	Soil	0.151	1.5	94.8	36.1	118	0.9	9.2	6.9	428	2.75	168.2	81.3	5.0	38	0.9	6.6	6.9	44	0.38	0.065
REP 523995	QC		1.9	100.5	41.4	122	0.9	9.1	6.6	404	2.43	171.1	159.2	5.0	40	1.0	7.5	7.1	44	0.40	0.068
1067662	Soil	0.109	17.0	170.6	31.6	75	2.3	7.8	10.5	458	3.52	37.9	104.7	3.3	68	0.3	8.8	6.3	48	0.21	0.098
REP 1067662	QC		16.7	180.5	31.4	77	2.5	7.6	10.6	424	3.65	38.1	107.3	3.3	72	0.4	9.4	6.5	54	0.21	0.108
Reference Materials																					
STD DS8	Standard		14.0	107.3	130.1	305	1.8	37.7	7.2	619	2.47	25.9	118.2	7.9	72	2.6	5.1	5.6	42	0.77	0.082
STD DS8	Standard		13.0	110.8	130.5	313	1.7	36.7	7.3	601	2.39	26.0	112.6	7.7	61	2.3	4.8	5.3	42	0.69	0.075
STD DS8	Standard		13.6	111.8	133.8	318	1.9	37.8	7.7	626	2.48	26.5	116.6	7.5	62	2.3	6.4	5.4	42	0.70	0.082
STD DS8	Standard		13.4	111.6	131.5	309	1.8	39.1	7.6	608	2.48	25.9	100.7	7.6	70	2.3	5.4	7.3	44	0.69	0.078
STD DS8	Standard		13.0	111.4	129.9	319	1.8	36.5	7.8	622	2.59	26.5	109.5	7.4	63	2.6	6.3	5.3	42	0.71	0.075
STD DS8	Standard		12.8	103.5	138.7	307	1.8	36.3	7.0	598	2.37	25.5	104.1	7.6	78	2.3	6.3	7.7	40	0.66	0.073

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001811.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
523890	Soil	11	16	0.24	439	0.023	2	1.05	0.029	0.06	0.1	0.15	3.1	0.2	0.08	3	<0.5	0.3
REP 523890	QC	11	16	0.24	431	0.019	1	0.99	0.030	0.06	0.1	0.15	2.7	0.2	0.09	3	1.1	0.3
523910	Soil	11	15	0.29	87	0.047	<1	0.80	0.011	0.06	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
REP 523910	QC																	
523927	Soil	18	15	0.34	612	0.023	3	1.39	0.016	0.08	0.2	0.24	4.0	0.2	0.08	4	0.9	<0.2
REP 523927	QC	19	16	0.34	615	0.030	3	1.43	0.016	0.09	0.2	0.21	4.2	0.2	0.09	4	1.1	<0.2
523934	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
REP 523934	QC																	
523944	Soil	16	20	0.41	308	0.015	1	1.30	0.010	0.07	0.2	0.14	3.8	0.2	<0.05	4	<0.5	0.4
REP 523944	QC	17	20	0.40	318	0.023	1	1.37	0.011	0.08	0.2	0.12	4.1	0.2	<0.05	4	0.6	0.6
523952	Soil	20	15	0.33	320	0.011	<1	1.04	0.011	0.13	0.2	0.13	5.7	0.2	0.19	3	1.0	1.0
REP 523952	QC																	
523966	Soil	15	17	0.38	138	0.048	1	0.80	0.016	0.06	0.3	0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
REP 523966	QC	15	17	0.37	135	0.045	1	0.76	0.013	0.06	0.3	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
523986	Soil	11	17	0.36	136	0.051	<1	0.95	0.015	0.05	0.2	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
REP 523986	QC	11	17	0.35	131	0.052	1	0.93	0.014	0.05	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
523990	Soil	11	18	0.39	246	0.052	2	1.07	0.019	0.11	0.1	0.04	3.1	0.2	0.05	4	<0.5	<0.2
REP 523990	QC																	
523995	Soil	16	17	0.41	279	0.038	1	1.17	0.022	0.10	0.2	0.05	3.2	0.1	0.10	4	0.7	0.5
REP 523995	QC	16	17	0.43	283	0.051	3	1.19	0.027	0.11	0.2	0.05	3.2	0.2	0.11	4	<0.5	0.2
1067662	Soil	21	19	0.54	469	0.023	1	1.90	0.031	0.18	0.2	0.17	3.2	0.3	0.19	6	2.3	0.6
REP 1067662	QC	22	20	0.59	488	0.035	<1	2.00	0.035	0.19	0.2	0.17	3.2	0.4	0.20	6	2.2	0.5
Reference Materials																		
STD DS8	Standard	18	117	0.62	304	0.127	3	1.00	0.119	0.45	2.9	0.21	3.1	5.4	0.14	5	5.3	4.8
STD DS8	Standard	15	116	0.60	281	0.119	2	0.92	0.094	0.42	2.9	0.20	3.2	5.3	0.10	5	5.1	4.7
STD DS8	Standard	15	119	0.63	290	0.124	3	0.94	0.095	0.43	2.9	0.24	2.7	5.4	0.13	5	5.6	5.5
STD DS8	Standard	15	123	0.61	279	0.117	2	0.96	0.109	0.42	3.0	0.20	2.5	5.4	0.15	5	5.2	4.5
STD DS8	Standard	16	118	0.62	294	0.122	4	0.93	0.111	0.44	2.9	0.21	3.2	5.5	0.13	5	5.0	4.6
STD DS8	Standard	16	113	0.58	284	0.115	3	0.90	0.094	0.40	3.0	0.20	2.6	5.5	0.15	4	4.8	4.6

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001811.1

		G6 Au gm/t 0.005	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard		12.5	106.0	121.3	312	1.7	36.6	7.0	591	2.37	25.0	122.5	6.3	74	2.2	5.1	6.3	40	0.66	0.079
STD DS8	Standard		12.4	114.3	130.1	302	1.7	38.9	7.8	599	2.43	27.1	129.1	6.5	64	2.4	5.5	6.8	43	0.68	0.077
STD DS8	Standard		11.8	108.8	126.7	304	1.7	37.8	7.5	601	2.46	25.7	105.9	6.3	61	2.3	4.9	5.7	41	0.68	0.075
STD DS8	Standard		13.8	119.3	130.7	318	1.7	42.1	8.2	640	2.57	26.7	122.7	7.5	66	2.4	5.8	6.5	45	0.71	0.080
STD OXH82	Standard	1.397																			
STD OXH82	Standard	1.381																			
STD OXH82	Standard	1.397																			
STD OXH82	Standard	1.320																			
STD OXH82	Standard	1.313																			
STD OXH82	Standard	1.404																			
STD OXH82	Standard	1.299																			
STD OXH82	Standard	1.349																			
STD OXH82	Standard	1.376																			
STD OXH82	Standard	1.336																			
STD OXH82	Standard	1.371																			
STD OXH82	Standard	1.339																			
STD OXH82	Standard	1.373																			
STD OXH82	Standard	1.377																			
STD OXH82	Standard	1.330																			
STD OXH82	Standard	1.362																			
STD OXH82	Standard	1.350																			
STD OXH82	Standard	1.363																			
STD OXH82	Standard	1.367																			
STD OXH82	Standard	1.353																			
STD OXH82	Standard	1.317																			
STD OXH82 Expected		1.278																			
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001811.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	110	0.65	263	0.111	2	0.90	0.088	0.41	2.8	0.19	2.2	5.3	0.16	5	4.8	5.3
STD DS8	Standard	14	116	0.59	282	0.115	2	0.93	0.110	0.43	2.9	0.21	2.8	5.9	0.15	5	5.4	4.5
STD DS8	Standard	13	116	0.60	276	0.106	2	0.90	0.088	0.43	2.9	0.17	2.1	5.4	0.16	4	3.7	4.6
STD DS8	Standard	16	123	0.63	271	0.118	2	0.92	0.094	0.37	3.1	0.20	2.1	5.3	0.17	5	5.2	5.0
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82 Expected																		
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank																	
BLK	Blank																	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001811.1

		G6 Au gm/t 0.005	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.005																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001811.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Email Distribution List - Project Etzel
Receiving Lab: Canada-Whitehorse
Received: October 08, 2011
Report Date: December 06, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11001812.1

CLIENT JOB INFORMATION

Project: Etzel Project
Shipment ID: ETZEL11-009
P.O. Number
Number of Samples: 160

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	160	Dry at 60C			WHI
SS80	160	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	160	Saving all or part of Soil Reject			WHI
G601	160	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	151	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Coast Mountain Geological
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067676	Soil	0.043	3.0	132.9	31.2	120	0.6	11.5	10.4	159	1.49	16.6	25.4	3.5	74	2.6	1.9	1.0	45	0.52	0.063
1067677	Soil	0.024	2.9	82.1	26.4	115	0.5	9.0	8.2	496	2.12	19.0	12.0	3.4	71	1.3	1.5	0.9	38	0.51	0.070
1067678	Soil	0.092	1.3	64.1	21.3	82	0.3	7.0	5.7	134	1.41	6.2	86.2	4.4	51	0.8	1.2	0.7	39	0.42	0.070
1067679	Soil	0.018	1.8	82.5	21.5	80	0.3	6.4	5.0	122	1.74	22.3	190.2	4.8	49	0.9	1.4	0.8	35	0.43	0.073
1067680	Soil	0.014	3.7	160.2	19.9	104	0.6	10.5	7.7	562	1.80	14.5	18.6	3.6	111	2.3	2.1	1.0	39	0.79	0.080
1067681	Soil	0.030	5.5	155.4	18.5	101	0.6	8.7	12.3	722	2.46	13.1	19.0	2.6	86	2.0	1.6	0.6	36	0.59	0.076
1067682	Soil	0.041	6.1	182.6	43.8	158	0.8	12.0	8.4	245	1.78	18.4	33.4	4.0	46	1.9	2.5	0.9	49	0.35	0.076
1067683	Soil	0.035	8.7	227.2	34.7	188	1.0	13.8	13.5	507	2.71	19.4	38.6	3.1	60	4.6	2.7	0.8	48	0.35	0.084
1067684	Soil	0.016	2.7	95.0	18.0	95	0.2	7.7	7.5	167	1.65	6.8	9.8	4.3	26	1.3	1.5	0.4	31	0.29	0.078
1067685	Soil	0.028	9.5	197.1	19.6	179	1.1	9.4	13.6	290	1.63	17.2	31.0	1.9	48	5.8	1.8	0.5	44	0.31	0.071
1067686	Soil	0.020	2.7	125.2	21.2	113	0.6	9.1	7.8	190	1.43	9.0	19.9	2.7	34	1.8	1.5	0.5	37	0.28	0.061
1067687	Soil	0.029	2.7	128.5	22.3	111	0.5	8.6	7.7	181	1.37	7.6	21.4	3.0	31	1.8	1.8	0.5	37	0.28	0.063
1067688	Soil	0.026	6.5	208.3	30.1	156	0.9	14.4	11.5	403	2.29	23.3	41.7	3.4	73	3.5	2.5	0.8	49	0.43	0.087
1067689	Soil	0.019	1.6	92.6	19.7	105	0.4	8.4	7.8	232	1.35	6.4	13.4	2.7	40	1.3	1.1	0.5	33	0.31	0.063
1067690	Soil	0.017	7.9	134.4	21.5	133	0.4	10.5	12.3	675	4.56	19.0	19.1	3.3	54	1.7	2.2	0.5	50	0.38	0.069
1067691	Soil	0.022	3.8	87.6	26.2	134	0.9	13.0	8.7	495	2.39	15.1	19.2	2.5	75	1.4	1.6	0.6	48	0.50	0.080
1067692	Soil	0.028	1.6	92.6	23.8	97	0.5	10.7	7.1	631	1.91	10.1	20.1	2.6	77	1.1	1.4	0.6	41	0.50	0.071
1067693	Soil	0.006	2.1	47.3	15.1	63	0.2	9.2	6.0	508	3.38	45.9	26.9	1.8	70	0.6	1.3	0.5	67	0.54	0.095
1067694	Soil	0.009	1.0	32.9	11.9	69	0.3	10.0	8.2	823	2.14	8.3	9.5	1.9	54	0.3	0.8	0.5	38	0.42	0.066
1067695	Soil	<0.005	0.5	35.2	3.4	21	0.2	4.1	3.0	217	0.74	2.3	2.8	0.6	38	0.4	0.4	0.1	21	0.30	0.052
1067696	Soil	0.011	1.7	99.5	25.1	107	0.8	15.9	10.7	919	2.55	18.8	29.5	3.1	103	1.7	1.6	1.4	66	0.80	0.083
1067697	Soil	0.014	1.5	74.6	16.1	62	0.4	10.1	6.8	353	2.00	16.8	18.7	2.1	36	0.6	1.3	1.2	41	0.32	0.069
1067698	Soil	0.011	1.6	96.0	11.3	67	0.4	9.6	13.8	1921	1.82	8.1	15.6	1.3	49	1.1	1.1	1.1	36	0.39	0.073
1067699	Soil	0.090	1.3	41.3	40.4	82	2.5	6.2	3.4	146	1.91	57.6	97.4	1.0	33	0.7	1.5	6.5	36	0.36	0.084
1067700	Soil	0.167	2.5	47.7	81.8	132	0.8	8.7	5.1	304	2.44	86.3	198.4	5.7	25	0.8	5.3	3.9	43	0.28	0.050
1067701	Soil	0.035	1.1	28.9	29.0	74	0.4	10.4	4.4	206	1.91	31.6	21.2	2.4	21	0.6	1.0	0.9	41	0.25	0.034
1067702	Soil	0.042	1.2	28.3	28.8	82	0.4	12.9	6.8	324	2.20	40.8	27.6	3.2	20	0.4	1.6	0.9	46	0.23	0.037
1067703	Soil	0.052	1.2	50.7	20.0	68	0.3	14.1	8.1	358	2.44	53.4	53.6	3.4	23	0.4	2.9	0.9	53	0.26	0.041
1067704	Soil	0.038	2.3	62.5	35.5	88	1.2	10.6	6.3	287	2.60	56.7	17.7	2.7	29	0.9	3.8	3.0	57	0.25	0.034
1067705	Soil	0.188	1.5	58.9	47.3	104	0.5	12.6	7.9	407	2.60	70.2	125.4	4.2	24	0.5	3.8	3.6	52	0.21	0.030

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067676	Soil	14	17	0.42	261	0.037	2	1.12	0.023	0.06	0.1	0.05	3.3	0.1	0.19	4	0.7	<0.2
1067677	Soil	13	15	0.40	244	0.038	1	1.03	0.022	0.07	0.3	0.05	2.8	0.1	0.08	3	<0.5	<0.2
1067678	Soil	14	13	0.33	170	0.040	2	0.84	0.019	0.05	0.3	0.03	2.2	<0.1	0.09	3	1.0	<0.2
1067679	Soil	15	14	0.31	126	0.034	<1	0.70	0.016	0.06	0.3	0.01	1.8	<0.1	0.07	2	0.7	<0.2
1067680	Soil	14	13	0.32	231	0.033	2	0.78	0.013	0.08	0.4	0.04	2.5	0.1	0.13	2	1.2	<0.2
1067681	Soil	13	13	0.27	202	0.031	1	0.87	0.012	0.05	0.1	0.07	2.1	<0.1	<0.05	3	0.5	<0.2
1067682	Soil	16	20	0.45	227	0.036	<1	1.37	0.010	0.07	0.2	0.11	3.7	0.2	<0.05	4	0.9	<0.2
1067683	Soil	15	21	0.38	338	0.029	1	1.35	0.014	0.06	0.1	0.13	3.8	0.2	<0.05	4	0.9	<0.2
1067684	Soil	15	12	0.26	125	0.035	<1	0.78	0.010	0.05	0.2	0.03	2.1	<0.1	<0.05	2	<0.5	<0.2
1067685	Soil	13	14	0.24	272	0.038	<1	0.92	0.021	0.05	0.1	0.11	3.1	0.1	0.16	3	0.6	<0.2
1067686	Soil	12	15	0.30	214	0.037	<1	0.99	0.011	0.06	0.2	0.06	2.7	0.1	<0.05	3	0.8	<0.2
1067687	Soil	12	15	0.29	204	0.037	<1	0.95	0.012	0.05	0.2	0.06	2.6	0.1	<0.05	3	<0.5	<0.2
1067688	Soil	16	20	0.38	309	0.033	1	1.28	0.014	0.06	0.2	0.11	4.0	0.2	0.08	3	0.6	<0.2
1067689	Soil	12	14	0.31	233	0.036	<1	1.00	0.011	0.05	0.2	0.06	2.5	0.2	<0.05	3	<0.5	<0.2
1067690	Soil	13	17	0.35	237	0.039	<1	1.18	0.012	0.06	0.1	0.07	2.9	0.1	<0.05	4	0.6	<0.2
1067691	Soil	14	22	0.39	411	0.042	2	1.37	0.015	0.07	0.2	0.10	3.4	0.2	0.07	4	0.8	<0.2
1067692	Soil	13	20	0.37	261	0.040	<1	1.29	0.014	0.06	0.2	0.08	3.4	0.2	0.08	4	0.7	<0.2
1067693	Soil	11	17	0.27	198	0.037	<1	1.01	0.013	0.04	0.2	0.07	2.4	<0.1	0.10	3	<0.5	<0.2
1067694	Soil	9	19	0.32	226	0.043	<1	1.06	0.017	0.05	<0.1	0.04	2.4	0.1	0.05	4	<0.5	<0.2
1067695	Soil	5	7	0.09	89	0.029	<1	0.41	0.034	0.03	<0.1	0.03	1.8	<0.1	0.05	2	<0.5	<0.2
1067696	Soil	18	28	0.49	274	0.058	2	1.57	0.019	0.07	0.2	0.12	4.8	0.2	0.14	5	1.2	<0.2
1067697	Soil	13	19	0.34	196	0.038	1	1.22	0.014	0.05	0.1	0.05	2.7	0.2	<0.05	4	1.0	<0.2
1067698	Soil	13	15	0.28	254	0.033	<1	1.07	0.012	0.04	0.1	0.05	2.2	0.2	0.07	3	<0.5	<0.2
1067699	Soil	15	12	0.20	306	0.021	<1	1.37	0.029	0.09	0.2	0.13	2.8	0.1	<0.05	4	<0.5	0.2
1067700	Soil	17	17	0.37	257	0.065	<1	0.97	0.019	0.12	0.1	0.03	4.1	0.2	<0.05	3	0.9	0.3
1067701	Soil	13	20	0.37	238	0.037	<1	1.26	0.012	0.07	0.2	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1067702	Soil	11	20	0.43	207	0.050	<1	1.39	0.012	0.10	0.2	0.02	3.0	0.1	<0.05	4	<0.5	<0.2
1067703	Soil	12	28	0.50	243	0.062	<1	1.67	0.018	0.08	0.3	0.02	3.6	0.1	<0.05	5	<0.5	<0.2
1067704	Soil	12	23	0.35	233	0.041	<1	1.68	0.013	0.11	0.3	0.01	4.7	0.2	<0.05	5	<0.5	0.3
1067705	Soil	11	23	0.46	210	0.050	<1	1.42	0.015	0.10	0.2	0.02	3.6	0.1	<0.05	4	<0.5	0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067706	Soil	0.086	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067707	Soil	0.030	1.8	53.5	30.9	96	0.3	13.4	7.9	314	3.02	62.7	39.9	4.5	27	0.7	3.0	3.2	55	0.21	0.035
1067708	Soil	0.065	1.4	45.3	32.7	63	0.5	10.8	6.3	250	2.37	59.0	58.4	2.5	23	0.4	2.8	2.8	52	0.22	0.047
1067709	Soil	0.136	3.1	53.5	59.0	77	1.4	11.8	9.8	245	3.23	134.6	104.1	3.3	30	0.2	5.4	5.0	49	0.27	0.080
1067710	Soil	0.172	1.9	112.5	101.3	81	2.6	11.8	6.6	302	2.82	113.1	165.0	4.5	47	0.6	6.4	16.9	42	0.38	0.085
1067711	Soil	0.034	1.4	47.2	29.2	59	0.8	9.1	5.6	267	2.01	58.5	124.3	3.0	21	0.3	2.8	4.8	39	0.23	0.043
1067712	Soil	0.074	1.9	72.7	25.1	68	0.3	12.0	6.2	264	2.62	42.2	59.7	5.0	24	0.3	3.3	4.9	49	0.25	0.048
1067713	Soil	0.045	1.4	56.6	31.3	70	0.5	12.2	6.6	267	2.45	50.6	39.6	3.9	25	0.4	3.0	4.9	45	0.24	0.044
1067714	Soil	0.063	3.0	79.3	64.0	93	2.3	10.4	6.6	188	3.28	101.2	67.1	6.2	33	0.5	6.8	5.4	46	0.37	0.072
1067715	Soil	0.040	2.6	80.3	39.5	84	1.2	8.8	8.3	309	3.10	46.3	93.7	5.9	25	0.3	7.0	3.0	41	0.28	0.082
1067716	Soil	0.032	1.6	53.8	27.2	52	1.2	5.2	4.8	176	2.03	27.2	35.0	1.3	23	0.2	5.5	2.2	37	0.24	0.078
1067717	Soil	0.056	1.9	71.6	38.7	76	1.7	11.2	7.3	308	2.45	42.8	43.6	2.4	22	0.4	6.2	3.0	41	0.22	0.064
1067718	Soil	0.079	4.7	134.1	85.6	135	0.6	9.9	8.9	517	3.14	54.5	65.3	5.7	33	1.0	9.7	1.9	40	0.24	0.080
1067719	Soil	0.152	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067720	Soil	0.113	24.2	255.3	152.2	105	1.3	11.1	10.2	586	4.10	41.0	102.2	9.5	62	0.7	13.8	2.0	55	0.22	0.091
1067721	Soil	0.080	22.9	510.8	146.5	113	2.2	10.2	11.0	296	3.38	32.0	82.0	8.2	36	0.8	7.4	2.8	44	0.24	0.088
1067722	Soil	0.095	34.4	335.6	139.2	75	2.4	5.6	4.2	126	3.07	36.6	103.2	6.6	60	0.4	9.6	5.3	39	0.21	0.102
1067723	Soil	<0.005	14.4	264.5	39.4	73	1.8	8.2	8.5	335	3.48	32.7	61.7	6.9	72	0.3	10.2	5.2	42	0.27	0.108
1067724	Soil	0.035	4.2	85.9	9.8	18	0.7	3.2	1.9	47	1.69	9.7	14.7	0.7	28	0.3	2.2	2.1	23	0.12	0.056
1067725	Soil	0.048	11.6	180.0	20.3	48	1.5	7.4	4.3	161	2.76	22.5	24.9	1.5	68	0.3	5.0	5.5	48	0.18	0.084
1067726	Soil	0.054	14.8	193.5	20.0	57	1.3	8.3	3.6	151	3.21	18.5	41.1	2.0	73	0.3	3.5	3.9	67	0.18	0.086
1067727	Soil	0.034	13.7	235.4	16.2	43	1.0	6.8	3.2	111	2.69	19.2	21.6	0.7	42	0.7	2.4	3.9	53	0.14	0.087
1067728	Soil	0.056	10.6	78.3	17.2	46	0.4	8.6	7.5	355	3.05	20.1	53.9	6.5	75	0.1	7.3	4.9	50	0.18	0.067
1067729	Soil	0.032	25.1	102.8	21.4	30	1.1	3.7	3.0	97	5.16	74.8	29.4	11.6	105	0.1	8.1	12.6	31	0.14	0.093
1067730	Soil	0.159	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067731	Soil	0.049	10.9	167.2	26.8	38	1.6	8.9	3.6	144	4.10	45.2	52.0	4.1	87	0.4	5.9	6.8	49	0.13	0.099
1067732	Soil	0.044	4.3	105.2	20.2	29	1.1	9.9	3.0	83	3.29	27.6	33.9	1.5	33	0.1	5.1	3.7	34	0.15	0.087
1067733	Soil	0.047	7.5	65.9	49.8	41	1.0	7.4	4.8	213	3.20	49.5	35.5	4.4	60	0.1	10.8	8.9	35	0.16	0.073
1067734	Soil	0.074	8.5	94.7	46.3	42	1.9	8.5	3.2	86	3.37	55.4	66.6	4.8	74	0.2	8.3	13.5	48	0.19	0.117
1067735	Soil	0.050	7.0	127.5	39.0	42	1.3	7.7	3.7	102	2.96	36.6	39.2	1.5	43	0.3	6.2	6.7	44	0.15	0.094

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067706	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067707	Soil	11	25	0.51	193	0.052	<1	1.68	0.015	0.13	0.2	0.02	3.4	0.1	<0.05	6	<0.5	0.2
1067708	Soil	11	19	0.35	166	0.041	<1	1.27	0.013	0.08	0.2	0.02	2.5	0.1	<0.05	5	<0.5	0.2
1067709	Soil	14	23	0.40	242	0.020	<1	1.85	0.015	0.09	0.3	0.10	3.6	0.2	<0.05	5	1.3	<0.2
1067710	Soil	21	21	0.32	407	0.016	<1	2.26	0.018	0.12	0.2	0.26	5.5	0.3	<0.05	5	1.2	0.4
1067711	Soil	12	18	0.41	180	0.045	<1	1.17	0.011	0.07	0.2	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1067712	Soil	12	20	0.48	159	0.053	2	1.35	0.014	0.08	0.2	<0.01	2.8	0.1	<0.05	4	<0.5	0.6
1067713	Soil	12	22	0.47	165	0.050	2	1.45	0.020	0.08	0.2	0.01	2.7	0.1	<0.05	4	0.7	<0.2
1067714	Soil	20	19	0.41	419	0.022	1	1.38	0.012	0.08	0.2	0.15	4.2	0.2	<0.05	4	0.6	0.6
1067715	Soil	22	17	0.35	362	0.023	1	1.25	0.010	0.08	0.3	0.09	4.6	0.2	<0.05	4	0.8	0.4
1067716	Soil	9	10	0.14	312	0.020	2	0.82	0.026	0.06	<0.1	0.07	1.9	0.1	<0.05	3	<0.5	0.4
1067717	Soil	13	19	0.37	196	0.027	1	1.33	0.011	0.08	0.2	0.11	2.6	0.2	<0.05	4	0.8	<0.2
1067718	Soil	21	17	0.34	235	0.035	2	1.06	0.015	0.15	0.3	0.03	3.3	0.2	0.14	3	0.8	0.3
1067719	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067720	Soil	18	18	0.57	213	0.028	1	1.60	0.027	0.19	0.3	0.02	3.3	0.2	0.22	5	1.3	0.3
1067721	Soil	28	20	0.44	236	0.037	1	1.33	0.011	0.10	0.2	0.10	4.0	0.2	<0.05	4	1.5	<0.2
1067722	Soil	28	14	0.38	418	0.012	1	1.19	0.008	0.09	0.4	0.13	2.9	0.3	0.06	3	1.6	0.4
1067723	Soil	23	18	0.40	336	0.040	2	1.16	0.011	0.19	0.4	0.02	3.0	0.3	0.16	4	2.1	0.8
1067724	Soil	8	6	0.09	99	0.025	<1	0.50	0.027	0.04	<0.1	0.03	1.1	0.1	<0.05	2	0.7	<0.2
1067725	Soil	15	17	0.44	249	0.035	<1	1.27	0.026	0.14	0.2	0.05	2.3	0.3	0.15	5	1.4	0.2
1067726	Soil	15	20	0.63	305	0.042	<1	1.92	0.022	0.14	0.2	0.05	4.1	0.4	0.08	7	0.7	<0.2
1067727	Soil	14	20	0.45	245	0.028	1	1.51	0.010	0.10	0.2	0.04	1.9	0.3	<0.05	6	1.1	0.3
1067728	Soil	15	17	0.48	255	0.062	1	1.12	0.049	0.22	0.3	<0.01	3.2	0.3	0.35	5	1.3	<0.2
1067729	Soil	31	10	0.33	105	0.021	1	0.74	0.127	0.51	0.4	<0.01	2.2	0.6	1.31	3	3.5	0.6
1067730	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067731	Soil	18	21	0.29	269	0.028	<1	1.86	0.021	0.11	0.3	0.16	3.5	0.3	0.11	6	2.8	0.3
1067732	Soil	14	22	0.18	165	0.028	1	1.10	0.020	0.06	0.2	0.14	2.6	0.1	0.05	4	<0.5	0.2
1067733	Soil	16	16	0.27	236	0.033	1	1.01	0.015	0.10	0.3	0.06	2.1	0.2	0.09	4	0.9	0.6
1067734	Soil	20	22	0.29	335	0.022	<1	1.68	0.014	0.09	0.2	0.28	3.1	0.3	<0.05	5	1.3	0.3
1067735	Soil	16	21	0.29	186	0.026	<1	1.38	0.009	0.08	0.3	0.17	2.3	0.2	<0.05	5	1.0	0.4

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

Method		G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067736	Soil	0.035	5.5	73.9	26.9	62	0.2	10.0	8.4	377	3.02	30.7	25.7	3.6	24	0.2	4.5	2.4	61	0.15	0.041
1067737	Soil	0.015	4.0	22.3	44.4	142	0.8	12.2	9.0	631	4.10	55.4	18.4	1.6	64	2.8	1.3	0.4	47	0.60	0.080
1067738	Soil	0.009	2.7	18.3	40.8	105	0.4	10.0	6.5	223	3.03	83.9	12.0	1.6	31	1.2	0.9	0.3	37	0.32	0.062
1067739	Soil	0.011	1.7	17.1	40.0	102	0.4	9.3	6.5	226	2.53	55.4	8.3	1.7	29	1.3	1.0	0.3	38	0.32	0.067
1067740	Soil	0.010	0.8	17.2	28.2	79	0.4	7.9	4.2	138	1.28	12.2	6.9	2.0	28	0.9	0.6	0.2	28	0.33	0.061
1067741	Soil	0.061	1.5	15.4	36.6	101	0.5	10.1	6.1	165	1.70	15.6	14.1	1.6	36	1.4	0.8	0.3	40	0.40	0.075
1067742	Soil	0.016	1.9	18.1	38.8	108	0.6	11.0	6.7	263	2.03	29.6	9.8	1.6	45	1.1	0.8	0.3	42	0.41	0.074
1067743	Soil	0.019	1.3	14.8	35.3	103	0.5	10.0	5.6	161	1.62	15.3	13.2	1.4	49	0.7	0.7	0.3	35	0.48	0.068
1067744	Soil	0.010	1.7	19.7	38.7	113	0.7	10.9	5.9	201	1.88	25.0	14.3	1.4	67	1.5	0.9	0.5	41	0.59	0.074
1067745	Soil	0.028	2.7	18.6	43.5	112	1.0	10.5	6.2	512	1.84	32.5	23.8	1.4	62	1.3	1.2	1.2	38	0.59	0.071
1067746	Soil	0.021	2.7	20.9	25.8	78	0.6	8.6	5.5	280	1.64	19.6	14.7	1.2	48	0.8	0.8	0.6	38	0.46	0.067
1067747	Soil	0.053	2.6	28.4	44.3	145	1.7	10.9	6.1	534	1.86	41.9	44.4	1.3	118	1.8	2.6	2.8	33	0.98	0.080
1067748	Soil	0.044	2.5	35.1	33.4	120	1.5	9.9	6.7	306	1.60	26.1	43.7	0.8	126	1.9	2.9	2.4	29	0.96	0.075
1067749	Soil	0.068	3.4	56.7	50.8	162	1.6	12.7	11.6	814	2.04	167.8	63.4	4.0	70	1.1	3.9	3.7	40	0.53	0.068
1067750	Soil	0.068	3.1	76.0	47.0	146	1.8	13.5	7.8	456	2.66	100.3	59.3	4.1	90	2.6	3.4	3.2	45	0.57	0.075
1067751	Soil	0.072	4.5	68.3	92.2	144	3.5	14.8	9.4	977	3.95	218.2	79.5	6.2	95	1.4	4.9	4.9	71	0.63	0.076
1067752	Soil	0.036	2.9	89.7	26.1	99	2.0	10.7	8.9	612	2.97	139.9	37.2	2.9	78	1.9	3.8	1.4	43	0.59	0.100
1067753	Soil	0.068	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067754	Soil	0.084	2.9	57.9	33.2	123	0.7	10.6	7.7	270	2.76	127.2	26.2	3.9	34	1.2	2.9	2.7	40	0.29	0.062
1067755	Soil	0.031	3.3	84.4	41.5	201	1.5	13.0	11.3	674	2.90	131.8	42.7	3.0	48	2.2	4.1	3.9	48	0.39	0.079
1067756	Soil	0.018	1.7	38.0	21.8	98	0.5	7.7	6.7	316	2.32	65.7	16.8	2.7	27	0.8	2.1	1.4	43	0.23	0.056
1067757	Soil	0.046	3.4	92.7	49.5	171	1.0	11.7	8.0	586	2.90	54.5	188.5	6.7	37	1.0	3.8	2.9	50	0.35	0.065
1067758	Soil	0.045	3.1	83.9	27.1	129	0.6	9.4	7.0	509	2.20	44.9	33.2	5.1	34	0.6	3.1	3.1	43	0.34	0.062
1067759	Soil	0.239	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067760	Soil	0.060	2.2	94.5	28.2	137	0.7	10.8	8.5	629	1.84	24.7	37.0	4.3	35	1.3	4.3	1.9	38	0.35	0.064
1067761	Soil	0.038	5.3	127.4	49.6	169	0.9	13.8	19.9	424	3.51	76.2	30.3	7.6	41	1.3	7.4	2.8	53	0.35	0.076
1067762	Soil	0.031	3.3	111.5	37.1	131	0.8	12.0	15.9	610	2.44	32.0	32.2	5.2	34	1.5	6.0	2.1	49	0.35	0.067
1067763	Soil	0.033	5.7	98.0	18.4	53	1.7	5.8	4.1	137	1.83	14.8	50.5	1.8	30	0.5	5.3	2.8	33	0.25	0.069
1067764	Soil	0.018	5.6	74.4	19.4	65	0.8	8.4	4.5	191	2.33	21.2	19.5	2.4	48	0.4	4.5	2.6	45	0.27	0.069
1067765	Soil	0.018	5.0	75.9	18.7	63	0.9	8.0	4.5	180	2.21	20.9	22.1	2.0	51	0.7	3.8	2.6	46	0.27	0.069

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067736	Soil	12	21	0.35	104	0.071	<1	1.13	0.010	0.08	0.3	<0.01	2.3	0.1	<0.05	6	<0.5	0.2
1067737	Soil	16	21	0.40	340	0.031	1	1.55	0.015	0.07	0.2	0.06	3.3	0.1	0.07	4	<0.5	<0.2
1067738	Soil	13	18	0.38	197	0.031	1	1.35	0.014	0.06	0.3	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
1067739	Soil	14	17	0.36	178	0.030	1	1.28	0.013	0.05	0.3	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1067740	Soil	14	16	0.29	168	0.033	<1	1.05	0.012	0.05	0.5	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1067741	Soil	15	18	0.37	212	0.041	1	1.28	0.014	0.06	0.3	0.04	2.3	0.1	<0.05	4	0.7	<0.2
1067742	Soil	14	21	0.42	219	0.035	2	1.45	0.014	0.06	0.1	0.02	2.7	0.1	<0.05	4	0.5	<0.2
1067743	Soil	13	19	0.39	222	0.035	<1	1.35	0.018	0.06	0.2	0.04	2.8	0.1	<0.05	3	0.6	<0.2
1067744	Soil	14	20	0.41	241	0.028	1	1.46	0.015	0.06	0.2	0.06	2.8	0.1	<0.05	4	0.7	<0.2
1067745	Soil	14	18	0.38	245	0.028	1	1.46	0.015	0.06	0.2	0.04	2.8	0.1	<0.05	4	<0.5	<0.2
1067746	Soil	13	16	0.30	200	0.035	<1	1.27	0.029	0.05	0.2	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
1067747	Soil	13	16	0.42	329	0.019	2	1.54	0.018	0.08	0.2	0.10	2.7	0.1	<0.05	4	<0.5	<0.2
1067748	Soil	12	15	0.38	443	0.026	3	1.34	0.029	0.07	0.1	0.09	2.2	0.1	0.12	3	<0.5	<0.2
1067749	Soil	14	20	0.42	240	0.041	2	1.59	0.028	0.07	0.3	0.11	3.8	0.2	0.07	4	<0.5	0.3
1067750	Soil	16	24	0.42	331	0.039	1	1.59	0.023	0.07	0.2	0.12	4.4	0.2	0.09	5	<0.5	0.3
1067751	Soil	21	25	0.40	348	0.029	3	2.19	0.016	0.10	0.2	0.17	5.5	0.4	0.08	5	<0.5	0.8
1067752	Soil	19	13	0.25	246	0.054	3	0.87	0.027	0.08	0.2	0.10	3.1	0.1	0.14	3	<0.5	<0.2
1067753	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067754	Soil	15	16	0.31	223	0.065	<1	1.11	0.028	0.06	0.2	0.05	3.1	0.1	<0.05	4	<0.5	0.2
1067755	Soil	20	21	0.42	306	0.044	2	1.57	0.023	0.09	0.3	0.10	4.6	0.2	<0.05	5	<0.5	0.2
1067756	Soil	11	14	0.28	172	0.044	<1	1.00	0.029	0.05	0.2	0.05	2.2	0.1	<0.05	3	<0.5	<0.2
1067757	Soil	19	25	0.54	306	0.070	1	1.43	0.017	0.08	0.3	0.07	3.9	0.2	<0.05	5	<0.5	0.3
1067758	Soil	17	21	0.46	212	0.058	<1	1.29	0.016	0.07	0.3	0.08	3.2	0.1	<0.05	4	<0.5	<0.2
1067759	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067760	Soil	17	18	0.40	245	0.053	1	1.08	0.023	0.06	0.2	0.05	2.8	0.1	<0.05	3	<0.5	<0.2
1067761	Soil	22	26	0.45	364	0.040	1	1.61	0.014	0.08	0.3	0.09	4.9	0.2	<0.05	5	<0.5	0.3
1067762	Soil	17	23	0.50	306	0.050	<1	1.40	0.017	0.07	0.2	0.09	3.9	0.2	<0.05	4	<0.5	<0.2
1067763	Soil	12	14	0.27	160	0.042	<1	0.95	0.024	0.05	0.2	0.07	2.0	0.2	<0.05	3	<0.5	<0.2
1067764	Soil	12	19	0.40	186	0.056	1	1.14	0.021	0.09	0.1	0.07	2.7	0.2	<0.05	4	0.6	<0.2
1067765	Soil	13	18	0.35	217	0.051	<1	1.10	0.020	0.07	0.1	0.08	2.5	0.2	<0.05	4	0.7	0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067766	Soil	<0.005	1.0	27.9	6.5	29	0.5	3.4	2.2	73	1.38	4.5	7.3	0.5	23	0.3	1.0	0.6	26	0.19	0.053
1067767	Soil	0.016	4.5	65.0	18.5	78	0.4	12.6	6.0	206	2.63	32.1	12.2	3.5	30	0.4	3.3	1.1	55	0.27	0.072
1067768	Soil	0.019	9.7	114.6	21.0	60	0.5	8.4	4.7	179	3.08	27.3	31.5	5.0	40	0.4	5.8	2.6	46	0.20	0.058
1067769	Soil	0.013	6.2	56.1	11.6	37	0.7	5.8	3.2	116	2.46	11.1	15.6	2.0	32	0.3	3.3	2.1	34	0.21	0.062
1067770	Soil	0.030	5.9	80.6	17.7	37	1.0	6.4	3.5	82	3.51	14.3	22.3	1.5	35	0.4	3.1	2.2	39	0.22	0.072
1067771	Soil	0.071	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067772	Soil	0.014	1.2	17.9	32.7	77	0.4	12.3	7.3	433	2.28	15.0	9.7	4.0	41	0.5	1.4	0.4	49	0.43	0.062
1067773	Soil	0.009	1.0	16.0	33.9	68	0.3	11.0	6.4	333	1.94	13.7	9.5	3.7	36	0.3	1.2	0.4	47	0.39	0.055
1067774	Soil	0.007	1.0	17.6	24.4	76	0.4	12.0	5.9	320	2.20	14.9	8.7	2.4	44	0.3	1.2	0.4	43	0.40	0.051
1067775	Soil	<0.005	0.6	14.3	18.3	53	0.1	12.6	6.0	280	1.77	7.3	5.1	3.6	35	0.3	0.8	0.3	43	0.41	0.055
1067776	Soil	0.016	0.8	25.0	27.8	81	0.5	16.0	7.3	336	2.28	10.6	22.5	3.0	47	0.6	1.1	0.4	55	0.46	0.065
1067777	Soil	0.007	0.7	15.3	17.2	52	0.2	11.0	8.7	503	1.82	8.0	5.1	2.8	35	0.3	0.6	0.3	43	0.37	0.059
1067778	Soil	0.108	1.0	19.5	14.7	62	0.4	11.8	6.6	345	1.91	8.8	5.0	1.3	52	0.4	0.7	0.3	44	0.47	0.079
1067779	Soil	0.047	1.4	41.8	28.2	97	0.8	18.3	8.1	388	2.96	20.5	14.7	2.5	61	0.5	1.9	0.5	58	0.56	0.075
1067780	Soil	0.025	0.9	18.5	30.7	97	0.3	6.6	5.7	305	1.91	23.1	97.1	2.2	34	0.5	1.9	0.5	47	0.28	0.038
1067781	Soil	0.010	0.5	10.2	10.6	22	1.1	3.7	2.7	133	1.04	7.2	5.4	0.3	31	0.1	0.4	0.1	26	0.25	0.050
1067782	Soil	0.020	1.4	20.1	36.7	93	0.5	11.4	7.3	438	2.54	25.9	13.2	2.8	40	0.5	1.3	0.7	56	0.38	0.042
1067783	Soil	0.013	0.9	17.1	42.9	81	0.3	8.4	6.5	411	1.96	21.1	28.0	3.1	29	0.5	1.8	0.6	43	0.28	0.029
1067784	Soil	0.035	1.0	27.6	36.8	86	0.4	11.2	7.1	273	2.09	19.5	14.5	4.0	26	0.7	1.8	0.5	48	0.32	0.035
1067785	Soil	0.032	1.0	31.6	46.0	97	0.8	9.7	7.3	474	2.30	22.9	18.0	3.7	26	0.6	2.7	0.7	49	0.33	0.051
1067786	Soil	0.029	1.3	35.1	40.0	105	1.6	11.0	10.5	1399	2.17	16.0	27.0	2.1	39	1.1	2.5	0.7	43	0.40	0.072
1067787	Soil	0.016	0.8	24.8	32.9	83	0.5	11.5	7.2	252	1.97	11.1	30.5	4.5	27	0.5	1.6	0.5	47	0.34	0.054
1067788	Soil	0.026	1.4	41.3	51.7	114	0.7	13.6	7.0	285	2.60	21.7	20.3	4.1	38	0.4	3.2	0.8	66	0.41	0.065
1067789	Soil	0.016	0.9	20.7	28.5	72	0.3	10.7	6.2	231	2.01	11.7	8.1	3.0	26	0.6	1.4	0.4	48	0.35	0.069
1067790	Soil	0.011	0.6	10.0	14.9	38	<0.1	7.2	5.0	193	1.34	9.3	19.6	2.8	17	0.2	0.7	0.3	41	0.20	0.031
1067791	Soil	0.005	0.6	14.0	17.0	47	<0.1	11.0	5.8	223	1.97	11.7	5.3	3.4	19	0.2	0.8	0.2	44	0.25	0.043
1067792	Soil	<0.005	0.9	20.4	18.0	45	0.5	12.8	6.0	167	2.18	10.8	10.3	3.2	22	0.4	0.6	0.2	52	0.27	0.042
1067793	Soil	0.011	1.0	24.0	44.7	94	0.1	13.8	8.8	441	3.05	28.2	17.0	4.2	19	0.6	1.7	0.4	61	0.22	0.057
1067794	Soil	0.020	0.9	19.1	42.7	86	0.2	14.0	7.9	269	2.60	18.3	7.6	3.2	17	0.3	1.3	0.4	57	0.23	0.061
1067795	Soil	0.011	0.9	19.4	39.1	84	0.2	8.1	7.5	286	2.11	17.9	8.5	1.2	15	0.4	2.0	0.5	47	0.18	0.053

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067766	Soil		5	9	0.16	95	0.043	<1	0.51	0.029	0.04	<0.1	0.04	1.0	<0.1	<0.05	2	<0.5	<0.2
1067767	Soil		12	26	0.47	166	0.077	<1	1.38	0.017	0.14	0.1	0.05	3.7	0.2	<0.05	5	<0.5	<0.2
1067768	Soil		15	17	0.44	162	0.068	<1	1.12	0.018	0.11	0.3	0.02	2.9	0.2	<0.05	4	0.5	<0.2
1067769	Soil		11	12	0.28	131	0.046	1	0.79	0.017	0.06	0.2	0.03	1.7	0.2	<0.05	3	0.6	<0.2
1067770	Soil		11	13	0.21	159	0.039	<1	1.03	0.019	0.05	0.2	0.07	2.2	0.1	0.06	3	0.5	<0.2
1067771	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067772	Soil		13	25	0.46	274	0.067	1	1.37	0.028	0.08	0.1	0.04	4.2	0.1	<0.05	4	<0.5	<0.2
1067773	Soil		15	22	0.47	219	0.071	<1	1.30	0.022	0.07	0.2	0.03	3.3	0.1	<0.05	4	<0.5	<0.2
1067774	Soil		9	24	0.44	269	0.047	2	1.64	0.034	0.09	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
1067775	Soil		13	24	0.48	210	0.082	<1	1.22	0.021	0.07	0.2	0.02	3.2	0.1	<0.05	4	<0.5	<0.2
1067776	Soil		16	32	0.56	350	0.059	1	1.96	0.020	0.08	0.1	0.07	5.0	0.2	<0.05	6	<0.5	<0.2
1067777	Soil		12	21	0.46	211	0.058	<1	1.28	0.018	0.07	0.2	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1067778	Soil		11	23	0.46	279	0.052	1	1.23	0.018	0.06	0.1	0.05	2.7	<0.1	<0.05	4	<0.5	<0.2
1067779	Soil		19	33	0.60	485	0.055	1	2.20	0.017	0.10	0.2	0.09	5.3	0.2	<0.05	6	<0.5	<0.2
1067780	Soil		8	13	0.34	166	0.061	<1	0.80	0.029	0.08	0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1067781	Soil		4	6	0.14	115	0.027	<1	0.61	0.044	0.04	<0.1	0.03	1.1	<0.1	<0.05	2	<0.5	<0.2
1067782	Soil		13	24	0.56	222	0.085	2	1.59	0.019	0.09	0.3	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1067783	Soil		11	17	0.46	153	0.069	1	1.13	0.022	0.09	0.3	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1067784	Soil		14	22	0.51	200	0.069	<1	1.34	0.016	0.09	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1067785	Soil		15	21	0.46	198	0.051	1	1.49	0.021	0.08	0.2	0.06	3.6	0.1	<0.05	4	<0.5	<0.2
1067786	Soil		12	22	0.37	333	0.028	2	2.01	0.020	0.08	0.2	0.08	3.6	0.2	<0.05	5	<0.5	<0.2
1067787	Soil		15	22	0.48	211	0.063	<1	1.47	0.018	0.07	0.2	0.03	3.4	0.1	<0.05	4	<0.5	<0.2
1067788	Soil		16	29	0.47	341	0.056	2	2.16	0.020	0.09	0.3	0.06	5.1	0.2	<0.05	6	<0.5	<0.2
1067789	Soil		13	22	0.49	160	0.071	1	1.46	0.016	0.06	0.2	0.03	2.6	0.1	<0.05	4	0.5	<0.2
1067790	Soil		9	15	0.33	84	0.060	<1	0.91	0.013	0.06	0.1	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1067791	Soil		11	21	0.43	106	0.066	<1	1.27	0.015	0.07	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1067792	Soil		11	26	0.44	134	0.078	1	1.78	0.014	0.07	0.2	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1067793	Soil		12	24	0.50	137	0.078	<1	1.72	0.014	0.09	0.2	0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1067794	Soil		12	23	0.49	157	0.073	1	1.67	0.016	0.10	0.2	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1067795	Soil		9	16	0.35	94	0.042	<1	1.09	0.021	0.08	0.1	0.01	1.7	0.1	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

Method		G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067796	Soil	0.012	0.9	20.5	33.2	79	0.3	12.2	7.6	265	2.29	16.0	12.4	3.8	18	0.3	1.6	0.5	50	0.24	0.048
1067800	Soil	0.112	1.9	31.7	109.6	154	1.1	9.3	6.5	491	2.14	48.1	29.0	4.1	31	1.1	4.3	2.5	42	0.29	0.057
1067801	Soil	0.025	1.8	19.9	49.0	95	0.7	8.5	6.2	405	1.77	32.0	17.8	2.3	23	1.1	2.5	1.3	43	0.26	0.050
1067802	Soil	0.065	1.8	29.7	49.4	106	2.8	9.2	4.5	166	1.75	25.8	56.7	1.4	28	0.9	2.9	1.3	41	0.33	0.083
1067803	Soil	0.021	1.5	13.8	45.8	73	0.7	7.0	4.4	197	1.42	24.4	29.9	3.2	19	0.5	2.2	0.8	34	0.28	0.056
1067804	Soil	0.048	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067805	Soil	0.054	2.6	29.9	112.5	131	2.2	11.4	6.4	342	2.09	47.3	52.1	3.0	35	1.0	4.0	2.3	43	0.41	0.072
1067806	Soil	0.061	1.5	37.7	127.5	136	2.7	14.7	4.6	247	1.30	15.0	58.2	2.7	35	1.4	2.8	2.2	41	0.42	0.071
1067807	Soil	0.064	1.5	47.7	124.8	133	2.6	11.7	4.8	184	1.41	18.8	70.2	2.8	37	2.5	3.6	2.1	47	0.44	0.068
1067808	Soil	0.063	1.2	24.5	98.6	122	2.5	9.0	5.3	271	1.80	20.3	63.7	2.8	32	0.8	3.2	1.9	40	0.41	0.071
1067809	Soil	0.067	1.2	29.9	118.5	123	2.4	9.5	5.1	269	1.55	19.1	65.2	2.7	36	0.9	3.2	2.1	34	0.45	0.064
1067810	Soil	0.075	0.8	30.4	117.4	140	2.6	10.6	4.2	99	1.17	14.1	62.8	2.7	38	2.4	2.7	1.8	48	0.49	0.061
1067811	Soil	0.070	2.0	32.6	89.3	134	2.8	10.7	4.9	215	1.57	62.7	53.9	1.4	58	2.4	3.9	1.7	51	0.73	0.079
1067812	Soil	0.052	0.5	27.4	84.9	102	1.8	8.8	3.2	111	1.04	9.2	47.0	2.6	36	2.6	2.5	1.3	35	0.49	0.057
1067813	Soil	0.047	2.4	21.7	91.8	113	1.8	8.7	5.6	418	2.93	102.5	75.4	2.1	46	1.4	2.8	1.5	56	0.55	0.070
1067814	Soil	0.043	1.2	22.7	119.5	145	2.0	10.1	7.2	556	2.77	22.4	58.2	4.0	36	1.2	2.5	1.9	50	0.43	0.061
1067815	Soil	0.036	0.8	34.3	83.0	110	1.7	10.4	4.7	239	1.33	12.9	61.0	3.6	44	2.5	3.0	1.3	50	0.53	0.056
1067816	Soil	0.031	1.1	25.9	70.8	102	1.3	8.9	4.0	202	1.43	16.6	44.0	3.4	37	1.7	2.5	1.1	45	0.48	0.060
1067817	Soil	0.036	0.5	21.5	57.5	94	1.1	8.0	3.9	160	1.18	12.0	28.8	2.3	40	0.8	1.4	0.9	37	0.49	0.064
1067818	Soil	0.030	0.9	85.7	94.0	120	1.8	12.3	3.9	238	0.95	6.0	42.3	3.1	46	11.5	3.3	1.3	39	0.54	0.067
1067819	Soil	0.022	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067820	Soil	0.013	2.1	31.7	48.9	101	0.8	7.8	5.0	401	1.47	15.4	20.3	2.8	34	3.2	1.3	0.7	56	0.42	0.086
1067821	Soil	0.020	1.7	18.3	60.6	127	0.7	8.5	4.8	498	1.40	21.2	55.1	5.6	35	1.0	1.7	0.8	41	0.45	0.063
1067822	Soil	0.024	5.4	39.6	64.4	138	1.0	12.4	7.1	1475	2.29	38.4	32.7	4.7	46	2.5	2.1	1.1	48	0.51	0.060
1067823	Soil	0.014	1.7	40.5	59.7	110	0.8	10.0	5.8	525	1.53	16.6	20.9	2.3	47	3.0	1.5	1.1	47	0.50	0.076
1067824	Soil	0.026	3.0	29.8	60.9	120	0.6	8.8	8.0	441	2.34	27.4	21.1	3.1	33	0.4	3.9	1.4	47	0.42	0.039
1067825	Soil	0.008	2.3	23.9	42.1	96	0.5	9.5	7.9	454	2.12	22.3	13.7	2.8	33	0.4	2.7	0.8	43	0.45	0.037
1067826	Soil	0.020	2.5	31.3	42.2	91	1.2	8.3	5.2	303	2.03	21.8	22.4	2.1	35	0.5	2.9	1.0	42	0.47	0.053
1067827	Soil	0.019	2.4	33.8	57.8	101	0.5	9.4	6.5	347	2.26	24.9	22.5	3.2	30	0.5	3.3	1.3	49	0.39	0.052
1067828	Soil	0.013	1.9	20.5	42.0	87	0.6	8.9	6.9	327	1.87	17.6	17.3	3.0	25	0.3	2.6	0.8	42	0.35	0.038

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067796	Soil	11	22	0.48	106	0.065	1	1.48	0.015	0.08	0.2	0.01	3.0	0.1	<0.05	4	0.8	<0.2
1067800	Soil	16	16	0.36	241	0.038	1	1.06	0.020	0.12	0.3	0.04	2.9	0.2	<0.05	3	0.7	0.3
1067801	Soil	13	16	0.37	224	0.049	1	1.01	0.021	0.09	0.3	0.04	2.4	0.1	<0.05	3	0.9	0.4
1067802	Soil	16	21	0.41	306	0.035	1	1.75	0.017	0.12	0.2	0.10	3.0	0.2	<0.05	5	0.8	<0.2
1067803	Soil	15	14	0.36	157	0.044	<1	0.96	0.014	0.07	0.3	0.04	2.1	0.1	<0.05	3	<0.5	<0.2
1067804	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067805	Soil	19	21	0.40	330	0.033	2	1.62	0.016	0.12	0.4	0.11	3.7	0.2	<0.05	4	0.9	0.3
1067806	Soil	19	25	0.41	354	0.032	<1	1.76	0.018	0.12	0.3	0.08	4.1	0.2	<0.05	5	<0.5	<0.2
1067807	Soil	20	22	0.39	343	0.026	2	1.74	0.018	0.11	0.3	0.13	4.2	0.2	<0.05	5	0.7	0.3
1067808	Soil	18	19	0.40	281	0.028	1	1.59	0.014	0.10	0.2	0.13	3.7	0.2	<0.05	5	<0.5	0.3
1067809	Soil	18	21	0.40	319	0.021	1	1.71	0.016	0.11	0.2	0.12	3.8	0.2	<0.05	5	<0.5	<0.2
1067810	Soil	17	20	0.40	348	0.018	<1	1.73	0.017	0.10	0.2	0.13	3.7	0.2	<0.05	5	0.6	<0.2
1067811	Soil	18	20	0.35	403	0.020	2	1.72	0.021	0.10	0.2	0.12	3.3	0.2	0.08	4	0.8	0.3
1067812	Soil	17	17	0.34	276	0.036	2	1.46	0.017	0.09	0.2	0.09	3.6	0.2	<0.05	4	<0.5	<0.2
1067813	Soil	14	19	0.36	324	0.027	<1	1.58	0.019	0.08	0.3	0.11	3.2	0.2	<0.05	4	<0.5	<0.2
1067814	Soil	17	22	0.43	303	0.028	2	1.84	0.015	0.11	0.2	0.10	4.6	0.2	<0.05	5	<0.5	0.3
1067815	Soil	19	22	0.37	325	0.027	1	1.65	0.014	0.09	<0.1	0.09	4.2	0.2	0.07	5	<0.5	<0.2
1067816	Soil	17	19	0.36	258	0.034	<1	1.48	0.017	0.09	0.2	0.09	3.9	0.2	<0.05	4	0.6	<0.2
1067817	Soil	12	18	0.30	230	0.031	<1	1.37	0.021	0.07	0.1	0.08	3.2	0.2	0.06	4	0.6	<0.2
1067818	Soil	20	24	0.30	350	0.041	1	1.54	0.016	0.08	0.2	0.13	5.0	0.2	<0.05	4	2.0	<0.2
1067819	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067820	Soil	11	14	0.28	218	0.089	1	1.05	0.027	0.06	0.2	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
1067821	Soil	16	17	0.46	252	0.059	<1	1.38	0.025	0.08	0.3	0.07	3.5	0.3	<0.05	4	<0.5	<0.2
1067822	Soil	17	25	0.44	391	0.041	<1	1.70	0.026	0.08	0.2	0.08	4.6	0.2	<0.05	5	<0.5	<0.2
1067823	Soil	13	19	0.36	285	0.034	2	1.26	0.021	0.05	0.2	0.09	2.9	0.2	0.09	4	<0.5	<0.2
1067824	Soil	12	16	0.49	226	0.045	1	1.29	0.023	0.07	0.3	0.04	2.6	0.1	0.07	4	<0.5	<0.2
1067825	Soil	10	18	0.42	197	0.043	1	1.14	0.017	0.06	0.3	0.03	2.4	0.1	0.08	3	<0.5	<0.2
1067826	Soil	11	16	0.33	282	0.031	2	1.09	0.018	0.07	0.2	0.08	2.3	0.1	0.14	4	<0.5	<0.2
1067827	Soil	12	18	0.41	214	0.046	1	1.17	0.015	0.07	0.4	0.04	2.6	0.1	0.07	4	<0.5	0.2
1067828	Soil	12	19	0.43	223	0.050	1	1.21	0.015	0.06	0.4	0.04	2.4	0.1	0.06	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

Method		G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1067829	Soil	0.029	1.9	49.9	57.4	98	1.0	11.4	6.7	292	2.40	24.3	33.7	3.6	32	0.6	3.5	1.6	48	0.40	0.066
1067830	Soil	0.027	1.8	61.2	48.5	94	0.8	12.7	9.1	371	2.22	19.1	30.8	2.7	33	0.9	2.7	1.2	48	0.41	0.061
1067831	Soil	0.029	1.7	61.7	52.2	96	1.1	12.7	9.1	443	2.36	21.7	31.0	2.1	36	0.9	2.5	1.3	49	0.46	0.065
1067832	Soil	0.077	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067833	Soil	0.021	1.4	31.2	30.3	67	0.6	12.1	6.4	271	1.94	15.2	17.8	3.4	38	0.3	1.3	0.8	45	0.46	0.056
1067834	Soil	0.046	1.7	27.5	28.0	92	0.4	10.5	5.4	346	2.04	22.3	24.3	4.3	29	0.3	1.9	1.1	42	0.35	0.045
1067835	Soil	0.028	2.5	42.3	46.8	129	0.8	12.4	8.1	1109	2.46	38.7	25.0	3.5	61	1.2	2.2	1.2	46	0.62	0.063
1067836	Soil	0.034	4.1	43.7	56.2	207	0.8	13.1	10.0	2402	2.61	54.6	31.8	4.8	62	2.1	2.3	1.4	43	0.67	0.066
1067837	Soil	0.038	2.4	61.8	103.6	234	1.2	13.0	11.4	1534	1.87	24.8	43.6	5.7	83	1.7	2.4	1.9	43	0.87	0.065
1067838	Soil	0.029	3.3	63.2	64.8	227	0.9	14.5	9.6	823	2.21	47.7	29.7	4.8	79	2.6	2.8	1.4	47	0.83	0.067

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

CERTIFICATE OF ANALYSIS WHI11001812.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1067829	Soil	16	21	0.44	364	0.038	2	1.59	0.015	0.08	0.2	0.07	3.4	0.2	0.07	5	<0.5	0.3
1067830	Soil	16	24	0.42	335	0.038	1	1.49	0.014	0.07	0.3	0.04	3.2	0.1	0.08	4	<0.5	<0.2
1067831	Soil	15	23	0.43	395	0.029	<1	1.65	0.013	0.07	0.2	0.06	3.1	0.2	0.09	5	<0.5	0.2
1067832	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1067833	Soil	13	25	0.46	207	0.046	1	1.42	0.014	0.05	0.2	0.03	2.7	0.1	0.13	4	<0.5	<0.2
1067834	Soil	11	22	0.44	178	0.048	<1	1.23	0.012	0.05	0.2	0.02	2.4	0.1	0.07	4	<0.5	<0.2
1067835	Soil	14	21	0.41	202	0.035	1	1.42	0.016	0.05	0.2	0.04	3.2	0.1	0.13	4	<0.5	0.3
1067836	Soil	16	21	0.42	244	0.040	2	1.30	0.017	0.07	0.2	0.05	3.5	0.1	0.20	4	<0.5	0.2
1067837	Soil	19	22	0.47	302	0.029	2	1.55	0.049	0.07	0.2	0.07	4.1	0.2	0.18	4	<0.5	0.2
1067838	Soil	17	20	0.36	327	0.038	3	1.28	0.024	0.07	0.3	0.08	3.4	0.2	0.32	4	0.7	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001812.1

	Method	G6	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1067684	Soil	0.016	2.7	95.0	18.0	95	0.2	7.7	7.5	167	1.65	6.8	9.8	4.3	26	1.3	1.5	0.4	31	0.29	0.078
REP 1067684	QC		2.6	96.8	18.3	97	0.2	7.5	7.1	173	1.74	7.1	15.2	4.3	28	1.5	1.6	0.4	32	0.30	0.080
1067693	Soil	0.006	2.1	47.3	15.1	63	0.2	9.2	6.0	508	3.38	45.9	26.9	1.8	70	0.6	1.3	0.5	67	0.54	0.095
REP 1067693	QC		1.9	48.2	14.7	67	0.2	8.8	6.7	515	3.47	43.8	27.9	1.9	70	0.7	1.2	0.6	68	0.54	0.095
1067700	Soil	0.167	2.5	47.7	81.8	132	0.8	8.7	5.1	304	2.44	86.3	198.4	5.7	25	0.8	5.3	3.9	43	0.28	0.050
REP 1067700	QC	0.148																			
1067715	Soil	0.040	2.6	80.3	39.5	84	1.2	8.8	8.3	309	3.10	46.3	93.7	5.9	25	0.3	7.0	3.0	41	0.28	0.082
REP 1067715	QC	0.045																			
1067728	Soil	0.056	10.6	78.3	17.2	46	0.4	8.6	7.5	355	3.05	20.1	53.9	6.5	75	0.1	7.3	4.9	50	0.18	0.067
REP 1067728	QC		10.3	77.7	17.1	44	0.4	8.2	7.2	356	3.06	19.9	72.2	6.7	74	0.3	7.0	4.9	50	0.18	0.069
1067743	Soil	0.019	1.3	14.8	35.3	103	0.5	10.0	5.6	161	1.62	15.3	13.2	1.4	49	0.7	0.7	0.3	35	0.48	0.068
REP 1067743	QC		1.1	16.0	35.8	106	0.5	10.2	5.6	165	1.66	14.8	10.5	1.4	50	0.6	0.7	0.3	35	0.49	0.066
1067747	Soil	0.053	2.6	28.4	44.3	145	1.7	10.9	6.1	534	1.86	41.9	44.4	1.3	118	1.8	2.6	2.8	33	0.98	0.080
REP 1067747	QC	0.049																			
1067756	Soil	0.018	1.7	38.0	21.8	98	0.5	7.7	6.7	316	2.32	65.7	16.8	2.7	27	0.8	2.1	1.4	43	0.23	0.056
REP 1067756	QC		1.7	39.1	21.6	97	0.5	7.7	6.7	315	2.30	67.4	16.3	2.6	27	0.9	2.0	1.5	42	0.23	0.053
1067778	Soil	0.108	1.0	19.5	14.7	62	0.4	11.8	6.6	345	1.91	8.8	5.0	1.3	52	0.4	0.7	0.3	44	0.47	0.079
REP 1067778	QC		1.0	20.6	15.0	60	0.4	11.5	6.8	356	1.92	8.8	7.1	1.4	52	0.4	0.7	0.3	43	0.48	0.080
1067789	Soil	0.016	0.9	20.7	28.5	72	0.3	10.7	6.2	231	2.01	11.7	8.1	3.0	26	0.6	1.4	0.4	48	0.35	0.069
REP 1067789	QC		0.9	20.3	27.5	74	0.2	9.9	6.2	230	1.96	12.0	11.6	3.0	25	0.4	1.5	0.4	45	0.34	0.065
1067806	Soil	0.061	1.5	37.7	127.5	136	2.7	14.7	4.6	247	1.30	15.0	58.2	2.7	35	1.4	2.8	2.2	41	0.42	0.071
REP 1067806	QC	0.062																			
1067808	Soil	0.063	1.2	24.5	98.6	122	2.5	9.0	5.3	271	1.80	20.3	63.7	2.8	32	0.8	3.2	1.9	40	0.41	0.071
REP 1067808	QC		1.3	24.1	98.5	122	2.4	9.2	5.3	272	1.79	19.5	87.1	3.0	32	1.0	3.1	1.8	40	0.40	0.067
1067820	Soil	0.013	2.1	31.7	48.9	101	0.8	7.8	5.0	401	1.47	15.4	20.3	2.8	34	3.2	1.3	0.7	56	0.42	0.086
REP 1067820	QC	0.015																			
1067828	Soil	0.013	1.9	20.5	42.0	87	0.6	8.9	6.9	327	1.87	17.6	17.3	3.0	25	0.3	2.6	0.8	42	0.35	0.038
REP 1067828	QC		1.8	20.0	41.6	86	0.6	8.8	6.6	324	1.85	17.5	31.0	3.0	25	0.3	2.7	0.8	42	0.34	0.039

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001812.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1067684	Soil	15	12	0.26	125	0.035	<1	0.78	0.010	0.05	0.2	0.03	2.1	<0.1	<0.05	2	<0.5	<0.2
REP 1067684	QC	16	13	0.26	126	0.034	<1	0.78	0.013	0.05	0.2	0.04	2.3	<0.1	<0.05	2	<0.5	<0.2
1067693	Soil	11	17	0.27	198	0.037	<1	1.01	0.013	0.04	0.2	0.07	2.4	<0.1	0.10	3	<0.5	<0.2
REP 1067693	QC	12	18	0.27	200	0.037	<1	1.01	0.013	0.04	0.2	0.07	2.3	<0.1	0.06	3	0.7	<0.2
1067700	Soil	17	17	0.37	257	0.065	<1	0.97	0.019	0.12	0.1	0.03	4.1	0.2	<0.05	3	0.9	0.3
REP 1067700	QC																	
1067715	Soil	22	17	0.35	362	0.023	1	1.25	0.010	0.08	0.3	0.09	4.6	0.2	<0.05	4	0.8	0.4
REP 1067715	QC																	
1067728	Soil	15	17	0.48	255	0.062	1	1.12	0.049	0.22	0.3	<0.01	3.2	0.3	0.35	5	1.3	<0.2
REP 1067728	QC	15	17	0.49	245	0.061	<1	1.14	0.054	0.21	3.0	<0.01	3.1	0.3	0.37	5	0.9	<0.2
1067743	Soil	13	19	0.39	222	0.035	<1	1.35	0.018	0.06	0.2	0.04	2.8	0.1	<0.05	3	0.6	<0.2
REP 1067743	QC	13	19	0.40	222	0.034	1	1.37	0.016	0.06	0.2	0.06	2.5	0.1	<0.05	4	0.5	<0.2
1067747	Soil	13	16	0.42	329	0.019	2	1.54	0.018	0.08	0.2	0.10	2.7	0.1	<0.05	4	<0.5	<0.2
REP 1067747	QC																	
1067756	Soil	11	14	0.28	172	0.044	<1	1.00	0.029	0.05	0.2	0.05	2.2	0.1	<0.05	3	<0.5	<0.2
REP 1067756	QC	11	14	0.28	180	0.047	<1	1.02	0.034	0.05	0.1	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
1067778	Soil	11	23	0.46	279	0.052	1	1.23	0.018	0.06	0.1	0.05	2.7	<0.1	<0.05	4	<0.5	<0.2
REP 1067778	QC	11	23	0.45	287	0.048	1	1.23	0.018	0.06	0.1	0.05	2.8	<0.1	<0.05	4	<0.5	<0.2
1067789	Soil	13	22	0.49	160	0.071	1	1.46	0.016	0.06	0.2	0.03	2.6	0.1	<0.05	4	0.5	<0.2
REP 1067789	QC	12	22	0.48	154	0.065	<1	1.38	0.016	0.06	0.2	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1067806	Soil	19	25	0.41	354	0.032	<1	1.76	0.018	0.12	0.3	0.08	4.1	0.2	<0.05	5	<0.5	<0.2
REP 1067806	QC																	
1067808	Soil	18	19	0.40	281	0.028	1	1.59	0.014	0.10	0.2	0.13	3.7	0.2	<0.05	5	<0.5	0.3
REP 1067808	QC	18	20	0.39	279	0.028	1	1.57	0.014	0.10	0.2	0.11	3.6	0.2	<0.05	5	0.6	<0.2
1067820	Soil	11	14	0.28	218	0.089	1	1.05	0.027	0.06	0.2	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
REP 1067820	QC																	
1067828	Soil	12	19	0.43	223	0.050	1	1.21	0.015	0.06	0.4	0.04	2.4	0.1	0.06	4	<0.5	<0.2
REP 1067828	QC	12	18	0.44	226	0.052	2	1.22	0.015	0.07	0.3	0.03	2.5	0.1	0.13	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001812.1

		G6 Au gm/t 0.005	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard		12.7	104.2	133.2	301	1.8	35.4	7.3	602	2.38	24.5	116.1	7.7	80	2.3	6.2	7.4	42	0.72	0.073
STD DS8	Standard		13.2	108.2	129.4	306	1.8	37.0	7.1	617	2.42	26.8	119.7	7.6	64	2.5	6.5	5.2	42	0.72	0.076
STD DS8	Standard		12.2	108.4	127.1	303	1.7	37.5	7.2	580	2.31	25.1	115.4	6.2	72	2.1	5.3	6.2	40	0.64	0.074
STD DS8	Standard		13.7	111.6	129.5	307	1.9	39.8	7.7	612	2.45	26.0	104.2	6.9	75	2.1	5.5	6.5	42	0.65	0.077
STD DS8	Standard		13.6	110.1	130.2	301	1.6	37.2	7.8	582	2.36	25.2	95.1	7.1	62	2.2	5.3	6.1	41	0.68	0.076
STD OXH82	Standard	1.354																			
STD OXH82	Standard	1.403																			
STD OXH82	Standard	1.371																			
STD OXH82	Standard	1.339																			
STD OXH82	Standard	1.329																			
STD OXH82	Standard	1.329																			
STD OXH82	Standard	1.274																			
STD OXH82	Standard	1.312																			
STD OXH82	Standard	1.263																			
STD OXH82	Standard	1.305																			
STD OXH82 Expected		1.278																			
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001812.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS8	Standard	17	118	0.59	290	0.138	2	0.90	0.105	0.42	2.9	0.18	3.0	5.3	0.12	5	4.4	4.7
STD DS8	Standard	18	117	0.61	286	0.132	3	0.93	0.096	0.42	3.0	0.22	2.7	5.4	0.11	5	4.9	4.8
STD DS8	Standard	13	113	0.59	271	0.108	3	0.93	0.098	0.44	2.8	0.20	3.3	5.4	0.09	5	4.7	4.5
STD DS8	Standard	15	118	0.57	272	0.115	2	0.88	0.108	0.44	2.9	0.18	3.7	5.3	0.08	5	4.7	5.4
STD DS8	Standard	15	113	0.59	249	0.111	3	0.90	0.089	0.36	2.9	0.17	2.0	5.1	0.24	5	4.6	4.7
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82	Standard																	
STD OXH82 Expected																		
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001812.1

		G6 Au gm/t 0.005	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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

Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Etzel Project
Report Date: December 06, 2011

QUALITY CONTROL REPORT WHI11001812.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

APPENDIX 9

Laboratory Methodology

AcmeLabs
CARECOMMITMENTPERFORMANCE

METHOD SPECIFICATIONS
GROUP 3B AND G6 – PRECIOUS METALS BY FIRE ASSAY FUSION

Package Codes: 3B01 to 3B04, G601 to G614
Sample Digestion: Lead-collection fire assay fusion
Instrumentation Method: ICP-ES (3B, G6), ICP-MS (3B-MS), AA (3B, G6), Gravimetric (G6)
Applicability: Rock, Drill Core

Method Description:

Prepared sample is custom-blended with fire-assay fluxes, PbO litharge and a Ag inquart. Firing the charge at 1050 ^{o}C liberates Ag ± Au ± PGEs that report to the molten Pb-metal phase. After cooling the Pb button is recovered, placed in a cupel and fired at 950 ^{o}C to render a Ag ± Au ± PGEs dore bead. The bead is digested for ICP analysis or weighed and parted in ACS grade HNO_3 to dissolve Ag leaving a Au sponge. Au is weighed for Gravimetric determination; ACS grade HCl is added dissolving the Au ± PGE sponge for Instrument determination.

Element	3B Detection	3B Upper Limit	3B-MS Detection	3B-MS Upper Limit
Au	2 ppb	10000 ppb	1 ppb	10000 ppb
Pt	3 ppb	10000 ppb	0.1 ppb	10000 ppb
Pd	2 ppb	10000 ppb	0.5 ppb	10000 ppb

Element	G6 (Inst) Detection	G6 (Inst) Upper Limit	G6 (Grav) Detection	G6 (Grav) Upper Limit
Ag	--	--	50 g/t	1 ton
Au	0.005 g/t	10 g/t	0.9 g/t	1 ton
Pt	0.01 g/t	100 g/t	--	--
Pd	0.01 g/t	100 g/t	--	--

Note:
*Sulphide-rich samples require a 15g or smaller sample for proper fusion.

AcmeLabs
CARECOMMITMENTPERFORMANCE

METHOD SPECIFICATIONS
GROUP 7TD AND 7TX – ASSAY FOUR-ACID DIGESTION

Package Codes: 7TD1, 7TD2, 7TD3, 7TX1
Sample Digestion: HF-HNO_3-$HClO_4$ acid digestion
Instrumentation Method: ICP-ES (7TD, 7TX), ICP-MS (7TX)
Applicability: Rock and Drill Core

Method Description:

Prepared sample is digested to complete dryness with an acid solution of (2:2:1:1) H2O-HF-HClO4-HNO3. 50% HCl is added to the residue and heated using a mixing hot block. After cooling the solutions are made up to volume with dilute HCl in class A volumetric flasks. Sample splits of 0.5g or 0.1g can be analyzed. Very high-grade samples are reweighed at lower weight to accommodate analysis up to 100% upper limit.

Element	Group 7TD Detection	Group 7TX Detection
Ag	2 g/t	0.5 ppm
Al*	0.01%	0.01%
As	0.02%	5 ppm
Ba*	-	5 ppm
Be	-	5 ppm
Bi	0.01%	0.5 ppm
Ca*	0.01%	0.01%
Cd	0.001%	0.5 ppm
Ce	-	5 ppm
Co	0.001%	1 ppm
Cr*	0.001%	1 ppm
Cu	0.001%	0.5 ppm
Fe*	0.01%	0.01%
Hf*	-	0.5 ppm
K	0.01%	0.01%
La	-	0.5 ppm
Li	-	0.5 ppm
Mg	0.01%	0.01%
Mn*	0.01%	5 ppm
Mo	0.001%	0.5 ppm
Na	0.01%	0.01%
Nb*	-	0.5 ppm
Ni	0.001%	0.5 ppm
P	0.01%	0.01%
Pb	0.02%	0.5 ppm

AcmeLabs
CARECOMMITMENTPERFORMANCE

METHOD SPECIFICATIONS
GENERAL SAMPLE PREPARATION METHODS

Receiving: Samples arrive via courier, post or by client drop-off; shipment inspected for completeness.

Sorting and Inspection: Samples sorted and inspected for quality of use (quantity and condition). Pulp samples inspected for homogeneity and fineness.

SOILS

SS80, S230, SSXX Drying and Sieving: Wet or damp soil samples are dried at 60°C (Air dried or 40°C if specified by the client). Soil and sediment sieved to -80 mesh (SS80) or -230 mesh (S230), unless client specifies otherwise (SSXX). Sieves cleaned by brush and compressed air between samples.

SP100, SCP100 Pulverizing: Soils are pulverized to -100 mesh ASTM with an option of using a mild-steel pulverizer (SP100) or a ceramic pulverizer (SCP100), per 100g.

ROCKS AND DRILL CORE

R200-250, R200-500, R200-1000: Rock and Drill Core crushed to 80% passing 10 mesh (2 mm), homogenized, riffle split (250g, 500g, or 1000g subsample) and pulverized to 85% passing 200 mesh (75 microns). Crusher and pulverizer are cleaned by brush and compressed air between routine samples. Granite/Quartz wash scours equipment after high-grade samples, between changes in rock colour and at end of each file. Granite/Quartz is crushed and pulverized as first sample in sequence and carried through to analysis.

P200, PSCB: Samples requiring pulverizing only are dried at 60°C and pulverized to 85% passing 200 mesh (75 microns), using a mild-steel pulverizer (P200), per 250g or a ceramic pulverizer (PSCB), per 100g.

M150, M200s: Rock and Drill Core are crushed, pulverized and sieved, save +150 and -150 mesh fractions (M150) or +200 and -200 mesh fractions (M200) for metallic Au or Cu analysis. Typically 500g samples are sieved.

HPUL: Rock and Drill Core are pulverized by using a mortar and pestle.

VEGETATION

PM1: Plant material is dried then milled to 1mm

VA475: Up to 0.1 kg of wet vegetation is ashed by heating to 475°C.

WWSH: Plant samples are washed with Type-1 water then dried at 60°C prior to analysis, per 100g.

Element	Group 7TD Detection	Group 7TX Detection
Rb	-	0.5 ppm
S*	0.05%	0.05%
Sb	0.01%	0.5 ppm
Sc	-	1 ppm
Sn*	-	0.5 ppm
Sr	0.01%	5 ppm
Ta*	-	0.5 ppm
Th	-	0.5 ppm
Ti*	-	0.001%
U	-	0.5 ppm
V	-	10 ppm
W*	0.01%	0.5 ppm
Y	-	0.5 ppm
Zn	0.01%	5 ppm
Zr*	-	0.5 ppm

Limitations:

*This digestion is only partial for some Cr and Ba minerals and some oxides of Al, Fe, Hf, Mn, Nb, S, Sn, Ta, Ti, W and Zr if refractory minerals are present.

†Volatilization may occur during fuming resulting in some loss of As and Sb.

AcmeLabs
CARECOMMITMENTPERFORMANCE

METHOD SPECIFICATIONS
GROUP 1D AND 1F – GEOCHEMICAL AQUA REGIA DIGESTION

Package Codes: 1D01 to 1D03, 1DX1 to 1DX3, 1F01 to 1F07
Sample Digestion: HNO3-HCl acid digestion
Instrumentation Method: ICP-ES (1D), ICP-MS (1DX, 1F)
Applicability: Sediment, Soil, Non-mineralized Rock and Drill Core

Method Description:

Prepared sample is digested with a modified Aqua Regia solution of equal parts concentrated HCl, HNO3 and DI H2O for one hour in a heating block of hot water bath. Sample is made up to volume with dilute HCl. Sample splits of 0.5g, 15g or 30g can be analyzed.

For 1F07, Lead isotopes (Pb_{204}, Pb_{206}, Pb_{207}, Pb_{208}) are suitable for geochemical exploration of U and other commodities where gross differences in natural to radiogenic Pb ratios, is a benefit. Isotope values can be reported in both concentrations and intensities. Sample splits of 0.25g, 0.5g, 15g or 30g can be analyzed.

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	2 ppb	100 ppm
Al*	0.01%	0.01%	0.01%	10%
As	2 ppm	0.5 ppm	0.1 ppm	10000 ppm
Au	2 ppm	0.5 ppb	0.2 ppb	100 ppm
B*^	20 ppm	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Ca*	0.01%	0.01%	0.01%	40%
Cd	0.5 ppm	0.1 ppm	0.01 ppm	2000 ppm
Co	1 ppm	0.1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	0.01 ppm	10000 ppm
Fe*	0.01%	0.01%	0.01%	40%
Ga*	-	1 ppm	0.1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	5 ppb	50 ppm
K*	0.01%	0.01%	0.01%	10%
La*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Mg*	0.01%	0.01%	0.01%	30%
Mn*	2 ppm	1 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	0.01 ppm	2000 ppm

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Na*	0.01%	0.001%	0.001%	5%
Ni	1 ppm	0.1 ppm	0.1 ppm	10000 ppm
P*	0.001%	0.001%	0.001%	5%
Pb	3 ppm	0.1 ppm	0.01 ppm	10000 ppm
S	0.05%	0.05%	0.02%	10%
Sb	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Sc	-	0.1 ppm	0.1 ppm	100 ppm
Se	-	0.5 ppm	0.1 ppm	100 ppm
Sr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Te	-	0.2 ppm	0.02 ppm	1000 ppm
Th*	2 ppm	0.1 ppm	0.1 ppm	2000 ppm
Ti*	0.01%	0.001%	0.001%	5%
Tl	5 ppm	0.1 ppm	0.02 ppm	1000 ppm
U*	8 ppm	0.1 ppm	0.05 ppm	2000 ppm
V*	1 ppm	2 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	0.05 ppm	100 ppm
Zn	1 ppm	1 ppm	0.1 ppm	10000 ppm
Be*	-	-	0.1 ppm	1000 ppm
Ce*	-	-	0.1 ppm	2000 ppm
Cs*	-	-	0.02 ppm	2000 ppm
Ge*	-	-	0.1 ppm	100 ppm
Hf*	-	-	0.02 ppm	1000 ppm
In	-	-	0.02 ppm	1000 ppm
Li*	-	-	0.1 ppm	2000 ppm
Nb*	-	-	0.02 ppm	2000 ppm
Rb*	-	-	0.1 ppm	2000 ppm
Re	-	-	1 ppb	1000 ppb
Sn*	-	-	0.1 ppm	100 ppm
Ta*	-	-	0.05 ppm	2000 ppm
Y*	-	-	0.01 ppm	2000 ppm
Zr*	-	-	0.1 ppm	2000 ppm
Pt*	-	-	2 ppb	100 ppm
Pd*	-	-	10 ppb	100 ppm
Pb_{204}	-	-	0.01 ppm	10000 ppm
Pb_{206}	-	-	0.01 ppm	10000 ppm
Pb_{207}	-	-	0.01 ppm	10000 ppm
Pb_{208}	-	-	0.01 ppm	10000 ppm

* Solubility of some elements will be limited by mineral species present.
^Detection limit = 1 ppm for 15g / 30g analysis.

Limitations:

Au solubility can be limited by refractory and graphitic samples.